



7.1.6 QUALITY AUDITS ON ENVIRONMENT AND ENERGY REGULARLY UNDERTAKEN BY THE INSTITUTION AND ANY AWARDS RECEIVED FOR SUCH GREEN CAMPUS INITIATIVES:

- 1. GREEN AUDIT**
- 2. ENERGY AUDIT**
- 3. ENVIRONMENT AUDIT**
- 4. CLEAN AND GREEN CAMPUS RECOGNITIONS / AWARDS**
- 5. BEYOND THE CAMPUS ENVIRONMENTAL PROMOTION ACTIVITIES**

Index

S. No.	Description	Page Number
1.	Certificate of Head of Institution	02
2.	Green Audit Report	04
3.	Energy Audit Report	12
4.	Environment Audit Report	82

Campus:



MAHATMA GANDHI UNIVERSITY
of
MEDICAL SCIENCES & TECHNOLOGY
JAIPUR

**CERTIFICATE OF THE HEAD OF
INSTITUTION**

Campus:

RIICO Institutional Area, Sitapura, Tonk Road, JAIPUR – 302 022 (Raj.) INDIA | Phone : +91-141-2771804 • 2771777 | Fax : +91-141-2771805 • 2771807
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MAHATMA GANDHI UNIVERSITY
of
MEDICAL SCIENCES & TECHNOLOGY
JAIPUR

Dr. Ajay Kumar Sharma., PhD
Registrar

TO WHOM SO EVER IT MAY CONCERN

This is to certify that the following quality audits on environment and energy regularly undertaken by Our Institution:

- Green audit
- Energy audit
- Environment audit

Also, to state that Our Institution has received the Clean and Green Campus recognitions / awards from various Organizations and Our Students are being involved in various Beyond the campus environmental promotion activities.

Registrar

REGISTRAR
Mahatma Gandhi University of
Medical Sciences & Technology
Sitapura, JAIPUR-302 022

Campus:

RIICO Institutional Area, Sitapura, Tonk Road, JAIPUR – 302 022 (Raj.) INDIA | Phone : +91-141-2771804 • 2771777 | Fax : +91-141-2771805 • 2771807
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GREEN AUDIT REPORT

Campus:

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GAURANG ENVIRONMENTAL SOLUTIONS PVT. LTD.

SIMPLIFYING SUSTAINABILITY



ISO 9001: 2015 certified

NABET accredited EIA Consultants

NABET Approved GWCO Consultants

Ref No. GESPL/ MGUMST/ Correspondence/ 2023- 24/ 029

Date: 28.06.2023

M/s Mahatma Gandhi University of Medical Science and Technology
RIICO Institution Area
Sitapura, Tonk Road,
District Jaipur
Rajasthan, 302022

Subject- **Green Audit Report** of M/S Mahatma Gandhi University of Medical Science and Technology. Reg

GAURANG ENVIRONMENTAL SOLUTIONS PVT. LTD.
SIMPLIFYING SUSTAINABILITY

Dear Sir/madam,

ISO 9001: 2015 certified

NABET accredited EIA Consultants

NABET Approved GWCO Consultants

Greetings from Gaurang Environmental Solutions Private Limited., a NABET Approved, ISO 9001:2015 Environmental/Legal Consulting Firm providing Services across the Country.

Our technical and expert team conducted Green Audit of your organization as per the guidelines issued by NAAC/Central and state board authorities to your satisfaction and submitted Green audit report accordingly, a copy of Green audit report duly signed is attached herewith for your reference and record.

We hope you will consider Gaurang Environmental Solutions Private Limited for your future Green audit requirement audit also.

Please Acknowledge Receipt.

Thanking you

Yours faithfully,



Gaurang Environmental Solutions Private Limited.
Jaipur

Office: 102, SNG Shree Ratna Apartments,
Peetal Factory, Jhotwara Road, Banipark,
Jaipur-302016 (Raj)
CIN NO.: U93090RJ2017PTC058312;
GSTIN: 08AAGCG8820M1Z5

T: +91-141-4029115;
e-mail: gaurangenviro@gmail.com
Website: www.gauranggroup.com

Page 1 of 1



Project : Green Audit for Mahatma Gandhi University of Medical Sciences & Technology

Promoter : Mahatma Gandhi Medical College & Hospital

GREEN AUDIT REPORT

MAHATMA GANDHI UNIVERSITY OF MEDICAL SCIENCES & TECHNOLOGY

1. INTRODUCTION TO GREEN AUDIT

Green audit is a useful tool to determine how and where the most energy or water resources are being used; and can then considerations be given on how to implement changes and make savings. It can also be used to determine the type and volume of waste, which can be used for a recycling project or to improve waste minimization plan. It can create health consciousness and promote environmental awareness, values and ethics. It imparts a better understanding of Green impact on campus to staff and students.

2. OBSERVATIONS

Project is located in the vicinity of many trees (species) to maintain the bio-diversity. Approx 2050 nos. of trees are in project which includes various species.

Table 1: List of Trees

S. No	Name of Tree	Botanical name	Quantity
1.	Neem	<i>Azadirachata indica</i>	1173
2.	Ashok	<i>Saraca asoca</i>	247
3.	Jamun	<i>Syzygium cumini</i>	15
4.	Devil's tree	<i>Alstonia scholaris</i>	42
5.	Nimbu	<i>Citrus × limon</i>	25
6.	Shahtoot	<i>Morus alba</i>	7
7.	Kachnar	<i>Bauhinia variegata</i>	16
8.	Karanj	<i>Millettia pinnata</i>	42
9.	Pilkhan	<i>Ficus virens</i>	18
10.	Aam	<i>Mangifera indica</i>	20
11.	Gulmohar	<i>Delonix regia</i>	30
12.	Shisham	<i>Dalbergia sissoo</i>	74

Project	: Green Audit for Mahatma Gandhi University of Medical Sciences & Technology
Promoter	: Mahatma Gandhi Medical College & Hospital

13.	Ardu	<i>Ailanthus excels</i>	29
14.	chilli	<i>Capsicum frutescens</i>	6
15.	Ber	<i>Ziziphus mauritiana</i>	3
16.	Imli	<i>Tamarindus indica</i>	4
17.	Arjun	<i>Terminalia arjuna</i>	14
18.	Terminal	<i>Apical bud</i>	20
19.	Amaltas	<i>Cassia fistula</i>	8
20.	Kesha postulates	<i>Pandanus odorife</i>	47
21.	Desi babul	<i>Vachellia nilotica</i>	5
22.	Leswa tree	<i>Cordia myxa</i>	1
23.	Khejri	<i>Prosopis cineraria</i>	3
24.	Supari palm	<i>Areca catechu</i>	21
25.	Ponis palm	<i>Beaucarnea recurvata</i>	3
26.	Paikas panda	<i>Ficus benjamina</i>	46
28.	Khajur	<i>Phoenix dactylifera</i>	2
29.	Belpatra	<i>Bael - aegle marmelos</i>	4
30.	Bajna	<i>Zanthoxylum rhetsa</i>	9
31.	Gular	<i>Ficus racemosa</i>	1
32.	Sajna	<i>Moringa oleifera</i>	1
33.	Anar	<i>Punica granatum</i>	15
35.	Mahogany	<i>Swietenia macrophylla</i>	4
36.	Champa	<i>Magnolia champaca</i>	11
37.	Amla	<i>Phyllanthus emblica</i>	6
38.	Silver oak	<i>Grevillea robusta</i>	6
39.	Bargad	<i>Ficus benghalensis</i>	3
40.	Chiku	<i>Manilkara zapota</i>	14
41.	Paras pipal	<i>Thespesia populnea</i>	29
42.	Pipal	<i>Ficus religiosa</i>	5
44.	Mehandi	<i>Lawsonia inermis</i>	3
45.	Arka badam	<i>Calotropis gigantea</i>	7
47.	Chilla	<i>Casearia graveolens -</i>	2
48.	Gudhal	<i>Hibiscus rosa-sinensis</i>	9
	Total		2050

Project	: Green Audit for Mahatma Gandhi University of Medical Sciences & Technology
Promoter	: Mahatma Gandhi Medical College & Hospital

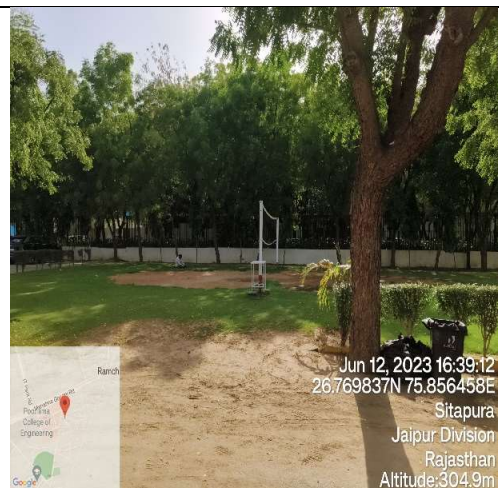
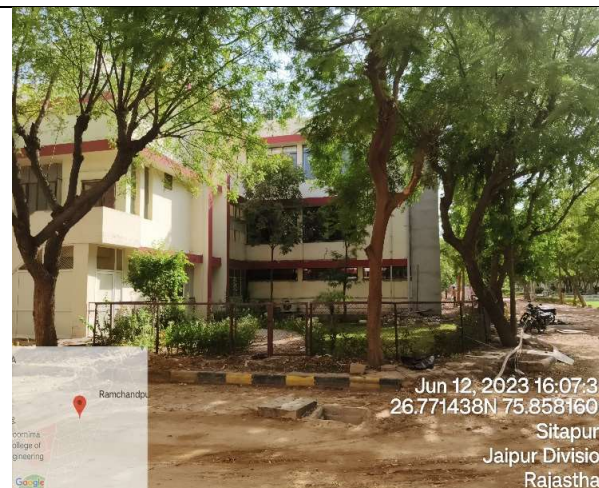
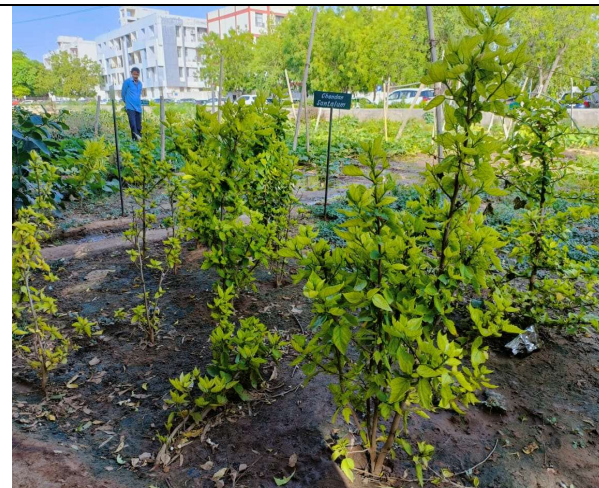
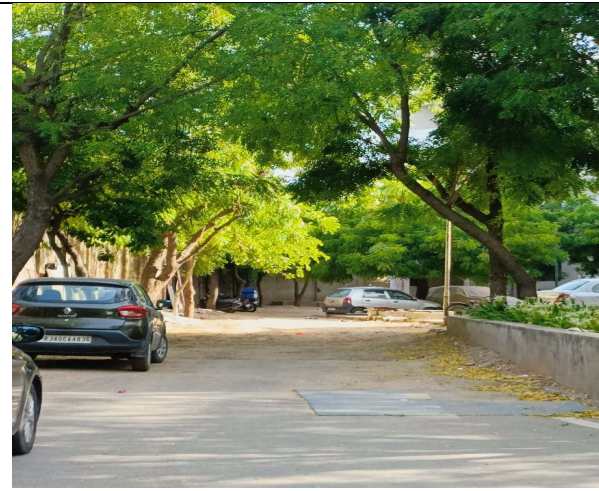
3. INITIATIVES

A group of 500 students has been made as green army which includes activities like tree plantation drives, cleanliness drives, poster making competition and other activities are done on a regular basis to inculcate the feeling of awareness for the environment. A concept of tree adoption has been started in the campus where the students along with the gardeners would take care of the plants.



Project : Green Audit for Mahatma Gandhi University of Medical Sciences & Technology

Promoter : Mahatma Gandhi Medical College & Hospital



Project	: Green Audit for Mahatma Gandhi University of Medical Sciences & Technology
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Figures : Photographs showing Plantation

Oxygen Calculation - On average, a mature, healthy tree can produce around 5 to 10 kilograms of oxygen per year. This estimate is based on a study published in the Journal of Arboriculture. a general approximation, and the actual amount can vary widely depending on the factors mentioned earlier.

If we use the conservative estimate of 5 kilograms of oxygen per year for a single mature tree. Now, let's calculate the amount of oxygen that 2050 trees would generate in a year:

Total oxygen generated by 2050 trees per year = 5 kilograms/tree * 2050 trees

Total oxygen generated = 10,250 kilograms per year

Recommendations

- Review periodically the list of trees planted in the garden, allot numbers to the trees and keep records. Assign scientific names to the trees.
 - The Environmental Committee shall be the source of advice and guidance to staff and students on how to implement this Policy. Ensure that an audit is conducted annually and action is taken on the basis of audit report, recommendation and findings.
 - Promote environmental awareness as a part of course work in various curricular areas, independent research projects, and community service.
-

Project	: Green Audit for Mahatma Gandhi University of Medical Sciences & Technology
Promoter	: Mahatma Gandhi Medical College & Hospital

- Create awareness of environmental sustainability and take actions to ensure environmental sustainability. Establish a College Environmental Committee that will hold responsibility for the enactment, enforcement and review of the Environmental Policy.
- Celebrate every year Environment Day, Earth Hour, Pollution Control day, water conservation day and plant trees and other Eco friendly activities on these days to make the campus more Green.
- Indoor plantation to inculcate interest in students, Bonsai can be planted in corridor to bond a relation with nature. Green library should be established.
- To create awareness about medicinal plants a medicinal plant park should be developed.



MAHATMA GANDHI UNIVERSITY *of* MEDICAL SCIENCES & TECHNOLOGY JAIPUR

ENERGY AUDIT REPORT

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ENERGY ASSESSMENT REPORT

June 2023

**Mahatma Gandhi University of Medical Science &
Technology, Sitapura Industrial Area, Jaipur,
Rajasthan 302022**

Submitted by

DESIGN2OCCUPANCY SERVICES LLP

A75, D2O Road, Sitapura, Jaipur





1

CONTENTS

1	Acknowledgement	3
2	Preface	4
2.1	Energy Audit Team.....	4
3	Abbreviation.....	5
4	Building Energy Audit.....	6
5	About Mahatma Gandhi University of Medical Sciences & Technology & Colleges	7
5.1	Description of the Building.....	8
5.2	Analysis of Building Electrical Load and Contract Demand.....	9
5.2.1	Contract Demand/ Sanction Load	9
5.2.2	Connected Load	10
5.2.3	Contract Demand V/s Maximum Running Demand.....	11
5.2.4	Electricity Bills Analysis & Energy Consumption Scenario	12
6	Lightings and Controls	15
6.1	Lighting fixture load	16
6.2	Real facts about lighting.....	20
6.2.1	Suggestions for Light.....	21
6.2.2	EEM 1 – Replacing existing florescent lights #199 (36W) with 20W LED light	21
6.2.3	EEM 2 – Daylight & Occupancy sensors for staircase lights	23
6.3	Lux Levels in Hospital Buildings Areas:	24
6.4	Heating Ventilation & Air Conditioning:	25
6.4.1	Heating, ventilation, and air conditioning (HVAC) Load:	26
6.5	HVAC Energy Efficiency Measures:	29

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6.5.1	EEM 3– Replacement of existing Fan with Energy Efficient Fans	30
6.5.2	EEM 4: Replacement of Existing AHU IE2 motor with IE5 motor:	32
6.5.3	ECM 5: Integration of Hybrid Thermal Solar Panel (HTS) into VRV System:.....	33
7	Renewable Energy System:	34
7.1	Solar Generation:	35
8	Compliances and Certification	42
9	Annexure:.....	43
9.1	Checklists: Physical Acceptance & Performance Test:.....	43
9.2	Electricity Bills: June 2022- May 2023:	58

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1 Acknowledgement

We extend our heartfelt gratitude to the authorities of Mahatma Gandhi University of Medical Sciences & Technology for granting us the privilege to conduct the Energy Audit within their premises. The opportunity to perform this audit has allowed us to assess and analyse the energy consumption patterns, identify areas for improvement, and recommend energy-efficient solutions to enhance the facility's sustainability.

We would like to offer a special word of thanks to **Mr. Subodh Beaspal Ji**, whose guidance and support have been invaluable throughout the entire process. His dedication to promoting energy efficiency initiatives and commitment to environmental conservation have been commendable.

Furthermore, we are deeply appreciative of the committee members and other supporting staff of Mahatma Gandhi University of Medical Sciences & Technology for their consistent cooperation and assistance during the Energy Audit. Their collaboration in providing necessary data and facilitating various tests within the building premises has been instrumental in the successful conclusion of this audit.

The facility and staff members have demonstrated exceptional teamwork and professionalism, making the data gathering process seamless and efficient. Their proactive approach and positive attitude have significantly contributed to the accuracy and reliability of our findings.



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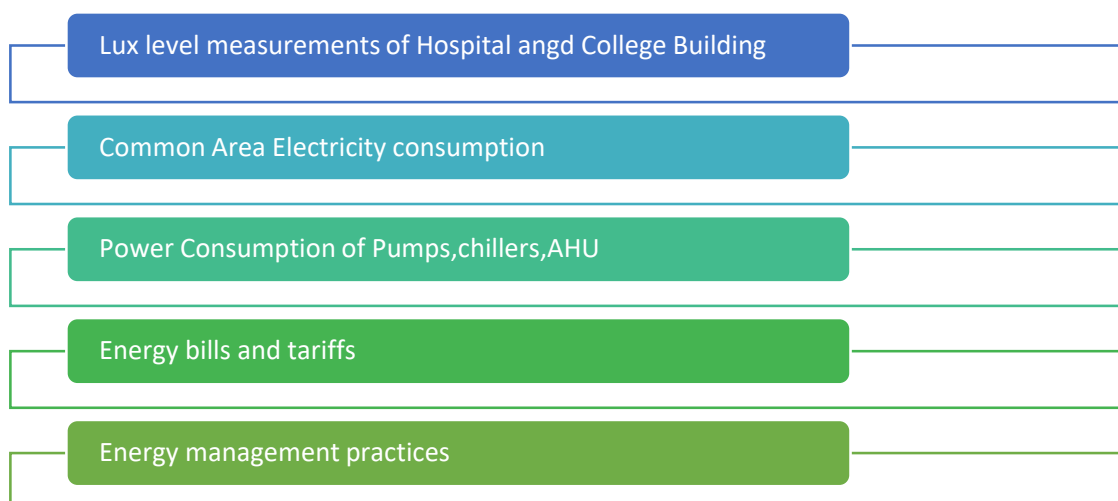
2 Preface

This report has been prepared for providing the details of the Energy consumption of the building and the Energy conservation measures which if deployed can lead to energy savings.

The instances mentioned in this report are those which came to notice in the course of test audit conducted during the June month. The energy audit has been conducted in conformity with the Bureau of Energy Efficiency (BEE) energy audit standards and Energy Conservation Building Code (ECBC) 2017 baseline standards.

The work undertaken in the audit of premises include:

- Investigating how much electricity consumed?
- Identifying Common Area Lighting Consumption.
- Identifying cost-effective measures to make energy use more efficient
- Estimating the potential costs and energy savings of implementing efficiency measures.
- Monitor energy uses of common areas.
- Major carried out tasks pertaining to the audit:



2.1 Energy Audit Team

1. Mr. Ankur Mantri (Certified Energy Auditor)



Ankur Mantri
BEE Certified Energy Auditor

2. Mr. Avinish Kumar
3. Mr. Sarveshwar Sharma
4. Mr. Vivek Luhar

3 Abbreviation

BEE – Bureau of Energy Efficiency

ECBC – Energy Conservation Building Code

ECM – Energy Conservation Measures

EPI – Energy Performance Index

HVAC- Heating Ventilation & Air Conditioning

CFL - Compact Fluorescent Lamp

kVA – Kilo-Volt-Ampere

kWh – Kilo-Watt-Hours

kW – Kilo-Watt

W - Watt

LED - Light Emitting Diodes

BLDC – Brush Less Direct Current

PF – Power Factor

CD- Contract demand

MD – Maximum demand

AHU – Air Handling Unit



HEPA – High Efficiency Particulate Air

VFD – Variable Frequency Drive

CT – Cooling Tower

4 Building Energy Audit

Based on an inspection of the building (and some measurements), Energy Auditing includes an evaluation and analysis of the existing situation and the various measures that could be implemented to reduce energy consumption and improve the indoor environment. The results are presented in audit report describing the findings and related recommended measures with corresponding investments, savings and profit.

The energy audit in a building is a feasibility with detailed equipment study. This helps in identifying energy use among the various services and also in identifying the opportunities for energy conservation. The study shall be revealed to the owner, manager, or management team of the building for the options available for reducing energy waste. It is to reduce waste of energy and money to the minimum, permitted by the climate in which the building is located, its functions, occupancy schedules, and other factors. It establishes and maintains an efficient balance between a building's annual functional energy requirements and its annual actual consumptions.



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5 About Mahatma Gandhi University of Medical Sciences & Technology & Colleges

Mahatma Gandhi University of Medical Sciences & Technology (MGH) was formally inaugurated on 2nd October, 2000. At present this multi - specialty teaching hospital has 1400 beds. MGH also provides adequate clinical teaching materials as envisaged by Medical Council of India, Dental Council of India, and Indian Nursing Council.

The world - class infrastructure with the state- of- art medical equipment and highly reputed and experienced medical consultants / doctors / paramedical staff of MGH provides clinical support to the faculty of medicine resulting into most efficient teaching in these institutions.

MGH has a fully developed central diagnostic laboratory in biochemistry, microbiology and pathology. A well-trained and senior faculty supervises this lab which is one of the biggest in the State. MGH provides well-developed, unique services in the field of Advanced Reproductive Techniques (ART), medical and surgical endoscopy and modern blood banking with component therapy.



Figure 1 Mahatma Gandhi University of Medical Sciences & Technology

Mahatma Gandhi University of Medical Sciences & Technology has started its Regional Emergency and Trauma Centre approved for Medico Legal Cases (MLC) along with well -



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equipped ambulance facilities meant to save lives of the victims of road accidents. The efficient and effective emergency department is well equipped with intensive care therapy, diagnostics, radio-diagnostic including ultrasonography and CT Scan, MRI, Haematology and fully equipped operation theatres manned by eminent professionals and experts round-the-clock. This is the first trauma centre in the state approved by the Govt. of Rajasthan to deal with medico legal cases including road traffic accident and post mortem under the Dept. of Forensic Medicine of MGMCH. cases including road traffic accident and post mortem under the Dept. of Forensic Medicine of MGMCH.

5.1 Description of the Building

- Facility Name/Client: Mahatma Gandhi University of Medical Sciences & Technology
- Building Operation Since Year- 2000
- Latitude: - 26.7694° N
- Longitude: - 75.8546° E
- Medical Hostels and Hospital Building Operational Hours - 24hours
- Medical College - 9hours
- Climate zone - Hot-Dry



Figure 2 Satellite Image of Mahatma Gandhi University of Medical Sciences & Technology

- Numbers of Buildings - 33
- Type of Buildings - Hospital and Medical Colleges
- Air-Conditioned Area - 70-80%



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- Energy Audit Team: Design2Occupancy Services LLP
- Sanctioned load: 6050 Kw
- Demand Load: 4100 Kw

Design2Occupancy team has performed Energy audit of the building and has reached to the results of the performance of the systems, analysed the energy & water consumption, traced out the fault in the process/equipment as findings, suggested the energy conservation measures and respective cost analysis of the energy conservation measures.

5.2 Analysis of Building Electrical Load and Contract Demand

5.2.1 Contract Demand/ Sanction Load

A customer's contract demand is the amount of power which a customer agrees to pay to have available at all times. Because this refers to power which must be made available, as opposed to energy which can actually be consumed, contract demand is measured in kilowatts and not kilowatt-hours.

The following image shows the contract demand / Sanctioned load of the building:

विवरण	उप	स्वी. प्रमाण	वर्ष
संस्था संख्या	06920752	टैरिफ कोड	2011
सी.सी.डी. (कि.वा./हा.पा.)	6050 (KW)	सहरी/ग्रामीण	U
कनेक्टेड लोड (कि.वा./हा.पा.)	6050 (KW)	मीटरिंग टाइप	I
कॉन्ट्रैक्ट डिमांड (के.वी.ए.)	4100 (KW)	मीटर स्वामित्व	B
पावर फेक्टर	0.993	सप्लाय वोल्टेज	33000
डिस्टिंग डिमांड	3075	मीटरिंग वोल्टेज	230
मीटर की स्थिति	R	मीटर कोड	2263128
सामयिकता की स्थिति	R	अमानत राशि(रु)	0
वर्तमान बटन तिथि	14-03-2023	मीटर सुस्था राशि(रु)	0.0
सम. वास्तव. डिमांड	01-03-2023	अमानत राशि(रु)	1061641

Figure 3 Contract Demand

The contract demand or sanction load of the buildings in the facility is 6178.35 kVA or 6050 kW.



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5.2.2 Connected Load

It is defined as the sum of ratings of all electrical equipment's that are connected at the supply point regardless of their status of operation. It depends on the installed equipment without measuring or testing their actual demand. Mahatma Gandhi University of Medical Sciences & Technology, Jaipur has different types of load in the building. Building loads are majorly divided in different category:

- **Lighting Load:** The lighting load of the building is approximately 370.44 watts. This refers to the total power consumed by all the lighting fixtures installed in the building. The lighting load is a crucial factor to consider when designing and managing the electrical system of a building, as it directly affects the overall energy consumption.
- **Cooling Load:** Air conditioning units are a significant contributor to the overall electrical load of a building, accounting for approximately 3044.87 kilowatts (kW) of power consumption. This substantial load arises from the high energy demand required to cool and maintain comfortable temperatures indoors, particularly during hot weather conditions.
- **Equipment's Load (Medical Equipments, Lifts,):** The collective electrical load generated by medical equipment, lifts, computers, and other equipment amounts to approximately 314.84 kilowatts (kW). These essential components play crucial roles in various settings, such as hospitals, offices, and industrial facilities, and contribute significantly to the overall power demand of the respective environments.
- **Medical equipment, including diagnostic machines, imaging devices, and life-support systems, requires a substantial amount of electricity to operate efficiently and deliver critical healthcare services. It is essential for healthcare facilities to prioritize energy-efficient medical equipment to minimize energy consumption while ensuring optimal patient care**
- **The total connected load of the building amounts to approximately 3730.15 kilowatts (kW). This figure represents the sum of all electrical loads connected to the building's**



power supply, encompassing lighting, air conditioning, heating, ventilation, various equipment, appliances, and other electrical systems.

5.2.3 Contract Demand V/s Maximum Running Demand

Maximum Running Demand refers to the maximum amount of electrical energy that is being consumed at a given time by facility.

Following table showing the comparison between Contract Demand V/s Maximum Running Demand of facility from past 12 months:

Table 1 Comparison between Contract Demand V/s Maximum Running Demand:

S. No.	Months	Contract Demand (kw)	Max. Running Demand(KVA)
1	Jun-22	4100.00	4,145.4
2	Jul-22	4100.00	3,916.8
3	Aug-22	4100.00	3,186
4	Sep-22	4100.00	3,574.8
5	Oct-22	4100.00	2,899.8
6	Nov-22	4100.00	1,926
7	Dec-22	4100.00	1,641.6
8	Jan-23	4100.00	1,762.2
9	Feb-23	4100.00	1,507
10	Mar-23	4100.00	2,044.8
11	Apr-23	4100.00	3,112.2
12	May-23	4100.00	1,641.6
Total		4100.00	31358.2



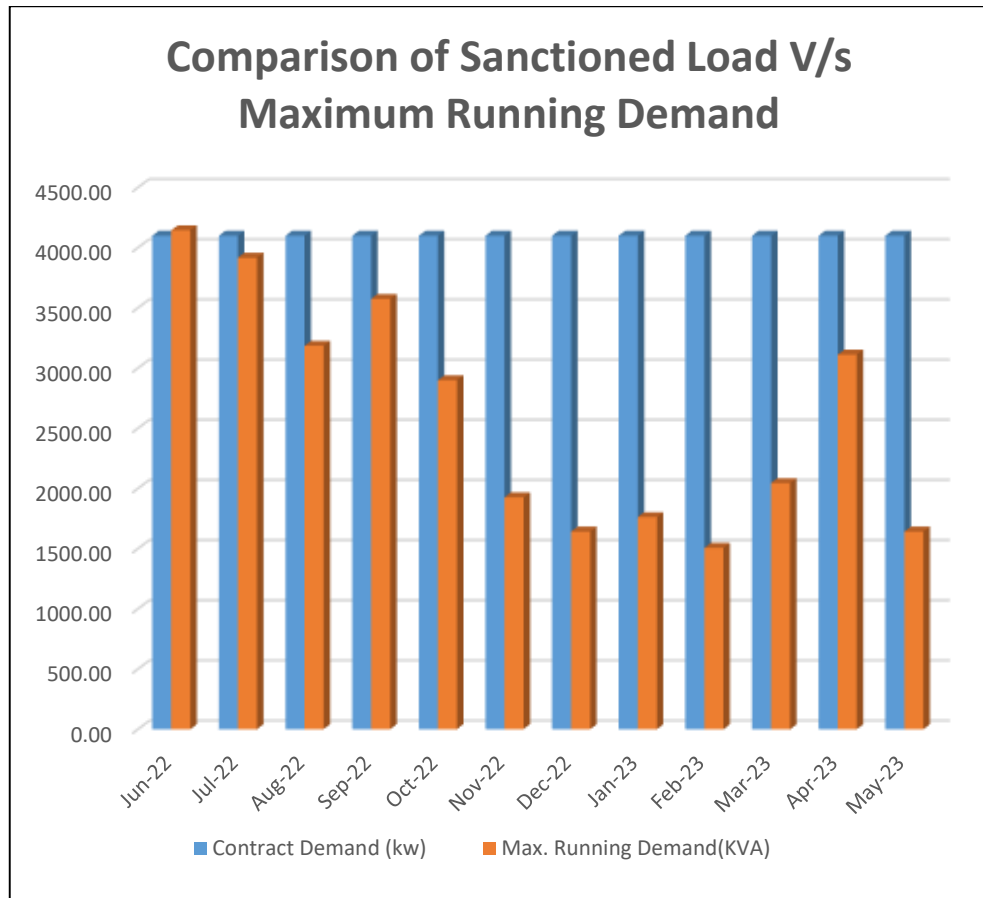


Figure 4 Comparison of Contract Demand V/s Maximum Running Demand

It has been observed that maximum running demand (kVA) from past 12 months is always lower than contract demand(Kw) of facility which is good to avoid the surplus excess demand charges.

5.2.4 Electricity Bills Analysis & Energy Consumption Scenario

Tabular and Graphical Representation of total Energy consumption (kWh), Energy supplied (kVAh) and PF in facility has described below:

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Table 2 Comparison between Total Energy consumption (kwh), Energy supplied (kVAh) and PF

S. No.	Months	Energy Supplied (kVAh)	Energy Consumption (kWh)	Power Factor
1	Jun-22	17,95,266	17,54,847	0.977
2	Jul-22	16,86,114	16,53,930	0.980
3	Aug-22	15,19,848	14,87,952	0.979
4	Sep-22	14,25,366	13,85,928	0.972
5	Oct-22	10,41,939	10,26,594	0.985
6	Nov-22	8,41,554	8,34,435	0.991
7	Dec-22	7,42,653	7,39,107	0.995
8	Jan-23	8,11,503	8,08,488	0.996
9	Feb-23	3,18,003	3,15,784.8	0.993
10	Mar-23	8,69,463	8,60,166	0.95
11	Apr-23	10,58,652	10,,39,383	0.961
12	May-23	12,02,022	1,168,398	0.972
Total Energy Consumption & Supplied		12442920	1,22,14,847	0.98



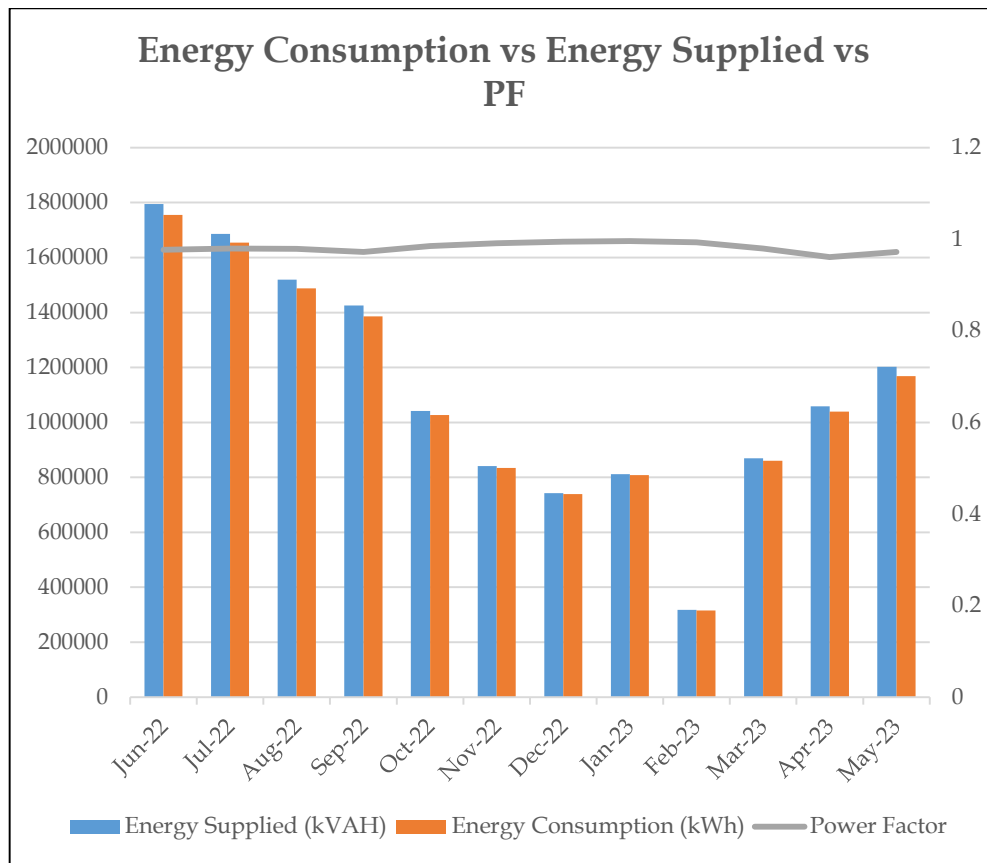


Figure 5 Energy Consumption v/s Energy Supplied v/s Power factor

Graphical Representation of total Energy consumption (kWh), Energy supplied (kVAh) and PF in facility.

Observations:

Overall, the Power factor is varying from 0.95 to 0.99. The average power factor is 0.98 calculated from the last 1 year's utility bills. To maintain Power Factor above 0.95, The current power factor range is satisfactory, and it is essential to consistently maintain it within this optimal range.



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6 Lightings and Controls

Lighting and controls are essential components of building design and energy management. Proper lighting design and efficient control systems play a significant role in optimizing energy usage, enhancing occupant comfort, and contributing to overall sustainability efforts.

Efficient lighting design involves selecting appropriate fixtures, bulbs, or lamps that provide sufficient illumination while minimizing energy consumption. Energy-efficient lighting options, such as Light Emitting Diodes (LEDs) and Compact Fluorescent Lamps (CFLs), are widely used due to their longer lifespan and lower energy usage compared to traditional incandescent bulbs. LED lighting, in particular, has become popular for its high energy efficiency and controllability.

Additionally, natural lighting strategies, such as daylighting, aim to utilize natural sunlight to illuminate interior spaces, reducing the need for artificial lighting during daylight hours. Well-designed daylighting systems can enhance the visual appeal of spaces, improve occupants' well-being, and reduce electricity consumption.

Lighting Controls: Lighting control systems enable precise management of when and how lights are used, optimizing energy consumption. Various control methods can be employed, such as:

- **Occupancy sensors:** These sensors detect the presence of people in a room and automatically switch lights on or off based on occupancy. They help prevent energy wastage by turning off lights in unoccupied areas.
- **Daylight sensors:** Daylight sensors measure the amount of natural light in a space and adjust artificial lighting levels accordingly. They ensure that lights dim or turn off when sufficient natural light is available, further saving energy.



- Time-based controls: These systems allow pre-programming lighting schedules, turning lights on or off at specific times. They are useful for ensuring lights are only active when needed, reducing energy consumption during non-operational hours.

By integrating energy-efficient lighting fixtures with intelligent control systems, building owners can achieve substantial energy savings, reduce operational costs, and create more comfortable and sustainable environments for occupants. Smart lighting and control technologies continue to advance, providing ever-improving options for optimizing energy use in buildings.

6.1 Lighting fixture load

In the building Fluorescent Lamp, CFL, LED fixtures are installed in interior premises of the building. In exterior lighting there are Sodium vapour lamps and LEDs can be found.

Table 3 Lighting Summary:

S. No.	Area	Type of Light	Watt	Quantity	Total Wattage
1	MG Hospital	LED Lights	36	2333	83,988
2	Haematology Tower	LED Lights	36	707	25,452
		3"led light	10	211	2,110
		Tube light	20	18	360
		6"led light	12	148	1,776
3	SRCC	LED Lights	36	695	25,020
		3"led light	10	340	3,400
		6"led light	12	310	3,720



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S. No.	Area	Type of Light	Watt	Quantity	Total Wattage
3	Nursing Building	LED Lights	36	790	28,440
4	Dharamshala	LED Lights	36	725	26,100
5	Bank	LED Lights	36	32	1,152
6	Auditorium	led lights	36	113	4,068
7	Engineering Department	LED Lights	36	25	900
8	Canteen 1&2	LED Lights	36	42	1,512
9	LT Building 1 &2	Tube light	20	15	300
		LED Lights	36	113	4,068
10	Medical College 1	Tube light	20	95	1,900
		LED Lights	36	95	3,420
11	Medical College 2	Tube light	20	95	1,900
		LED Lights	36	95	3,420
12	Medical College 3	Tube light	20	95	1,900
		LED Lights	36	95	3,420
13	Medical College 4	Tube light	20	95	1,900



S. No.	Area	Type of Light	Watt	Quantity	Total Wattage
		LED Lights	36	95	3,420
14	Medical College 5	Tube light	20	95	1,900
		LED Lights	36	95	3,420
15	Medical College 6	Tube light	20	95	1,900
		LED Lights	36	95	3,420
16	Dental College 1	Tube light	20	108	2,160
		LED Lights	36	108	3,888
17	Dental College 2	Tube light	20	108	2,160
		LED Lights	36	108	3,888
18	Dental College 3	Tube light	20	108	2,160
		LED Lights	36	108	3,888
19	Jr. Boys Hostel 1	Tube light	20	113	2,260
		LED Lights	36	113	4,068



S. No.	Area	Type of Light	Watt	Quantity	Total Wattage
20	Jr. Boys Hostel 2	Tube light	20	113	2,260
		LED Lights	36	113	4,068
21	Sr. Boys Hostel 1	Tube light	20	113	2,260
		LED Lights	36	113	4,068
22	Sr. Boys Hostel 2	Tube light	20	113	2,260
		LED Lights	36	113	4,068
23	Dental Girls Hostel	Tube light	20	118	2,360
		LED Lights	36	118	4,248
24	Dental Boys Hostel	Tube light	20	118	2,360
		LED Lights	36	118	4,248
25	Hospital Inverter 1	LED Lights	36	125	4,500
26	Hospital Inverter 2	LED Lights	36	123	4,428
27	Hospital ICU	LED Lights	36	540	19,440
28	Private Ward	LED Lights	36	780	28,080
29	Ganga Girls Hostel	LED Lights	36	112	4,032



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S. No.	Area	Type of Light	Watt	Quantity	Total Wattage
30	Gomati Girls Hostel	LED Lights	36	112	4,032
31	Mortuary	LED Lights	110	20	2,200
32	Hospital Gas Plant	LED Lights	29	36	1,044
33	Incinerator Room	LED Lights	48	36	1,728
Total(KW)					370.44



Figure 6 Corridor Lighting

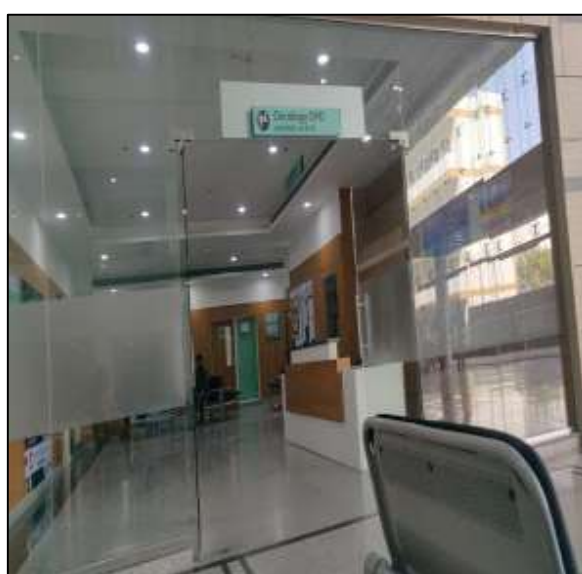


Figure 7 Interior Lighting

6.2 Real facts about lighting

- Electric lighting burns up to 10-15% of the average energy budget.
- Lighting consumes 18% power in India.
- As per statistics generation of power in India is around 223.343GW.



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- We can save at least 5% of energy from lighting without compromising on quality or quantity.
- Light Emitting Diode (LED) bulbs have revolutionized energy-efficient lighting
- LEDs are small, solid light bulbs which are extremely energy-efficient. New LED bulbs are grouped in clusters with diffuser lenses which have broadened the applications for LED use in the home.

6.2.1 Suggestions for Light

- Timing Sensor for Exterior Lighting.
- Two way switching system should be done in stairs area.
- Replacement of existing Tube light(20w) with LED Light(36w).

6.2.2 EEM 1 - Replacing existing florescent lights #199 (36W) with 20W LED light

LEDs (Light-Emitting Diodes) offer numerous benefits compared to traditional lighting technologies like incandescent bulbs and compact fluorescent lamps (CFLs). Here are some of the key advantages of using LEDs:

- **Long-lasting** - LED bulbs last up to 10 times as long as compact fluorescents, and far longer than typical incandescent.
- **Durable** - since LEDs do not have a filament, they are not damaged under circumstances when a regular incandescent bulb would be broken. Because they are solid, LED bulbs hold up well to jarring and bumping.
- **Cool**- these bulbs do not cause heat build-up; LEDs produce 3.4 btu's/hour, compared to 85 for incandescent bulbs. This also cuts down on air conditioning costs in the home.
- **Mercury-free** - no mercury is used in the manufacturing of LEDs.
- **More efficient** - LED light bulbs use only 2-10 watts of electricity (1/3rd to 1/30th of Incandescent or CFL) Small LED flashlight bulbs will extend battery life 10 to 15 times



longer than with incandescent bulbs. Also, because these bulbs last for years, energy is saved in maintenance and replacement costs.

- **Cost-effective** - although LEDs are expensive, the cost is recouped over time and in battery savings. For the AC bulbs and large cluster arrays, the best value comes from commercial use where maintenance and replacement costs are expensive.

Light for remote areas - The low power requirement for LEDs, using solar panels becomes more practical and less expensive than running an electric line or using a generator for lighting.

Total existing lighting load with existing lamps = $(199 * 36) = 7,164 \text{ W}$ Lighting load after replacing with 20W tubes = $185 * 20 = 3,980 \text{ W}$ Reduction in the lighting Load = $7,164 - 3,980 = 3,184 \text{ W}$

= $3,184 * 12 * 365 = 1,39,45,920 \text{ Wh or } 13,945.92 \text{ kWh}$ Assuming that these lamps run for average 12 hours/day for 365 working days' /year Total reduction in the energy consumption in a year by replacing the lamps -

Electric Utility rates as mentioned in utility rate is Rs. 8.6 The total cost saving= $13,945 * 8.6 = 1,19,927/\text{year}$

Hence by adopting this EEM it is assumed that approximately **cost saving of 1,19,927 INR/Year** and **power consumption saving of 13,945 kWh/year** could be achieved.

Payback Period-

One unit of 20W LED would cost around 450.

Total investment on replacing the 185 existing lamps = $199 * 450 = \text{Rs. } 89,500$

Total cost saving on implementation of this EEM = **Rs. 1,19,927/year**

The Payback Period would be **approx. around 0.75 years**

6.2.3 EEM 2 – Daylight & Occupancy sensors for staircase lights

During our site visit, most of the staircase lights were ON. However, the building is operational only during the day time and is daylight properly. Hence, it is suggested to switch off the artificial lights during the day. The facility may further plan to install occupancy & daylight sensors if the manual control is not feasible.

Installing occupancy & daylight sensors in the staircase – Occupancy Sensors provide automatic ON/OFF switching of lighting loads to enhance convenience, security and long-term energy savings. Daylight sensors save energy by dimming or turning off electric lighting when sufficient daylight is available. The sensor detects light in the space and then adjusts the lights to take advantage of daylight, thus conserving energy. These sensors are being incorporated into most new projects and as many retrofit / retro commissioning projects as possible.

Total Lighting Load = $550 * 36 = 19800$ W Lighting Load

Assuming that these lamps runs for average 24 hours/day for 365 working days /year

$19800 * 24 * 365 = 17,34,48,000$ Wh or 1,73,448 Kwh

After Installation Daylight Sensors lamps runs for average 12 hours/ day for 365 working days / year.

$19800 * 12 * 365 = 8,67,24,000$ Wh or 86,724 Kwh

Total Saving After Installation Daylighting sensors = $1,73,448 - 86,724 = 86,724$ Kwh

Electric Utility rates as mentioned in utility rate is Rs. 8.6

The **total cost saving**= $86,724 * 8.6 = 7,45,826$ /year

Payback Period–

One Daylight Sensor is Require for 5 Lights, so



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110 daylight sensors = 550 Lights

Cost of One Sensor = 2000 Rs

Total investment for Installation Daylight Sensors = $110 \times 2000 = 2,20,000$ Rs

The Payback Period would be **approx. around 0.3 years.**

6.3 Lux Levels in Hospital Buildings Areas:

Lux levels, also known as illuminance, refer to the measurement of the amount of light that falls on a surface. It is a critical parameter in lighting design and is used to quantify the brightness or intensity of light at a specific point or area. Lux is the SI unit of illuminance and is defined as lumens per square meter (lm/m^2).

Lux Level for Hospitals and Healthcare Facilities:

Patient Rooms: 100-300 lux

Operating Rooms: 500-1000 lux

Examination Rooms: 500-750 lux





Figure 8 Lux Level in Patient Room



Figure 9 Lux Level in Examination Room

6.4 Heating Ventilation & Air Conditioning:

Heating, ventilation, and air conditioning (HVAC) is the use of various technologies to control the temperature, humidity, and purity of the air in an enclosed space. Its goal is to provide thermal comfort and acceptable indoor air quality. HVAC system design is a sub discipline of mechanical engineering, based on the principles of thermodynamics, fluid mechanics, and heat transfer. HVAC is an important part of residential structures such as single family homes, apartment buildings, hotels, and senior living facilities; medium to large industrial and office buildings such as skyscrapers and hospitals; vehicles such as cars, trains, airplanes, ships and submarines; and in marine environments, where safe and healthy building conditions are regulated with respect to temperature and humidity, using fresh air from outdoors.

Ventilating or ventilation (the "V" in HVAC) is the process of exchanging or replacing air in any space to provide high indoor air quality which involves temperature control, oxygen replenishment, and removal of moisture, smoke, heat, dust, airborne bacteria, carbon dioxide,



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and other gases. Ventilation removes unpleasant smells and excessive moisture, introduces outside air, keeps interior building air circulating, and prevents stagnation of the interior air.

6.4.1 Heating, ventilation, and air conditioning (HVAC) Load:

Table 4 HVAC Load Summary:

S. No.	Area	Types of AC	Total Qty	Total Capacity(Ton)	Connected Load (Kw)
1	Mahatma Gandhi Old Hospital	Split	175	281.4	198.10
		Windows	16	24.5	17.24
		Tower	5	18	12.67
		VRV	19	182.5	128.48
		Ductable	72	683.5	481.18
		Cassette	51	170.2	119.82
2	Haematology Tower	split	118	177	124.60
		Ductable	131	1243.59	875.48
		Cassette	14	46.72	32.89
3	SRCC	VRV	10	96.05	67.61
		Split AC	22	33	23.23
		AHU	124	-	372
		Cooling Tower	3	-	22.5
		Pump	14	-	132
		Chiller	2	-	380
4	Other Buildings	Split AC	54	81	57.02
	Total			2956.46	3044.82



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Figure 10 Split AC



Figure 11 VRV System



Figure 12 Pumps



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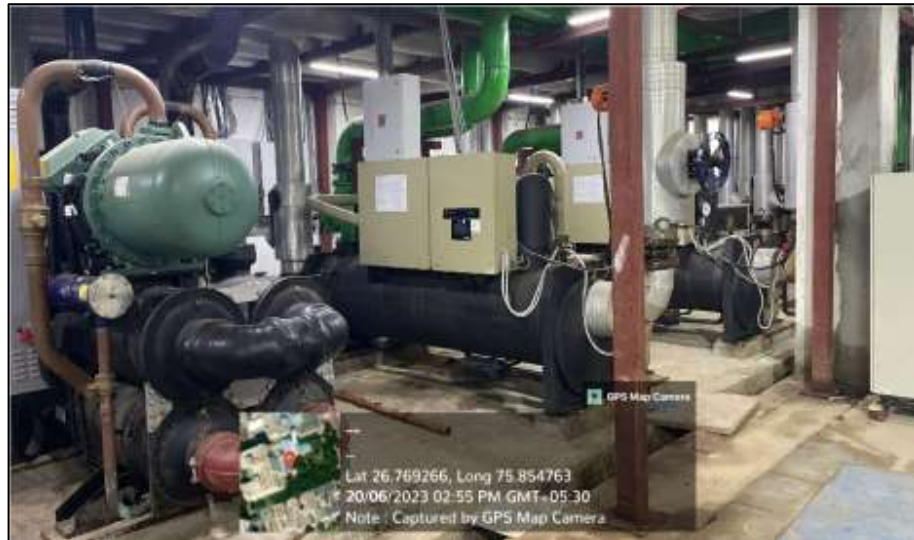


Figure 13 Chiller



Figure 14 Cooling Tower



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Figure 15 AHU (Air Handling Unit)

6.5 HVAC Energy Efficiency Measures:

A room air conditioner's efficiency is measured by the energy efficiency ratio (EER). The EER is the ratio of the cooling capacity (in British thermal units (Btu) per hour) to the power input (in watts). The higher the EER rating, the more efficient the air conditioner.

A higher EER rating indicates that the air conditioner can produce more cooling output with relatively less energy consumption, making it a more efficient and cost-effective option for cooling the room. Essentially, air conditioners with higher EER ratings are better at providing the desired cooling effect while consuming less electricity, leading to reduced energy bills and environmental impact.

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6.5.1 EEM 3– Replacement of existing Fan with Energy Efficient Fans

Replacing 643 Ceiling Fans of ~75 W with Energy Efficient fans of 26 W –

After the BEE launched the SEEP program, these manufacturers had to increase copper content and also improved blade designs in a bid to enhance energy efficiency. The result was BEE 5 star rated fans that would consume about 25-40 watts of electricity which were also called super-efficient fans².

BLDC Technology:

BLDC technology, in general, has been in the market for a couple of decades and it is widely implemented in industries needing high torque motors. What was missing so long is its application in the ceiling fans. That start was done by start-ups like Versa Drives who offer Superfan and Atomberg which offers Gorilla fans. The trend was joined by pre-existing electrical appliance manufacturing companies like Crompton, Orient & Havells. They are the pioneers of using BLDC motor in the ceiling fans in India. The traditional fan uses an induction motor and typically consumes 70-90 watts. But BLDC fan, on the other hand, can reduce power consumption by up to 65%.

Advantages of BLDC Motor Used in BLDC Fan

Prominent advantages of BLDC motor over induction motor is summarized as:

- Lower Electricity Consumption (65% savings)
- Longer backup on Inverters (even on Solar)
- Improved reliability
- Noise reduction
- Longer lifetime

Total existing electricity load with existing ceiling fans= $643 * 75 = 48,225 \text{ W}$





Fan load after replacing the fans = $643 * 26 = 16,718 \text{ W}$

Reduction in the fan Load = $48,225 - 16,718 = 31,507 \text{ W}$

Assuming that these fans runs for average 16 hours/ day for 240 (8months) working days /year

- Total reduction in the energy consumption in a year by replacing the fans -

= $31,507 * 16 * 240 = 12,09,86,880 \text{ Wh or } 1,20,986.88 \text{ kWh}$

Electric Utility rates as mentioned above in Tariff rate is = Rs. 8.6 The total cost saving= $1,20,986 * 8.6 = \text{Rs. } 10,40,480/\text{year}$

Hence by adopting this EEM it is assumed that approximately **cost saving of Rs.10,40,480/year** and **power consumption saving of 1, 20, 986 kWh/year** could be achieved.

Payback Period-

One unit of energy efficient 5 Star fans (W) would cost around 2800.

Total investment on replacing the 643 existing fans= $2800 * 643 = \text{Rs. } 18, 00, 400$

Total **cost saving** on implementation of this EEM = **Rs. 10,40,480/year**

The **Payback Period** would be approximately around **2.70 years**.

6.5.2 EEM 4: Replacement of Existing AHU IE2 motor with IE5 motor:

Existing Motor Class: IE2

Existing Motor Efficiency: 87%

Existing motor Rated KW: 12.5

Operating KW: 5.82

Proposed motor Class: IE5

Proposed motor Efficiency: 93%

Proposed Motor Rated KW: 7.5

Proposed Motor estimated operating KW: 3.5

Estimated reduction in operating KW: 2.32

AHU working hrs: 12 hrs

Daily Energy Savings: 27.84 Kwh

Annual Energy Savings: 10161.6 KWh

Average electricity cost: INR 8.6 per unit

Payback Period:

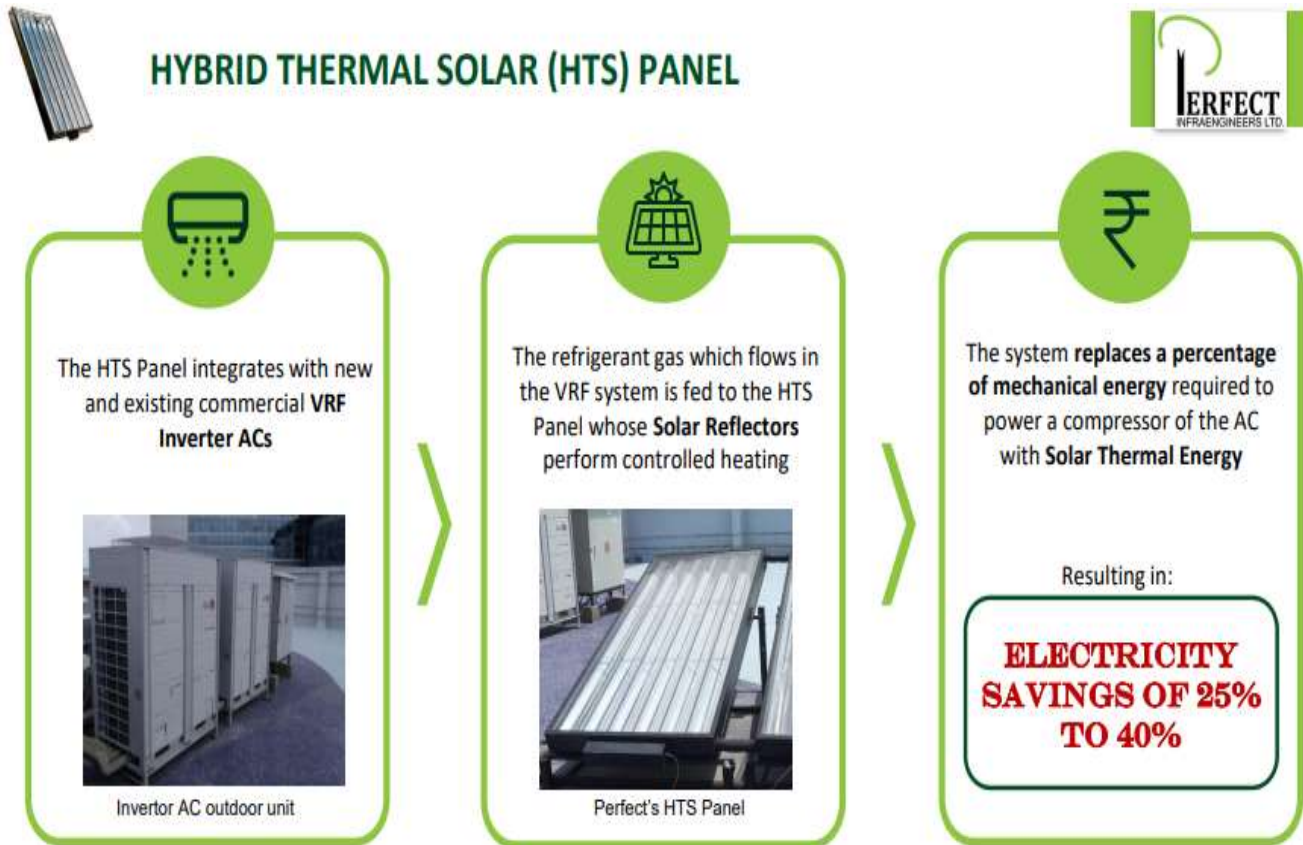
Total Investment: INR 1,20,000

Annual Monetary Saving: 87,390

The **Payback Period** would be approximately around **1.38 years**.



6.5.3 ECM 5: Integration of Hybrid Thermal Solar Panel₁ (HTS) into VRV System:



Total VRV System Installed Capacity = 278 ton / 347 hp

No. of HTS Module Required = 35

Daily Running Hours = 16

Annual Running Days = 240

Total Connected Load = 347hp / 262.5 Kw

Daily Energy Consumption = 4200 Kwh

¹ <https://5.imimg.com/data5/SELLER/Doc/2022/4/XE/EP/ES/3817328/hts-panel.pdf>



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Annual Energy Consumption = 10,08,000 Kwh

Estimated Energy Saving = 4,03,200 Kwh

Monetary Saving @INR 8.6 /unit = 34,67,520 INR

Investment = 1,40,00,000

Payback Period: 4.03 Years

7 Renewable Energy System:

The facility also has a 630 kWp solar photovoltaics under installation which will augment the power generation capacity. Provisions for installation of renewable energy generation systems are mandatory in ECBC 2017 which is complying with code. This will also help in reducing the demand at peak hours and hence overall contract demand shall be decreased in accordance with the installed capacity after the plant becomes operational. The solar panel has following benefits:

- ✓ Highest electricity generation during peak hour
- ✓ least negative impact on the environment
- ✓ savings on your energy bill
- ✓ improves Grid security



Figure 16 Solar Plant Installation



Figure 17 Solar Plant Installation

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7.1 Solar Generation:

Table 5 Solar Generation 2022-23

S. No	Month	Jr. Boys Hostel 1	Jr. Boys Hostel 2	Sr. Boys Hostel 1	Sr. Boys Hostel 2
1	Jun-22	2975	2464	3697	3378
2	Jul-22	2730	2227	3243	2997
3	Aug-22	1532	1296	3040	3001
4	Sep-22	2011	1671	3760	3632
5	Oct-22	2190	1804	4044	3641
6	Nov-22	2013	1647	3586	3310
7	Dec-22	1840	1497	3201	3343
8	Jan-23	2816	2773	1641	1322
9	Feb-23	3881	3688	2165	1769
10	Mar-23	4109	3880	2245	1841
11	Apr-23	4408	3908	2342	1958
12	May-23	4430	4310	2323	1964
Total		34935	31165	35287	32156

Table 6 Solar Generation 2022-23

S. No	Month	Hospital Private	Hospital ICU	Hospital Emergency 1	Hospital Emergency 2
1	Jun-22	4999	6276	2996	3124
2	Jul-22	4620	4928	2701	2804
3	Aug-22	4159	4360	2403	2480
4	Sep-22	5042	2384	1350	1395
5	Oct-22	5702	5510	3189	3285
6	Nov-22	5345	4952	2937	2936
7	Dec-22	4893	4572	2803	3026
8	Jan-23	3972	3917	2416	2484
9	Feb-23	3813	5238	3069	3149
10	Mar-23	0	5663	3228	3341
11	Apr-23	0	6131	3588	3757
12	May-23	0	6192	3615	3718
Total		42545	60123	34295	35499



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Table 7 Solar Generation 2022-23

S. No	Month	Nursing College	Dental College 1	Dental College 2	Dental College 3
1	Jun-22	6084	2135	5485	3942
2	Jul-22	5703	2167	5389	3472
3	Aug-22	5307	1674	303	3003
4	Sep-22	6280	1804	5784	3280
5	Oct-22	6715	1271	6006	2426
6	Nov-22	6042	916	4650	1173
7	Dec-22	5484	708	3567	683
8	Jan-23	5357	692	3686	759
9	Feb-23	6322	1002	5471	1798
10	Mar-23	6801	1615	6393	3206
11	Apr-23	6869	2444	7075	4245
12	May-23	6827	2649	7198	4744
Total		73791	19077	61007	32731

Table 8 Solar Generation 2022-23

S. No	Month	Boys Hostel BDS	Girls Hostel BDS	Medical College Inverter 1	Medical College Inverter 2
1	Jun-22	2781	1563	5022	5400
2	Jul-22	2554	1583	3662	4374
3	Aug-22	1448	1309	3421	4437
4	Sep-22	1104	1819	3818	4742
5	Oct-22	1798	2088	4222	5682
6	Nov-22	1622	1854	3214	5139
7	Dec-22	306	1642	2679	4893
8	Jan-23	1173	1423	2635	4289
9	Feb-23	1799	1703	3834	547
10	Mar-23	2013	2150	4806	5659
11	Apr-23	2138	2297	5535	5921
12	May-23	2204	2149	5695	5976
Total		20940	21580	48543	57059



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Table 9 Solar Generation 2022-23

S. No	Month	Medical College Inverter 3	Medical College Inverter 4	Medical College Inverter 5	Medical College Inverter 6
1	Jun-22	0	5844	0	3309
2	Jul-22	0	4724	0	3773
3	Aug-22	0	4776	0	3755
4	Sep-22	0	5188	0	3819
5	Oct-22	0	6296	0	0
6	Nov-22	0	5840	0	0
7	Dec-22	0	5384	0	0
8	Jan-23	0	0	0	0
9	Feb-23	0	0	0	0
10	Mar-23	0	0	0	0
11	Apr-23	0	0	0	0
12	May-23	0	0	0	0
Total		0	38052	0	14656

Table 10 Total Solar Generation 2022-23 For All Buildings:

S No.	Months	Buildings	Total Solar Generation
1	June 2022-May 2023	Jr. Boys Hostel 1	34935
2		Jr. Boys Hostel 2	31165
3		Sr. Boys Hostel 1	35287
4		Sr. Boys Hostel 2	32156
5		Hospital Private	42545
6		Hospital ICU	60123
7		Hospital Emergency 1	34295
8		Hospital Emergency 2	35499
9		Nursing College	73791
10		Dental College 1	19077
11		Dental College 2	61007
12		Dental College 3	32731
13		Boys Hostel BDS	20940
14		Girls Hostel BDS	21580
15		Medical College Inverter 1	48543

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S No.	Months	Buildings	Total Solar Generation
16		Medical College Inverter 2	57059
17		Medical College Inverter 3	0
18		Medical College Inverter 4	38052
19		Medical College Inverter 5	0
20		Medical College Inverter 6	14656
		Total	693441

Estimate Solar PV Generation According to Solar PV Calculator:

Month	Solar Radiation (kWh / m ² / day)	AC Energy (kWh)
January	5.28	77,024
February	6.25	79,546
March	6.99	95,145
April	7.10	90,795
May	6.88	90,125
June	6.22	81,569
July	5.21	73,544
August	5.27	74,319
September	6.18	83,377
October	6.07	84,658
November	5.66	78,246
December	5.14	74,962
Annual	6.02	983,310

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A handwritten signature in blue ink, reading 'Ankur Mantri', is positioned above the printed name.

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Observation:

1. During our observation, we noted that there is a significant difference between the actual solar energy generation and the estimated solar generation. The actual solar generation was measured at 983,310 units, while the estimated solar generation was calculated to be 693,441 units. This results in a difference of **289,869** units. The variance between the actual and estimated solar generation can be influenced by various factors. Some of the common reasons for such discrepancies include shading issues, dirt or dust build-up on the solar panels, inefficiencies in the system components, weather conditions, and inaccuracies in the initial estimation calculations.
2. In some buildings, solar panels are not generating energy due to the presence of malfunctioning panels. The failure of these panels can occur for various reasons, such as manufacturing defects, damage from extreme weather events, wear and tear over time, or poor installation practices.
3. In certain buildings, the solar inverter capacity is 50 kW, but the actual solar energy generation is significantly lower in comparison to the inverter's capacity. This mismatch between the inverter's capacity and the solar energy output can be due to various factors that affect the overall performance of the solar power system.

Key aspects of solar operational maintenance include:

1. **Cleaning:** Regularly cleaning the solar panels is crucial to remove dust, dirt, bird droppings, and other debris that can accumulate on their surface. Clean panels can capture more sunlight and generate more electricity.
2. **Inspection:** Periodic inspections are carried out to check for any physical damage, loose connections, or other issues that may affect the system's performance. Prompt identification and resolution of problems are important to prevent energy losses.



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3. **Performance Monitoring:** Continuous monitoring of the solar power system's performance helps track energy generation, identify variations in output, and detect any potential malfunctions.
4. **Inverter Maintenance:** Inverters are a vital part of the solar system, converting DC power from solar panels into usable AC power. Regular checks and servicing of inverters ensure their proper functioning and efficiency.
5. **Battery Maintenance (if applicable):** For solar systems with energy storage batteries, proper maintenance is necessary to maintain their capacity and overall performance.
6. **Upgrades and Repairs:** As solar technology advances, it may be beneficial to consider system upgrades or replacements to improve efficiency and performance. Timely repairs are essential to address any faults or failures.
7. **Weatherproofing:** Ensuring that the solar components are adequately protected from adverse weather conditions, such as rain or extreme temperatures, can enhance their durability.
8. **Record Keeping:** Maintaining comprehensive records of maintenance activities, inspections, and performance data helps in tracking the system's history and making informed decisions.

Regular solar operational maintenance not only optimizes energy production but also contributes to the system's long-term sustainability.

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8 Compliances and Certification

This part shall indicate compliance and certification that has been adhered to in this project –

1. The data collection has been carried out diligently and truthfully.
2. All the devices are in good working condition and have been calibrated or certified by approved agencies authorised and no tempering of such devices has occurred.
3. The energy audit has been carried out in accordance with the guidelines of Bureau of Energy Efficiency, Ministry of Power, India.

The report has been reviewed by Certified Energy Auditor, Mr. Ankur Mantri.



Ankur Mantri

BEE Certified Energy Auditor

LEAD Auditor ISO – 50001, Energy Management System

Partner

Design2Occupancy Services LLP



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9 Annexure:

9.1 Checklists: Physical Acceptance & Performance Test:

I. Condenser Pump Checklist:

Physical Acceptance Test			
Equipment Name	Condenser Pump	Location	SRCC plant
Motor KW / Poles	18.5/4	Sub location	Plant room
Pump Type	Centrifugal	Date of testing	18-06-2023

Item	Description	Result		Remarks
		Yes	No	
Water Circulating Pump Mechanical Checklist				
1	Pump is clean and free from any damage.	√		Pump foundation is damaged
2	All Components, Nuts, bolts, Washers fixing are secured	√		
3	Pump tagging is done.	√		
4	No water leakage from Gland/Seals		√	Gland Leakage Found
5	Coupling Guards are fitted.		√	
6	Pressure & temperature gauges are installed .		√	
7	Y-Strainer is fitted with drain valve	√		
8	Non-return valve Operation & Direction	√		
9	Flexible connectors are installed.	√		



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Item	Description	Result		Remarks
		Yes	No	
10	DPS is installed.		√	
Water Circulating Pump Electrical Checklist				
1	Ensure that main breaker is isolated.	√		
2	Earthling of Motor is proper.	√		
3	Local Control Panel is Located close to the pump.	√		
4	Differential pressure switch is fitted for BMS		√	Dp switch & BMS not installed
5	VFDs synchronized with pumps		√	Not installed
Water Circulating Pump Operational Checklist				
1	Ensure enroute valves are in desired position.	√		
2	Motor rotation is correct.	√		
3	Pump is free from abnormal vibration & undue noise.	√		
4	No abnormal overheat or over current of motor.	√		
5	No seepage of lubricant from bearing housing.	√		
6	Check running current is balance on all phases.	√		
7	Emergency push button is properly working		√	Not provided
8	Check voltage on all phases is within equipment range.	√		
9	No seepage of lubricant from bearing housing.	√		



Performance Test			
Equipment Name	Water Cooled Chiller	Location	SRCC plant
Motor KW / Poles	18.5/4	Head (Rated)	32 M
Power Factor	0.85	Flow (Rated)	55 LPS
Year of installation		Date of testing	18-06-2023
PUMP PARAMETERS	DESIGN	MEASURED	REMARKS
OPERATING PRESSURE			
OPERATING HEAD (Meter)	28	21.63	
WATER FLOW(lps)	18	16.7	
ELECTRICAL PARAMETER			
MOTOR RATED POWER (KW)	18.5	19.13	
RATED CURRENT (A)	30	R 32.5	32.73
		Y 32.6	
		B 33.1	
VOLTAGE (V)	415	R-Y 398	397.3
		Y-B 398	
		B-R 396	
EFFECIENCY (%)		66.70	
Hydraulic Power = (KW) = Q*ρ *head*g/1000		12.76	



II. Chilled Water Pump Checklist:

Physical Acceptance Test				
Equipment Name	Water Cooled Chiller Pump	Location	SRCC Plant	
Equipment Make (Model)	Grundfos	Sub location	Plant room	
Motor KW / Poles	7.5 / 4	Date of testing	17-06-2023	
Item	Description	Result		Remarks
		Yes	No	
Water Circulating Pump Mechanical Checklist				
1	Pump is clean and free from any damage.	√		
2	All Components, Nuts, bolts, Washers fixing are secured	√		
3	Impellers are secured and freely rotated.	√		
4	Pump levelling is proper.	√		
5	Pump tagging is done.	√		
6	No water leakage from Gland/Seals	√		
7	Coupling Guards are fitted.	√		
8	Y-Strainer is fitted with drain valve	√		
9	Non-return valve Operation & Direction	√		
10	Pipe insulation with aluminium cladding done.	√		



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Water Circulating Pump Electrical Checklist				
1	Ensure that main breaker is isolated.	✓		
2	Earthling of Motor is proper.	✓		
3	Local Control Panel is Located close to the pump.	✓		
4	Differential pressure switch is fitted for BMS		✓	
5	VFDs synchronized with pumps		✓	
Water Circulating Pump Operational Checklist				
1	Ensure enroute valves are in desired position.	✓		
2	Motor rotation is correct.	✓		
3	Pump is free from abnormal vibration & undue noise.	✓		
4	No abnormal overheat or over current of motor.	✓		
5	No seepage of lubricant from bearing housing.	✓		
6	Check running current is balance on all phases.	✓		
7	Motor RPM.		✓	No Provision to check.
8	Emergency push button is properly working		✓	Not provided
9	Check voltage on all phases is within equipment range.	✓		
10	No seepage of lubricant from bearing housing.	✓		



Functional Performance Test				
Equipment Name	Water Cooled Chiller	Location	SRCC Plant	
Equipment Make (Model)		Sub location	Plant room	
Motor KW / Poles	7.5 / 4	Head (Rated)	15 M	
Power Factor	0.85	Flow (Rated)	105 (m³/h)	
Year of installation		Date of testing	25-04-2023	
PUMP PARAMETERS	DESIGN	MEASURED	REMARKS	
1.Operating Pump Head (Meter)	15	26.74		
2. WATER FLOW (m³/h)	105	68.17		
2. NOISE AT 1metre DISTANCE FROM PUMP. (dBA)		83	Background noise due to chiller	
ELECTRICAL PARAMETER				
MOTOR RATED POWER (KW)	7.5	7.97		
RATED CURRENT (A)	13.5	R	13.8	13.77



		Y	13.6	
		B	13.9	
VOLTAGE (V)	460	R-Y	398	398.6
		Y-B	398.2	
		B-R	399.6	
Hydraulic Power = (KW) = $Q \cdot \rho$ *head*g/1000		4.96		
Efficiency (%)		62.23		



III. Chiller Checklist:

Physical Acceptance Test				
Equipment Name	Water Cooled Chiller	Location	SRCC	
Equipment Make (Model)	TRANE (RTHDD1F1F2)	Sub location	Plant room	
Chiller Capacity	315 TR	Date of testing	17-06-2023	
Item	Description	Result	Remarks	
		Yes	No	
Water Cooled Chiller Mechanical Checklist				
1	No external damage is observed.	√		
2	All Components, Nuts, bolts, Washer's fixing are secured	√		
3	Anti-vibration mounting is fitted properly.	√		
4	Evaporator casing and all accessories of chiller is insulated.	√		
5	Pressure gauges and temperature gauges are installed properly.		√	Pressure Gauges are faulty.
6	Flow switches are installed.		√	
7	Anti-fouling device is installed.		√	
8	Motorized / Manual Butterfly valves are installed.	√		Manual Valves installed.
9	Pipes support of chiller is proper.	√		Some supports are rusted.
10	Clearance around the unit for maintenance purpose.	√		
11	Equipment tagging is provided.	√		



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12	Insulation is proper for chilled water line.	√		
Water Cooled Chiller Electrical Checklist				
1	Power & control cables are correctly installed.	√		
2	Cable terminations is correct & secured to termination box & properly glanded.	√		
3	Earthling of Chiller is proper & completed.	√		
4	Cable tagging is done.		√	
5	Ensure that main breaker is isolated.	√		
6	Anti-fouling device panel installed properly.		√	Anti-fouling device not installed.
Water Cooled Chiller Operational Checklist				
1	Check running current is balanced in all phases.	√		
2	Earthling of chiller is proper & completed.	√		
3	Chiller is free from abnormal noise.	√		
4	Chiller is free from abnormal vibration.	√		
5	Check voltage on all phases are within range as per equipment.	√		
6	Ensure enroute valves are in desired positions.	√		
7	The sequence for start of chiller, pump and cooling tower.	√		
8	Check chilled water flow rate.	√		
9	All valves are in correct position to provide correct flow path.	√		



IV. AHU Checklist:

Physical Acceptance Test				
Equipment Name	Air Handling Unit	Location	SRCC	
Equipment Make	Waves	Date of testing	18-06-2023	
Item	Description	Result		Remarks
		Yes	No	
AHU Mechanical Checklist				
1	External and internal cleanliness of AHU	√		
2	All components, bolts fixing is secured	√		
3	Impellers are secured and freely rotated by hand	√		
4	Vibration isolators are provided, and anti-vibrational mounting is properly fitted	√		
5	Flexible connection is secured and airtight	√		
6	Drain pan has been provided with proper slope	√		
7	Cooling coils and fins are good in condition	√		
8	Panel type filters has been provided	√		
9	No visible air leakage gaps	√		

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	surrounding the filters			
10	Door guard is provided		√	
11	Drain line is connected to the nearest drain	√		
12	Drainpipe insulation is provided	√		Damaged
13	Temperature and pressure gauges are provided		√	Temperature gauge not installed in return water line.
14	Butterfly valves and its operation	√		
15	PICV/two-way valve	√		
16	Chilled water pipe insulation	√		
17	Manual damper in air plenum	√		
18	Duct insulation Is proper	√		

AHU Electrical Checklist

Item	Description	Result		Remarks
		Yes	No	
1	Power and current wiring correctly installed	√		
2	Cable termination to motor is properly glanded.	√		
3	Door Limit Switches had been provided		√	Limit switch is not Working



4	Motor earthing has been provided correctly	√		
AHU Operational Checklist				
Item	Description	Result		Remarks
		Yes	No	
1	AHUs fan rotation is correct	√		
2	Run the unit for 3 minutes	√		
3	AHU free from abnormal vibration & undue noise	√		60.4 Db
4	Ensure Enroute dampers are in desired position	√		
5	Door limit switch interlocked with fan motor	√		
6	No abnormal overheat or over current of motor	√		R:2.1, Y:2, B:2.2
7	Check running current is balance in all the phases	√		
8	Check voltage on all phases are within range	√		



Functional Performance Test					
Equipment Name	Air Handling Unit		Location	SRCC	
Capacity (CFM)	4200		Date of testing		18-06-23
Performance Data Parameters	UOM		Design Data	Measured / Calculated Readings	Remarks
Motor Data	Voltage	V	415 V	390, 388, 389	
	Rotation	r/min	1472	1482	
	Current	A	3.5	2.1, 2, 2.2	
Air Side	Supply Air DB Temp (DBTs)	°C	22	20	
	Supply Air WB Temp (WBTr)	°C	18	16	
	Return Air DB Temp. (DBTr)	°C	26	25	
	Return Air WB Temp (WBTr)	°C	22	20	
	Supply Air Enthalpy (Hs)	Btu/lb	21.82	20.11	
	Return Air Enthalpy (Hr)	Btu/lb	27.66	25.75	



	Enthalpy Difference (ΔH)	Btu/lb	5.84	5.64	
	Air Flow	CFM	4200	3809	
Cooling capacity BTU = 4.5 cfm Δh	96672.42		TR = BTU/12,000	8.06	



9.2 Electricity Bills: June 2022- May 2023:

[illegible]

Asker

Asker

Asker

Asker

12, 13, 14 RPOD ISI 10, 15, 20, 21 BIPD ORK REPORT
 9001890274
 PAN No.: AAAJM1810A
 6-अंत
 834435
 निवत भुगतान तिथि
 14-12-2022
 बिलिंग स्थिति : R
 कुल माह वित्त : 1

पिछले बिल का राशि (रु.)	वर्तमान देय राशि (रु.)	निवत तिथि तक कुल देय राशि (रु.)	विलम्ब भुगतान सस्कार (रु.)	निवत तिथि तक कुल देय राशि
0.00	8775533.80	8775534.00	166990.99	8942525.00

सेवा क्रमांक	39	स्वी. श्रेणी	NDS-HT	क्र.सं.	विपुल बिल विवरण	बिल राशि (रु.)
खाता संख्या	06920752	टैरिफ कोड	2011	1	विपुल चार्ज	7384749.75
स्वी. कोड (कि.वा./क.वा.)	6050 (KW)	एलसी/गामीण	U	2	संग्रही शुल्क	830250.80
जोड़ने/हटाने कोड (कि.वा./क.वा.)	6050 (KW)	मीटरिंग टाइप	1	3	फायर सरचार्ज	582819.51
जोड़ने/हटाने कोड (कि.वा./क.वा.)	4100	मीटर स्वाभित्त	B	4	किमांड सरचार्ज	0.00
पावर फेक्टर	0.991	सप्लाय वोल्टेज	33000	5	पावर फेक्टर सस्कार (जोड़ने/हटाने कोड 1/2/3/4/5/6/7/8/9/10/11/12/13/14/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100)	-228927.24
बिलिंग डिमांड	3075	मीटरिंग वोल्टेज	230	6	अवधिगत उपभोग राशि	0.00
मीटर की स्थिति	R	फीडर कोड	2263128	7	सी. टी./पी.टी. किराया	2200.00
उपभोक्ता की स्थिति	R	अमानत राशि (रु.)	5514094	8	ट्रांसफार्मर किराया	0.00
वर्तमान पठन तिथि	01-12-2022	मीटर सुरक्षा राशि (रु.)	0	9	अन्य	0.00
गत पठन तिथि	01-11-2022	अमानत राशि (रु.)	1061641	10	रिबेट्स (-)(1) वोल्टेज (Other Rebates)	-221542.49
वर्तमान स्थापित मीटर नं.	3132354	गुणांक	90	11	(2) सोलर / सिस्टम	-0
वर्तमान पठन (KWH)	487085.3	गत पठन (KWH)	477813.8	12	निगम राशि (कम सं. 1 से 10 तक का योग)	8343549.53
वर्तमान पठन (KVAH)	491409.1	गत पठन (KVAH)	482058.5	13	विपुल शुल्क वर्तमान उपभोग पर	333774.00
वर्तमान पठन (KVA)	21.4	गत पठन (KVA)	32.22	14	जल संरक्षण उपकर	83443.50
बिलिंग गैर-प्रतिक्रिया मीटर नं.	0	गुणांक	0	15	नगरीय उपकर	0.00
वर्तमान पठन (KWH)	0	गत पठन (KWH)	0	16	अन्य देय / जमा कोड	0.00
वर्तमान पठन (KVAH)	0	गत पठन (KVAH)	0	17	सोड पर संयोजित (TCS) / TDS	8756.77
वर्तमान पठन (KVA)	0	गत पठन (KVA)	0	18	संयोजित राशि (Lock Adjustment)	0.00
वर्तमान पठन (KVAH)	0	गत पठन (KVAH)	0	19	कुल उपभोग राशि (कम सं. 1 से 17 तक का योग)	8775533.80
वर्तमान पठन (KVA)	0	गत पठन (KVA)	0	20	पिछले बिल तक बकाया राशि	0.00
वर्तमान पठन (KVAH)	0	गत पठन (KVAH)	0	21	स्थगित बकाया राशि	0.00
वर्तमान पठन (KVA)	0	गत पठन (KVA)	0	22	राज्य सरकार द्वारा वहन राशि (1) टैरिफ कमिशन	0.00
वर्तमान पठन (KVAH)	0	गत पठन (KVAH)	0	23	(2) मुख्यमंत्री किसान मित्र ऊर्जा योजना में अनुदान	8775534.00
वर्तमान पठन (KVA)	0	गत पठन (KVA)	0	24	कुल देय राशि (कम सं. 18+19+21)	0.00
वर्तमान पठन (KVAH)	0	गत पठन (KVAH)	0	25	मुख्यमंत्री किसान मित्र ऊर्जा योजना में उपलब्ध राशि	0.00
वर्तमान पठन (KVA)	0	गत पठन (KVA)	0	26	कुल देय राशि (कम सं. 18+19+21)	0.00

Incremental Monthly Consumption of existing Consumer
 Consumption of new consumer

उपभोग	रा. क्षति	कुल उपभोग
(KWH)	834435	834435
(KVAH)	841554	
(KVA)	1926	

Sundry Adjustment Code & Description (Max 7 Entry Showing)

Code	Description	Amount
Regular <td>408854.25</td> <td>173965.26</td>	408854.25	173965.26
Special <td></td> <td></td>		

Bank Details for payment through RTGS/NEFT
 Beneficiary : JVVNL
 IFSC Code : YESB0CMSNOC
 Account No. : JVVNL1210461002150

पिछले बारह बिलिंग माह में अंकित उपभोग एवं युनिट

माह	202112	202201	202202	202203	202204	202205	202206	202207	202208	202209	202210	202211
उपभोग	670872	729354	780600	620622	1083996	1407663	1798380	1754847	1653930	1437952	1385928	1026594

जयपुर विद्युत वितरण निगम लिमिटेड
 विद्युत उपभोग विवरण (कार्यालय प्रति.)


उपभोक्ता का नाम MAHATMA GANDHI
 बिल माह 202212
 वर्तमान खाता संख्या 06920752
 उपखण्ड कोड 2104610
 वृत्त व उपखण्ड AEN F-I SITAPURA

भुगतान का माध्यम : नगद/चैक नं.
 निवत भुगतान तिथि 14-12-2022
 निवत भुगतान तिथि तक देय राशि 8775534
 निवत भुगतान तिथि पश्चात देय राशि 8942525

1051

Asker

Ankur Mantri
BEE Certified Energy Auditor


Ankur Mantri
BEE Certified Energy Auditor

Asker

Amer

Amer



MAHATMA GANDHI UNIVERSITY *of* MEDICAL SCIENCES & TECHNOLOGY JAIPUR

ENVIRONMENT AUDIT REPORT

Campus:

RIICO Institutional Area, Sitapura, Tonk Road, JAIPUR – 302 022 (Raj.) INDIA | Phone : +91-141-2771804 • 2771777 | Fax : +91-141-2771805 • 2771807
Website : www.mgumst.org | Email : info@mgumst.org | **Sponsoring Body : India Education Trust**

ENVIRONMENT & GREEN AUDIT REPORT FOR

**MAHATMA GANDHI UNIVERSITY OF MEDICAL
SCIENCES & TECHNOLOGY
(Mahatma Gandhi Hospital)**

**Location: Plot no.12, 13, 14, 19, 20, 21, 18, 18A, 14A, Sitapura Industrial
area, Sanganer, Jaipur, Rajasthan.**



June 2023

Prepared By

GAURANG ENVIRONMENTAL SOLUTIONS PVT. LTD.

**#102, SNG, Shree Ratna Apartment, Peetal factory, Bani Park, Jhotwara road, Jaipur-
302016**

E-mail: Projectdata@gauranggroup.com

GAURANG ENVIRONMENTAL SOLUTIONS PVT. LTD.

SIMPLIFYING SUSTAINABILITY



ISO 9001: 2015 certified

NABET accredited EIA Consultants

NABET Approved GWCO Consultants

Ref No. GESPL/ MGUMST/ Correspondence/ 2023- 24/ 028

Date: 28.06.2023

M/s Mahatma Gandhi University of Medical Science and Technology
RIICO Institution Area
Sitapura, Tonk Road,
District Jaipur
Rajasthan, 302022

Subject- **Environment Audit Report** of M/s Mahatma Gandhi University of Medical Science and Technology. Reg

GAURANG ENVIRONMENTAL SOLUTIONS PVT. LTD.

SIMPLIFYING SUSTAINABILITY

ISO 9001: 2015 certified

NABET accredited EIA Consultants

NABET Approved GWCO Consultants

Dear Sir/madam,

Greetings from Gaurang Environmental Solutions Private Limited., a NABET Approved, ISO 9001:2015 Environmental/Legal Consulting Firm providing Services across the Country.

Our technical and expert team conducted Environment Audit of your organization as per the guidelines issued by NAAC/Central and state board authorities to your satisfaction and submitted environment audit report accordingly, a copy of Environment audit report duly signed is attached herewith for your reference and record.

We hope you will consider Gaurang Environmental Solutions Private Limited for your future Environment audit requirement also.

Please Acknowledge Receipt.

Thanking you

Yours faithfully,



Gaurang Environmental Solutions Private Limited
Jaipur

EXECUTIVE SUMMARY

This Report is an attempt of Environment Audit team to provide an overview of the Environment System at Mahatma Gandhi University Of Medical Sciences And Technology RIICO institution area, sitapura, Jaipur Rajasthan. The report also highlight aspects of Environment i.e. Water Environment and Audit, Air Environment, Noise Environment, Waste Management, Green Area, Additional areas, and Environment Conservation Measures Opportunities in University Premises. A set of recommendation which will assist in improving Environment Efficiency has also been highlighted in this Report. This report has emerged after a detailed Environment Audit conducted in university premises in 12.06.2023.

This Report is for the year 2022-23 and data has been collected till June 2023.

Project Title	Report No.	
Environment Audit for Mahatma Gandhi University Of Medical Sciences And Technology	GESPL/ MGUMST/ Correspondence/ 2023- 24/ 028	
Client		
Mahatma Gandhi University Of Medical Sciences And Technology		
Contact person-	Mr. Mukesh	
Date of Audit		
12.06.2023		
Date of Report	Date of Approval	
12.06.2023	12.06.2023	
No distribution without permission from the client or responsible organization or unit		
Final Report Approved	By Gaurang Environmental Solutions Private Limited, Jaipur	
		Date 12.06.2023

The Report is valid till June 2024.

ENVIRONMENT AUDIT REPORT

1. INTRODUCTION

Mahatma Gandhi Medical College & Hospital have 1450 bedded teaching hospitals known as Mahatma Gandhi Hospital and also have a full-fledged teaching Dental Hospital- both located in the same University campus. The teaching Hospital has many specialties which make it distinctive from other routine medical college hospital. We have the Super Specialty Services of Paediatric nephrology, Anaesthesiology, General Surgery, Paediatric, Medicine, Arthroscopy & Sports, Medicine, Genetics, Paediatric Surgery, Cardiac Care Center, Neonatology, Radiology, Cardio Thoracic & Vascular Surgery, Nephrology, Urology, Chest and TB, Neuro Surgery, Plastic Surgery, Clinical Nutrition, Neurology, IVF & Reproductive Medicine, Dermatology & Venereology, Obstetrics & Gynaecology, Medicine Oncology, Surgical Oncology and Radiation Oncology, Ear Nose Throat, Ophthalmology, Interventional Radiology, Gastroenterology, Orthopaedic Surgery and Nuclear Medicine.

General Information:

Name of the Project : Mahatma Gandhi Medical College & Hospital
Location : Plot no.12, 13, 14, 19, 20, 21, 18, 18A, 14A, Sitapura Industrial area, Sanganer, Jaipur, Rajasthan



Figure 1: Photograph showing Hospital Building

Project	: Environment Audit for Mahatma Gandhi University of Medical Sciences & Technology
Promoter	: Mahatma Gandhi Medical College & Hospital

2. INTRODUCTION TO ENVIRONMENTAL AUDIT

Environmental audit is a extensive term that reflects various kinds of evaluations intended to identify environmental compliance and management system, implementation gaps, along with related corrective actions. It aims to analyze environmental practices within and outside of the concerned sites, which will have an impact on the ecofriendly ambience. It may include assessing air and water quality, waste management practices, energy consumption, pollution prevention measures, and the overall environmental impact of the organization's operations.

3. NEED FOR ENVIRONMENTAL AUDIT

If self-enquiry is a natural and necessary outgrowth of a quality education, it could also be stated that institutional self-enquiry is a natural and necessary outgrowth of a quality educational institution. As environmental sustainability is becoming an increasingly important issue for the nation, the role of higher educational institutions in relation to environmental sustainability is more prevalent.

The rapid urbanization and economic development at local, regional and global level has led to several environmental and ecological crises. On this background, it becomes imperative to adopt the system of the "Green Campus" for the Institutes which will lead to sustainable development and at the same time reduces a sizable amount of atmospheric carbon dioxide from the environment.

Environmental audits are a proactive approach to identify weaknesses and implement corrective actions. By regularly conducting audits, organizations can monitor their progress, track performance indicators, and ensure continual improvement in their environmental management systems and practices.

The National Assessment and Accreditation Council, New Delhi (NAAC) has made it mandatory that all Higher Educational Institutions should submit an annual Green Audit Report. Moreover, it is part of Corporate Social Responsibility of the Higher Educational Institutions to ensure that they contribute towards the reduction of global warming through Carbon Footprint reduction measures.



Project	: Environment Audit for Mahatma Gandhi University of Medical Sciences & Technology
Promoter	: Mahatma Gandhi Medical College & Hospital

4. OBJECTIVES OF ENVIRONMENTAL AUDIT

Concern about environmental degradation and realization of values of environment are logical consequences of scholarly research, teaching and learning process. In its pursuit for improving environmental quality and to maintain a pristine environment for the future generations of students, following objectives to achieve are:

- Establishing a baseline of existing environmental conditions with focus on natural and physical environment;
- Understanding the current practices of sustainability with regard to the use of water and energy, generation of wastes, purchase of goods, transportation, etc;
- Awareness generation among students concerning real issues of environment and its sustainability
- Promotion of environmental awareness through participatory auditing process; and
- To create a report that document baseline data of good practices and provide strategies and action plans towards improving environmental quality for future

5. AUDIT PARTICIPANTS

On the behalf of institution

Name	Position/Department
Mr. Subodh Beaspal	NAAC Project Coordinator

On the behalf of Gaurang Environmental Solution Private Limited

Name	Position/Department
Mr. Vipul Khandelwal	EIA Coordinator, (Building and Construction), IGBC Accredited professional
Pooja Bunker	EIA Coordinator, (Building and Construction), GEM CP
Varsha Joshi	Compliance Division

6. METHODOLOGY

Survey methodology

This compilation is based on the Survey by Questionnaire and group discussion with authorized person. The survey was done in the whole project area by dividing it into six sections. On the basis of data requirement, set of questionnaires about water environment, air environment, soil



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Promoter	: Mahatma Gandhi Medical College & Hospital

environment, waste generation, storage, collection and transport and greenbelt development were prepared.

A checklist for every sector was prepared that contained the general information of the concerned section, including name of the section, total number of employees, number of buildings along with the area under build up. The maintaining of records for handling of solid and hazardous wastes, biomedical waste, radioactive waste holds much importance in green audit. It is quite possible that the loss of water and energy resources can occur due to improper maintenances and therefore their assessment holds importance as far as green audit is concerned.

Data Evaluation

The information gathered during the surveys was compiled for the further analysis. It consists of the audit protocol, documentation supplied by the University administration, the auditor's own recordings, results of the sampling and monitoring photographs, records, plans, maps, audit findings and reviewing documentation against standards, policies and action plans and gathering support to the answers of the questions.

7. AREAS OF ENVIRONMENT AUDIT

- **Water Environment and Audit**
- **Air Environment**
- **Noise Environment**
- **Waste Management**
- **Green area**

I. Water Environment

The total water requirement for the project is 1636 KLD out of which fresh water is 830 KLD sourced from ground water and the recycled water is 786 KLD from STP. Details as under:-

Table 1: Total water requirement

S. No	Particulars	Details
1.	Water Consumption	1636 KLD
a.	Fresh water	830 KLD
b.	Treated water from STP	786 KLD
2.	Source	Ground water supply
3.	No of Borewells/tubewell	8 nos.



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Promoter	: Mahatma Gandhi Medical College & Hospital

4.	No of active borewells	8 nos.
5.	No. Of Piezo well	2 nos.

o Water Audit

Water audit is conducted periodically to determine water supplied in the distribution system as well as water lost and/or used within a distribution system. It aims to establish the water consumption pattern in individual sections, so as to realize the consumption levels with respect to exploring various pollution prevention and waste water minimization opportunities. Water audit also helps to establish the existing water distribution system as well as waste water collection and recycling.

The water is supplied in the premises via ground water supply. At present there are 8 borewells at site and 8 bore wells are active and are being used as water source.

- ✓ The permission from central ground water authority for Ground water extraction is enclosed as **Annexure I**. Compliance has been submitted for the same.
- ✓ A log book record is being maintained at site for extraction of water from borewells, logbook record is enclosed as **Annexure II**.



Figure 2: Photographs showing Bore wells and Piezometer

- ✓ The recording of water level is being done via a Piezometer installed at site.
- ✓ The total water requirement for the project is 1636 KLD out of which fresh water is 830 KLD sourced from ground water and the recycled water is 786 KLD from STP. The utilizations of such a huge resource of water include usage for drinking, cleaning, laboratory use, garden use,

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Promoter	: Mahatma Gandhi Medical College & Hospital

leakages and overflows sometimes. The waste water generated is disposed off into the STP of capacity cumulative capacity of 700 KLD (100 KLD + 400 KLD + 200 KLD) based on bio Culture Technology.

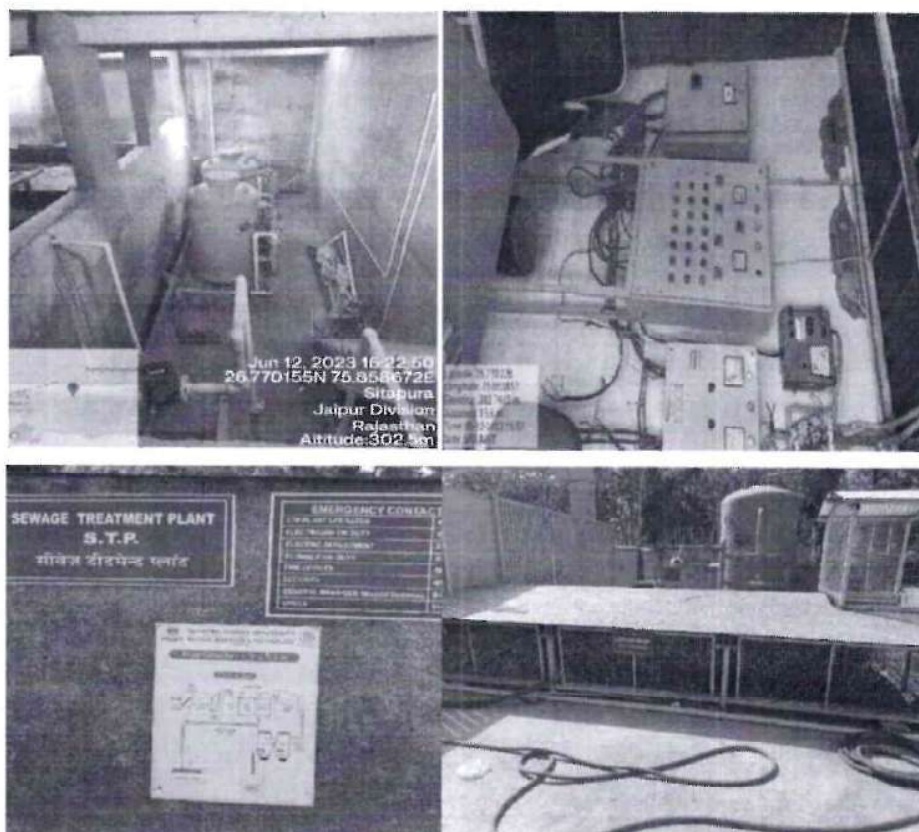


Figure 3: Photographs showing Sewage treatment Plant (STP)

The Work Order and STP design feasibility report for STP and Log records are enclosed as **Annexure III**. The quantitative recording of waste water inlet and outlet treated water is being maintained. The dried sludge that is being generated at the completion of treatment is being given to the gardener and is used in landscaping.

o **Water analysis**

The water analysis by third party is being monitored on regular basis. The recent water monitoring reports are enclosed as **Annexure IV** by Jagdamba Laboratories (MoEF Approved).

The observations as per the water reports are as under:



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Promoter	: Mahatma Gandhi Medical College & Hospital

- ✓ The alkalinity level observed in Groundwater as per monitoring report is higher than permissible limit.

Table 2: Alkalinity level in Groundwater

Parameter	Test result	Acceptable limit*	Permissible limit*
Alkalinity	885 mg/L	200 mg/L	600 mg/L

**Acceptable limit and permissible limit as per IS 10500:2012 Standard limits for drinking water*

- ✓ The STP tertiary treatment (disinfection) is not being done properly. As per the monitoring report; the TDS value of STP inlet was reported as 3794 mg/L and STP outlet was reported as 3720 mg/L. Therefore, it can be concluded that STP is not working efficiently.
- ✓ The STP treated water is being used for Landscaping, but as the TDS reading of STP outlet was observed to be around 3720 mg/L, it is unfit for landscaping as the maximum limit for landscaping is 2100 mg/L.
- ✓ A small amount of STP treated water is also being used in construction activity.
- ✓ Dried sludge from STP is at present being given to gardener.
- ✓ In the STP monitoring report, parameters like E.coli and Total Coliforms were not analyzed.

○ **Strom water management**

Rainwater Harvesting: The structures are constructed for collection and storage of rain, rather than allowing it to run off. Rainwater is collected from a roof-like surface and redirected to a tank, cistern, deep pit (well, shaft, or borehole), aquifer, or a reservoir with percolation. There are 9 active Rain water harvesting structures constructed at site.

Table 3: Rainwater harvesting details

S. No	Particulars	Details
1.	No of Rain water harvesting pits	9 nos.
2.	Volume of each pit	313 m ³
3.	Recharge to the Ground	55412 m ³ /annum



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Promoter : Mahatma Gandhi Medical College & Hospital



Figure 4: Photographs showing the Rain water Harvesting Structure

Table 4: Water Compliance status and Recommendations

S. No	Particular	Details	Compliance status	Recommendation
1.	Fresh water	850 KLD	Complied	The fresh water demand is as per the approval in EC. Proper logs need to be maintained.
2.	Source	Ground water	Complied	NOC From central Ground water Authority has been obtained. Regular Compliance of the NOC needs to be submitted.
4.	Ground water Analysis	-	Non complied	The alkalinity level observed in Groundwater as per monitoring report is higher than permissible limit. The management for the same is required.
5.	RWH structures	-	Complied	Proper structures are being maintained for recharge of groundwater.
6.	Waste water	-	Non complied	<ul style="list-style-type: none"> The STP tertiary treatment (disinfection) is not being done properly. As per the monitoring report; the TDS value of STP inlet was reported as 3794 mg/L and STP outlet was reported as 3720 mg/L. Limit is high. The STP treated water is being used for Landscaping, but as the TDS reading of STP outlet was observed to be around 3720



Project : Environment Audit for Mahatma Gandhi University of Medical Sciences & Technology

Promoter : Mahatma Gandhi Medical College & Hospital

				<p>mg/L, it is unfit for landscaping as the maximum limit for landscaping is 2100 mg/L.</p> <ul style="list-style-type: none">• Sludge log book should be maintained.• The STP approval is as under: <table><tr><th>Particulars</th><th>No. of beds</th><th>STP capacity as per approval</th></tr><tr><td>As per EC</td><td>1500</td><td>850 KLD</td></tr><tr><td colspan="3">As per CTO</td></tr><tr><td>CTO dated 19.12.2018</td><td>1050</td><td>400 KLD</td></tr><tr><td>CTO dated 11.06.2020</td><td>1450 (Additional 400 beds)</td><td>Not exceed 400 KLD</td></tr><tr><td>Recommendation</td><td colspan="2">As per general calculation for 1450 beds, STP should be in proper working condition.</td></tr></table>	Particulars	No. of beds	STP capacity as per approval	As per EC	1500	850 KLD	As per CTO			CTO dated 19.12.2018	1050	400 KLD	CTO dated 11.06.2020	1450 (Additional 400 beds)	Not exceed 400 KLD	Recommendation	As per general calculation for 1450 beds, STP should be in proper working condition.	
Particulars	No. of beds	STP capacity as per approval																				
As per EC	1500	850 KLD																				
As per CTO																						
CTO dated 19.12.2018	1050	400 KLD																				
CTO dated 11.06.2020	1450 (Additional 400 beds)	Not exceed 400 KLD																				
Recommendation	As per general calculation for 1450 beds, STP should be in proper working condition.																					

II. AIR ENVIRONMENT AND AUDIT

All the preventive measures have been taken to reduce the air pollution and to maintain the ambient air quality. Air quality is being monitored regularly to ensure that it is within the prescribed limit.

○ Sources of Air Pollution:

The major sources of Air emissions are through D.G stack and traffic circulation. The D.G sets installed at site are as under:-

S. No	Capacity	Provided Stack Height	Parameters monitored
1.	2000 kVA	30 m	PM, SO ₂ , NO _x , CO and Lead
2.	1010 kVA	30 m	PM, SO ₂ , NO _x , CO and Lead



Project	: Environment Audit for Mahatma Gandhi University of Medical Sciences & Technology
Promoter	: Mahatma Gandhi Medical College & Hospital

3.	500 kVA	10 m	PM, SO ₂ , NO _x , CO and Lead
4.	380 kVA	10 m	PM, SO ₂ , NO _x , CO and Lead

Table 5: D.G sets installed at site

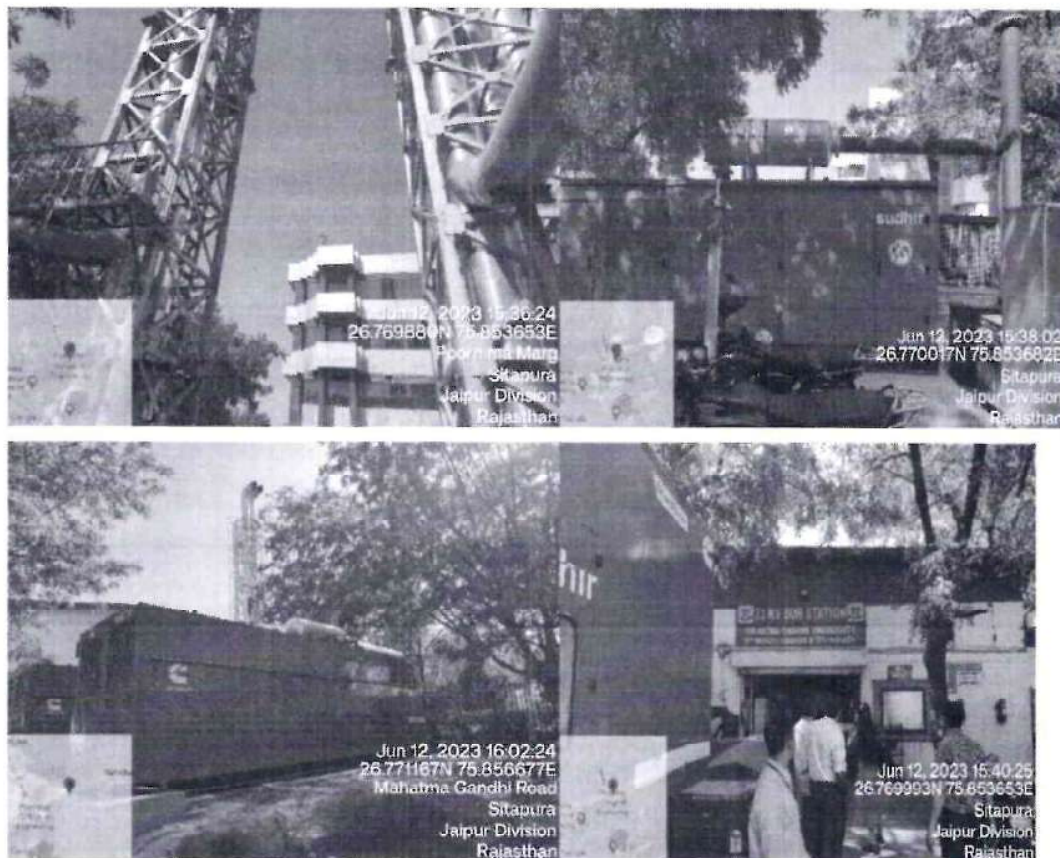


Figure 5: Photographs showing D.G Set

o **Mitigation Measures/Management:**

The D.G stack emission monitoring is being done regularly. The recent monitoring reports are enclosed as **Annexure IV** by Kadam environmental consultants Laboratories (MoEF Approved).

The observations of D.G emissions as per monitoring report are under prescribed limit. Proper storage wells are being provided at site for storage of diesel required for D.G sets.



Project	: Environment Audit for Mahatma Gandhi University of Medical Sciences & Technology
Promoter	: Mahatma Gandhi Medical College & Hospital



Figure 6: Photograph showing Diesel Storage Room

The vehicles that are being used within the premises are PUC certified. The greenbelt developed around the site acts as a cost effective solution for air pollution abatement.

S. No	Particular	Compliance status	Recommendation
1.	D.G stack monitoring	Complied	<ul style="list-style-type: none"> The parameter HC (380 kVA, 500 kVA) & NMHC (1010 kVA, 2000 kVA) are not being analyzed for D.G stack. The same must be analyzed. For control of emissions from D.G sets only stack of appropriate height is being provided. Wet scrubbers must be provided.
2.	Vehicular emission	Complied	PUC certified vehicles are being used at site
3.	Greenbelt development	Complied	Effective greenbelt development has been maintained.

Table 6: Mitigation measures Compliance status and Recommendations



Project : Environment Audit for Mahatma Gandhi University of Medical Sciences & Technology

Promoter : Mahatma Gandhi Medical College & Hospital

III. Noise Environment

All the preventive measures have been taken to reduce the noise pollution. Noise level is being monitored regularly to ensure that it is within the prescribed limit.

The major sources of noise pollution are through D.G sets, vehicular noise etc. Proper acoustic enclosures are being provided with D.G sets and greenbelt is developed around the area to reduce noise levels. The vehicles are regularly maintained to reduce noise level.

The ambient noise monitoring is being done regularly. The recent monitoring reports are enclosed as **Annexure IV** by Kadam environmental consultants Laboratories (MoEF Approved). The noise level monitored is observed to be higher than the prescribed limit as per Silence Zone. The results are as under:

Table 7: Noise levels at site

Sample Location : At Site (Main Gate)		
Date of sample collection : 16.12.2022		
S.No	Test Parameter	Results
1	Equivalent Noise Level Day Time (6:00 AM- 10:00 PM)	56.8 dB (A)
2	Equivalent Noise Level Night Time (10:00 PM-6:00 AM)	41.2 dB (A)
Requirement (as per CPCB Guidelines Limits in dB (A) Leq for Silence Category		
1	Equivalent Noise Level Day Time (6:00 AM- 10:00 PM)	50 dB (A)
2	Equivalent Noise Level Night Time (10:00 PM-6:00 AM)	45 dB (A)

Table 8: Noise level Compliance status and Recommendations

S. No	Particular	Compliance status	Recommendation
1.	Ambient Noise level	Complied	The noise level monitored is observed as per limit
2.	D.G noise level	Complied	Monitoring is been done for D.G sets.
3.	Acoustic enclosure	Complied	Proper Acoustic enclosures are being provided with D.G sets
4.	Greenbelt development	Complied	Effective greenbelt developed
5.	Vehicular maintenance	Complied	Proper maintenance of vehicles are being done.

PUC certificates are being maintained and enclosed as **Annexure V** and copy of valid CTO is enclosed as **Annexure VI**.



Project	: Environment Audit for Mahatma Gandhi University of Medical Sciences & Technology
Promoter	: Mahatma Gandhi Medical College & Hospital

IV. WASTE MANAGEMENT

The waste management is in order with the installation of dust bins and their daily cleaning. The hospital has its own collection facility that collects the wastes daily from hospital, canteen and hostel. This helps in maintaining the cleanliness by providing an efficient, safe and regulated management of wastes in the Campus.

o Solid waste

The major solid waste generation source is through hospital followed by hostel and canteen. The waste is being disposed on site with adequate number of dustbins provided on site. The waste is being collected on daily basis and is being sent to the authorized vendor.

The organic solid waste is being treated on site in waste processing room with organic waste convertor.



Figure 7: Waste processing room



Project	: Environment Audit for Mahatma Gandhi University of Medical Sciences & Technology
Promoter	: Mahatma Gandhi Medical College & Hospital

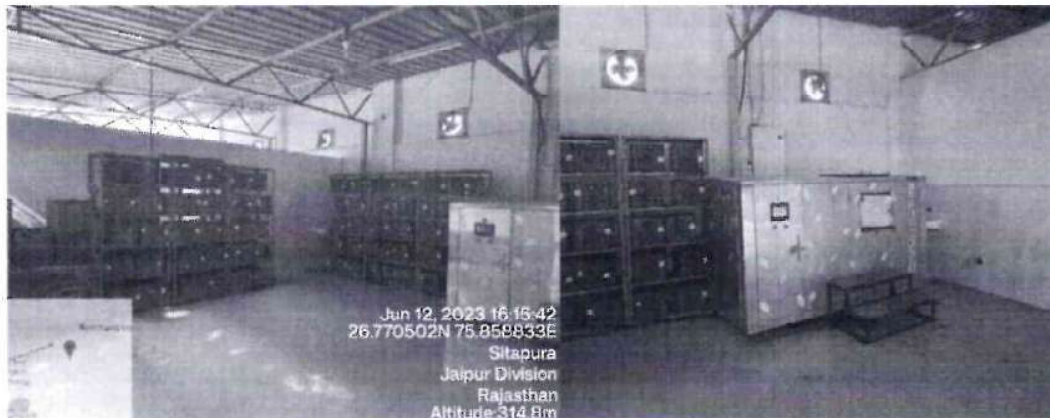


Figure 8: Photographs showing organic waste Converter installed at the site

The work order for organic waste converter is enclosed as **Annexure VII**.

○ **Hazardous waste**

Institutional hazardous waste including mainly research laboratories, research centers are among the sources of hazardous waste. The hazardous waste management is being done and the authorization under HOW (M&T) Rules, 2016 has not been obtained. The major source of hazardous waste is through spent oil from D.G sets. Application for obtaining authorization from State pollution control board is under process.

○ **Biomedical waste**

The healthcare facilities are the primary sources of biomedical waste. Biomedical waste or hospital waste is any kind of waste containing infectious (or potentially infectious) materials. The management of storage for waste is being done properly and waste is being stored as per Bio Medical Waste Management Rules – 2016 as subsequent amendments. Color coded bins are being used for specific waste type storage.



Project	: Environment Audit for Mahatma Gandhi University of Medical Sciences & Technology
Promoter	: Mahatma Gandhi Medical College & Hospital



Figure 9: Photographs showing biomedical waste storage areas



Project : Environment Audit for Mahatma Gandhi University of Medical Sciences & Technology

Promoter : Mahatma Gandhi Medical College & Hospital

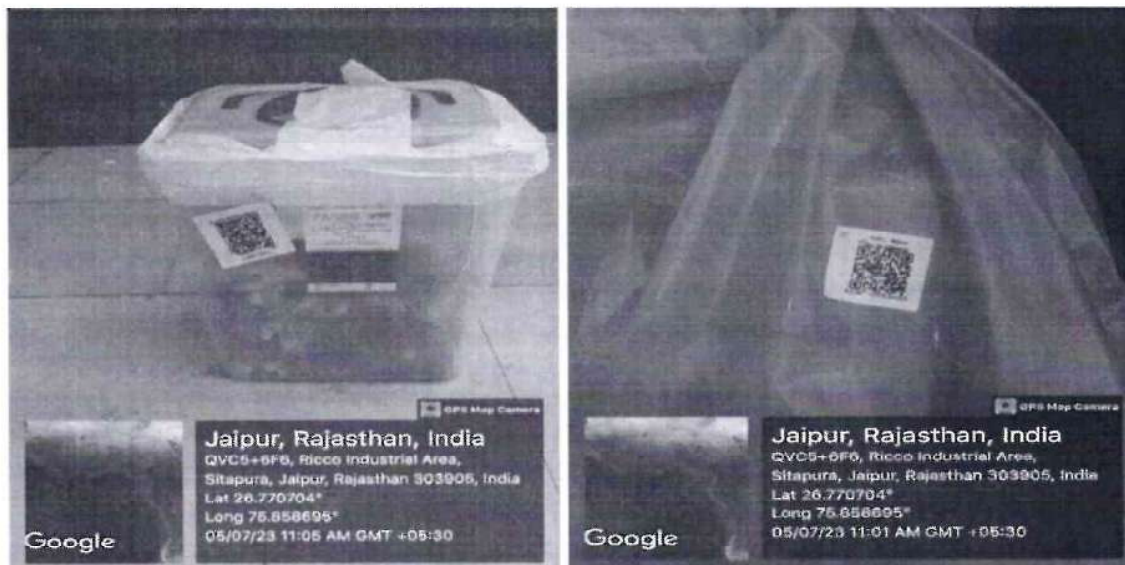


Figure 10: Photograph showing color coded bins

Annual Report of MGMCH is enclosed as **Annexure VIII**. The biomedical waste for treatment is being sent to CBWTF. The copy of valid agreement with CBWTF for 1450 beds is enclosed as **Annexure IX**.

The biomedical waste is being safely transported in bar coded non chlorinated bags. The certificate for non chlorinated bags with tax invoice is enclosed as **Annexure X**.

Bar code system has been installed.

○ **Radioactive waste**

Radioactive waste is a type of hazardous waste that contains radioactive material. Radioactive waste with respect to health care facility is being generated by use of nuclear medicine. The waste is being stored properly.



Date	B Wall 1 meter Reading Gas Plant	Consumption	B Wall 2 meter Reading College D.G.Room	Consumption	B Wall 3 meter Reading Dental College	Consumption	Total in consumption meter Reading	Total in ltr.
01-06-2022	16098	45	14262	56	45521	0	101	101000
02-06-2022	16143	45	14318	57	45521	0	102	102000
03-06-2022	16188	45	14375	55	45521	0	100	100000
04-06-2022	16233	43	14430	57	45521	144	244	244000
05-06-2022	16276	42	14487	56	45665	145	243	243000
06-06-2022	16318	43	14543	57	45810	144	244	244000
07-06-2022	16361	44	14600	56	45954	142	242	242000
08-06-2022	16405	45	14656	56	46096	143	244	244000
09-06-2022	16450	39	14712	55	46239	144	238	238000
10-06-2022	16489	0	14767	56	46383	143	199	199000
11-06-2022	16489	83	14823	55	46526	144	282	282000
12-06-2022	16572	41	14878	56	46670	144	241	241000
13-06-2022	16613	42	14934	55	46814	141	238	238000
14-06-2022	16655	42	14989	55	46955	142	239	239000
15-06-2022	16697	42	15044	56	47097	144	242	242000
16-06-2022	16739	42	15100	55	47241	143	240	240000
17-06-2022	16781	42	15155	54	47384	141	237	237000
18-06-2022	16823	43	15209	55	47525	142	240	240000
19-06-2022	16866	44	15264	54	47667	143	241	241000
20-06-2022	16910	45	15318	55	47810	147	247	247000
21-06-2022	16955	46	15373	52	47957	149	247	247000
22-06-2022	17001	44	15425	54	48106	145	243	243000
23-06-2022	17045	45	15479	55	48251	146	246	246000
24-06-2022	17090	45	15534	54	48397	151	250	250000
25-06-2022	17135	45	15588	54	48548	148	247	247000
26-06-2022	17180	45	15642	55	48696	147	247	247000
27-06-2022	17225	45	15697	49	48843	137	231	231000
28-06-2022	17270	45	15746	54	48980	147	246	246000
29-06-2022	17315	44	15800	55	49127	145	244	244000
30-06-2022	17359	46	15855	53	49272	147	246	246000
Total		1307		1646		3898	6851	6851000



Total in ltr.
246000
250000
245000
238000
242000
245000
229000
231000
229000
250000
239000
243000
245000
259000
257000
252000
258000
234000
247000
247000
243000
257000
265000
257000
254000
262000
266000
248000
234000
254000
251000
7677000



Project : Environment Audit for Mahatma Gandhi University of Medical Sciences & Technology

Promoter : Mahatma Gandhi Medical College & Hospital



Figure 11: The photograph showing handling radioactive waste

Infected liquid waste

Fluid medical wastes may be bio hazardous or infectious. Such wastes can be contaminated by a number of pathogens including HIV, hepatitis B, or viruses. Some fluids, including chemotherapy drugs and medications, may be classified as biohazard waste by Resource Conservation and Recovery Act (RCRA) legislation, and each type may require specific methods and regulations in regard to containment, storage, labeling, and disposal.

As per the BMW authorization granted by RSPCB, the infected hospital liquid waste must be given chemical treatment by using at least 10 % hypochlorite solution or any other equivalent chemical reagent to ensure required disinfection. The same is not being complied with as currently the unit is treating infected liquid discharge with 1 % hypochlorite solution.

S. No	Particular	Compliance status	Recommendation
1.	Solid waste	Complied	A separate log book record of solid waste that is being generated from hospital, hostel and canteen must be maintained separately Municipal solid waste. MoU with Nagar Nigam Heritage, Jaipur

Project : Environment Audit for Mahatma Gandhi University of Medical Sciences & Technology

Promoter : Mahatma Gandhi Medical College & Hospital

2.	Hazardous waste	Complied	Application for obtaining Authorization for hazardous waste management at Rajasthan State Pollution Control Board is under process.
3.	Biomedical waste	Complied	Proper collection and segregation of biomedical waste has been done. Agreement with common biomedical waste treatment facility has been done. Authorization Copy is enclosed as Annexure XI .
4.	Radioactive waste	Complied	Proper maintenance of records and disposal of radioactive waste has been done.
5.	Infected Liquid discharge	Complied	As per the BMW authorization, at least 10% hypochlorite solution must be used for treatment of infected liquid discharge.

Table 9: Waste Compliance status and Recommendations

- **Bio Gas Plant-** Bio gas plant has been established for using bio waste to generate energy ,this energy is using by food mess to prepare food.



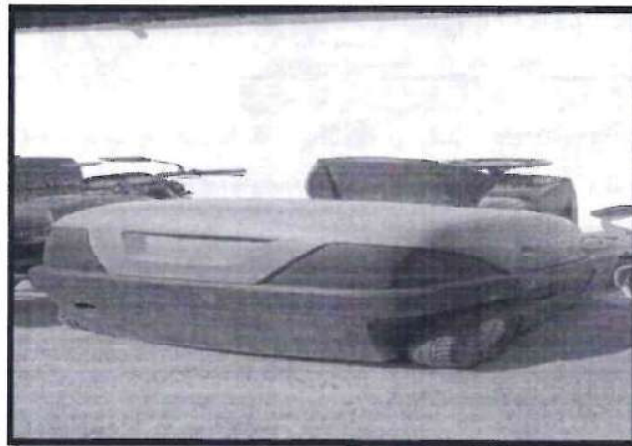
Figures 13: Photographs Bio Gas Plant

- **Road Sweeping Machine** – Road sweeping machine is using for cleaning of campus to prevent Fugitive Emission.



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Figures 14: Photograph Road Sweeping Machine

- **Single use Plastic awareness** – From July 1, 2022, the government of India banned single-use plastic items that have low utility but are frequently littered around, such as plastic straws. The aim of the ban is to curb plastic pollution, since single-use plastic harms terrestrial and aquatic ecosystems. Plastic carry bags with a thickness of less than 75 microns are currently illegal to manufacture, import, stock, distribute, sell, and use, according to the Plastic Waste Management Amendment Rules, 2021. Plastic carry bags with a thickness of less than 120 microns will be forbidden as of December 31, 2022 Campus is having sign board for awareness to not to use Single Use Plastic.



Figures 15: Photographs of Single use Plastic awareness

V. GREEN AREA



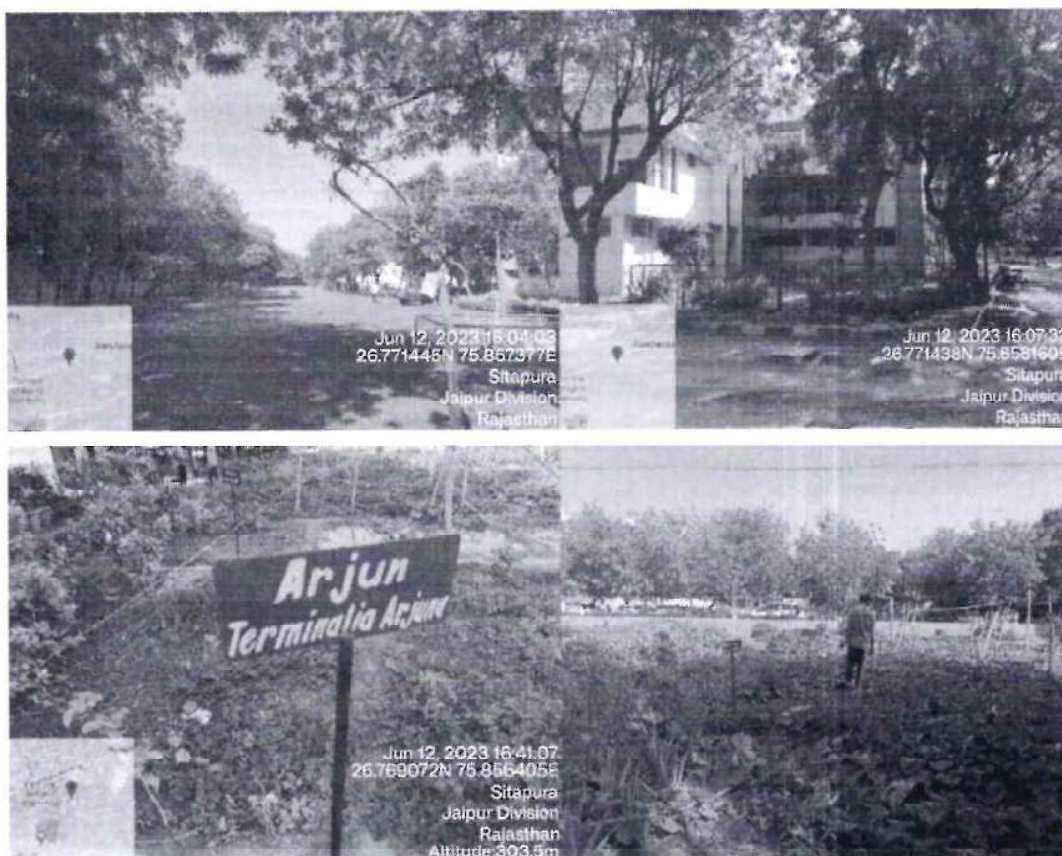
Project	: Environment Audit for Mahatma Gandhi University of Medical Sciences & Technology
Promoter	: Mahatma Gandhi Medical College & Hospital

This includes the plants, greenery and sustainability of the campus to ensure that the buildings conform to green standards. This also helps in ensuring that the Environmental Policy is enacted, enforced and reviewed using various environmental awareness programmes.

Observations

Project is located in the vicinity of many trees (species) to maintain the bio-diversity. Approx 2250 nos. of trees are in project which includes various species.

A group of 550 students has been made as green army which includes activities like tree plantation drives, cleanliness drives, poster making competition and other activities are done on a regular basis to inculcate the feeling of awareness for the environment. A concept of tree adoption has been started in the campus where the students along with the gardeners would take care of the plants.



Figures 12: Photographs showing green area

Additional Area of Audit



Project : Environment Audit for Mahatma Gandhi University of Medical Sciences & Technology

Promoter : Mahatma Gandhi Medical College & Hospital

- **Oxygen Plant** - An oxygen plant is established in campus this plant for a hospital or other medical facilities and to provide help to COVID patients



Figures 16: Photographs of Oxygen Plant

- **Fire and Safety** – Well establish Fire Extinguisher system, water pump and send buckets are provided to various locations to the safe guard of Environment.

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Promoter : Mahatma Gandhi Medical College & Hospital



Figures 18: Photographs of Fire and Safety

Observations and Recommendations

- Seasonally maintenance of cleaning and maintenance of RWH Structures.
- Promote environmental awareness as a part of course work in various curricular areas, independent research projects, and community service.
- Create awareness of environmental sustainability and take actions to ensure environmental sustainability. Establish a College Environmental Committee that will hold responsibility for the enactment, enforcement and review of the Environmental Policy.
- The Environmental Committee shall be the source of advice and guidance to staff and students on how to implement this Policy. Ensure that an audit is conducted annually and action is taken on the basis of audit report, recommendation and findings.
- Celebrate every year 5th June as 'Environment Day' and plant trees on this day to make the campus more Green.
- Indoor plantation to inculcate interest in students, Bonsai can planted in corridor to bond a relation with nature. Green library should be established.



Project : Environment Audit for Mahatma Gandhi University of Medical Sciences & Technology

Promoter : Mahatma Gandhi Medical College & Hospital

ANNEXURE I

Permission from Central Ground Water Authority



भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन, नदी विकास
और गंगा संरक्षण विभाग
केन्द्रीय भूमि जल प्राधिकरण
Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation
Central Ground Water Authority

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)

NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:	Mahatama Gandhi University Of Medical Sciences And Technology		
Project Address:	Plot No - Isi 12,13,14,14a, 18, 18a, 19, 20, 21,, Riico Institution Area, Sitapura, Tehsil Sanganer, Dist. Jaipur, Rajasthan		
Village:	Ramchandpura	Block:	Sanganer
District:	Jaipur	State:	Rajasthan
Pin Code:			
Communication Address:	Plot No - Isi 12,13,14,14a, 18, 18a, 19, 20, 21, Riico Institution Area, Sitapura, Tehsil Sanganer, District Jaipur, Rajasthan, Sanganer, Jaipur, Rajasthan - 302022		
Address of CGWB Regional Office :	Central Ground Water Board Western Region, 6-a, Jhalana Doongri, Jaipur, Rajasthan - 302004		

1. NOC No.:	CGWA/NOC/INF/REN/2/2023/7601				2. Date of Issuance	13/04/2023						
3. Application No.:	21-4/1000/RJ/INF/2016				4. Category: (GWRE 2020)	Over Exploited						
5. Project Status:	Existing Ground Water				6. NOC Type:	Renewal						
7. Valid from:	22/03/2023				8. Valid up to:	21/03/2025						
9. Ground Water Abstraction Permitted:												
Fresh Water		Saline Water		Dewatering		Total						
m ³ /day	m ³ /year	m ³ /day	m ³ /year	m ³ /day	m ³ /year	m ³ /day	m ³ /year					
850.00	310250.00											
10. Details of ground water abstraction /Dewatering structures												
Total Existing No.:8				Total Proposed No.:0								
	DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu
Abstraction Structure*	0	0	0	8	0	0	0	0	0	0	0	0
*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit;MPu-Mine Pumps												
11. Ground Water Abstraction/Restoration Charges paid (Rs.):							3102500.00					
12. Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism.					No. of Piezometers		Monitoring Mechanism					
							Manual	DWLR**	DWLR With Telemetry			
**DWLR - Digital Water Level Recorder					2		0	1	1			

(Compliance Conditions given overleaf)

This is an auto generated document & need not to be signed.

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011

Phone: (011) 23383561 Fax: 23382051, 23386743

Website: cgwa-noc.gov.in

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Validity of this NOC shall be subject to compliance of the following conditions:

Mandatory conditions:

- 1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.
- 2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.
- 3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.
- 4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells / dug wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.
- 5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.
- 6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt. approved/ NABL accredited lab.
- 7) The firm shall report compliance of the NOC conditions online in the website (www.cgwa-noc.gov.in) within one year from the date of issue of this NOC.
- 8) Industries abstracting ground water in excess of 100 m³/d shall undertake annual water audit through certified auditors and submit audit reports within three months of completion of the same to CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.
- 9) Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act, 1986.
- 10) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/discharge of effluents or any such matter as applicable.

General conditions:

- 11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).
- 12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).
- 13) Proponents shall install roof top rain water harvesting in the premise as per the existing building bye laws in the premise.
- 14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises failing which the firm shall be responsible for any consequences arising thereupon.
- 15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.
- 16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water.
- 17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.
- 18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.
- 19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.
- 20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.
- 21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.
- 22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 90 days of taking over possession of the premises.
- 23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.
- 24) Proponents, who have installed/constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures.
- 25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CPCGLI) need to undertake necessary well head protection measures to ensure prevention of ground water pollution as per Annexure III of the guidelines.
- 26) In case of new infrastructure projects having ground water abstraction of more than 20 m³/day, the firm/ventily shall ensure implementation of dual water supply system in the projects.
- 27) In case of infrastructure projects, paved/parking area must be covered with interlocking/perforated tiles or other suitable measures to ensure groundwater infiltration/harvesting.
- 28) In case of coal and other base metal mining projects, the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water.
- 29) The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing which penalty/EC/cancellation of NOC shall be imposed as the case may be.
- 30) This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable).

(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)

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CENTRAL GROUND WATER AUTHORITY
Department of Water Resources, River Development and Ganga Rejuvenation
Ministry of Jal Shakti, Govt. of India

Receipt

(As per the guideline Gazette Notification S.O. 3281(E) regarding the New Guidelines dated 24.09.2020 of CGWA, MoJS, Govt. of India)
<https://cgwa-noc.gov.in>

Application No.:	21-4/1000/RJ/INF/2016
Name of Firm:	MAHATAMA GANDHI UNIVERSITY OF MEDICAL SCIENCES AND TECHNOLOGY
AppType Category:	Hospitals
Application Type:	Infrastructure
PAN/GSTIN No. of Firm/Individual:	/

S N	Description	Amount (Rs.)
1.	Application Processing Fee	5000.00
2.	Ground Water Abstraction /Restoration charges	3102500.00
3.	Environmental Compensation Charges (ECRGW) (Date From to) Days-	
4.	Penalty for non-Compliance of NOC conditions Condition to be mentioned	
Rs. Rupees Thirty One Lakh Seven Thousand Five Hundred Only		3107500.00

This is an system generated invoice, hence, does not require ink signed.

Project : Environment Audit for Mahatma Gandhi University of Medical Sciences & Technology

Promoter : Mahatma Gandhi Medical College & Hospital

ANNEXURE II

Log book record for extraction of water from Bore wells



Date	Water Consumption Report					Total in consumption meter Reading	Total in ltr.
	B Wall 1 meter Reading Gas Plant	Consumption	B Wall 2 meter Reading College D.G.Room	Consumption	B Wall 3 meter Reading Dental College	Consumption	
01-08-2022	18711	40	17552	46	54146	164	250000
02-08-2022	18751	48	17598	77	54310	146	271000
03-08-2022	18799	46	17675	68	54456	151	265000
04-08-2022	18845	37	17743	43	54607	174	254000
05-08-2022	18882	45	17786	55	54781	162	262000
06-08-2022	18927	44	17841	48	54943	160	252000
07-08-2022	18971	45	17889	52	55103	164	261000
08-08-2022	19016	45	17941	59	55267	162	266000
09-08-2022	19061	45	18000	61	55429	164	270000
10-08-2022	19106	44	18061	54	55593	162	260000
11-08-2022	19150	45	18115	56	55755	164	265000
12-08-2022	19195	46	18171	54	55919	165	265000
13-08-2022	19241	44	18225	52	56084	162	258000
14-08-2022	19285	44	18277	54	56246	164	262000
15-08-2022	19329	45	18331	53	56410	163	261000
16-08-2022	19374	42	18384	48	56573	165	255000
17-08-2022	19416	43	18432	49	56738	163	255000
18-08-2022	19459	44	18481	52	56901	162	258000
19-08-2022	19503	40	18533	50	57063	165	255000
20-08-2022	19543	42	18583	52	57228	160	254000
21-08-2022	19585	38	18635	49	57388	162	249000
22-08-2022	19623	40	18684	54	57550	164	258000
23-08-2022	19663	42	18738	52	57714	162	256000
24-08-2022	19705	43	18790	54	57876	164	261000
25-08-2022	19748	40	18844	55	58040	161	256000
26-08-2022	19788	44	18899	60	58201	159	263000
27-08-2022	19832	39	18959	0	58360	172	211000
28-08-2022	19871	40	18959	139	58532	178	357000
29-08-2022	19911	42	19098	70	58710	175	287000
30-08-2022	19953	41	19168	72	58885	176	289000
31-08-2022	19994	43	19240	71	59061	184	298000
Total		1326		1759		5089	8184000



Water Consumption Report

Date	B Wall 1 meter Reading Gas Plant	Consumption	B Wall 2 meter Reading College D.G.Room	Consumption	B Wall 3 meter Reading Dental College	Consumption	Total in consumption meter Reading	Total in ltr.
01-09-2022	20037	48	19311	58	59245	210	316	316000
02-09-2022	20085	52	19369	57	59455	198	307	307000
03-09-2022	20137	51	19426	60	59653	216	327	327000
04-09-2022	20188	56	19486	61	59869	216	333	333000
05-09-2022	20244	54	19547	59	60085	210	323	323000
06-09-2022	20298	30	19606	62	60295	167	259	259000
07-09-2022	20328	42	19668	60	60462	176	278	278000
08-09-2022	20370	41	19728	61	60638	178	280	280000
09-09-2022	20411	44	19789	60	60816	175	279	279000
10-09-2022	20455	41	19849	63	60991	177	281	281000
11-09-2022	20496	48	19912	62	61168	176	286	286000
12-09-2022	20544	45	19974	65	61344	178	288	288000
13-09-2022	20589	42	20039	60	61522	181	283	283000
14-09-2022	20631	42	20099	59	61703	181	282	282000
15-09-2022	20673	41	20158	60	61884	179	280	280000
16-09-2022	20714	42	20218	61	62063	180	283	283000
17-09-2022	20756	43	20279	65	62243	178	286	286000
18-09-2022	20799	41	20344	64	62421	180	285	285000
19-09-2022	20840	44	20408	63	62601	179	286	286000
20-09-2022	20884	43	20471	62	62780	172	277	277000
21-09-2022	20927	42	20533	61	62952	175	278	278000
22-09-2022	20969	41	20594	60	63127	172	273	273000
23-09-2022	21010	43	20654	62	63299	175	280	280000
24-09-2022	21053	48	20716	65	63474	182	295	295000
25-09-2022	21101	47	20781	64	63656	181	292	292000
26-09-2022	21148	48	20845	65	63837	182	295	295000
27-09-2022	21196	48	20910	63	64019	180	291	291000
28-09-2022	21244	46	20973	62	64199	181	289	289000
29-09-2022	21290	44	21035	64	64380	110	218	218000
30-09-2022	21334	32	21099	67	64490	0	99	99000
Total		1329		1855		5245	8429	8429000





Date	B Wall 1 meter Reading Gas Plant	B Wall 2 meter Reading College D.G.Room		B Wall 3 meter Reading Dental College		Consumption	Total in consumption meter Reading	Total in ltr.
		Consumption		Consumption				
01-10-2022	21366	42	21166	63	64490	107	212	212000
02-10-2022	21408	42	21229	64	64597	109	215	215000
03-10-2022	21450	35	21293	65	64706	180	280	280000
04-10-2022	21485	40	21358	63	64886	183	286	286000
05-10-2022	21525	38	21421	62	65069	181	281	281000
06-10-2022	21563	35	21483	64	65250	186	285	285000
07-10-2022	21598	37	21547	64	65436	185	286	286000
08-10-2022	21635	41	21611	63	65621	184	288	288000
09-10-2022	21676	38	21674	65	65805	186	289	289000
10-10-2022	21714	40	21739	64	65991	185	289	289000
11-10-2022	21754	44	21803	62	66176	184	290	290000
12-10-2022	21798	45	21865	65	66360	187	297	297000
13-10-2022	21843	43	21930	64	66547	185	292	292000
14-10-2022	21886	44	21994	63	66732	184	291	291000
15-10-2022	21930	48	22057	65	66916	186	299	299000
16-10-2022	21978	40	22122	64	67102	185	289	289000
17-10-2022	22018	38	22186	63	67287	187	288	288000
18-10-2022	22056	41	22249	64	67474	184	289	289000
19-10-2022	22097	42	22313	65	67658	186	293	293000
20-10-2022	22139	43	22378	63	67844	183	289	289000
21-10-2022	22182	41	22441	64	68027	181	286	286000
22-10-2022	22223	48	22505	70	68208	195	313	313000
23-10-2022	22271	49	22575	68	68403	194	311	311000
24-10-2022	22320	54	22643	73	68597	195	322	322000
25-10-2022	22374	52	22716	72	68792	190	314	314000
26-10-2022	22426	48	22788	67	68982	184	299	299000
27-10-2022	22474	52	22855	65	69166	186	303	303000
28-10-2022	22526	50	22920	64	69352	187	301	301000
29-10-2022	22576	48	22984	66	69539	185	299	299000
30-10-2022	22624	48	23050	70	69724	188	306	306000
31-10-2022	22672	41	23120	67	69912	185	293	293000
Total		1347		2021		5607	8975	8975000

Water Consumption Report

Date	B Wall 1 meter Reading Gas Plant	Consumption	B Wall 2 meter Reading College D.G.Room	Consumption	B Wall 3 meter Reading Dental College	Consumption	Total in consumption meter Reading	Total in ltr.
01-11-2022	22713	42	23187	67	70097	185	294	294000
02-11-2022	22755	43	23254	68	70282	183	294	294000
03-11-2022	22798	42	23322	67	70465	183	292	292000
04-11-2022	22840	43	23389	68	70648	184	295	295000
05-11-2022	22883	43	23457	67	70832	183	293	293000
06-11-2022	22926	42	23524	67	71015	182	291	291000
07-11-2022	22968	43	23591	68	71197	183	294	294000
08-11-2022	23011	41	23659	67	71380	184	292	292000
09-11-2022	23052	43	23726	71	71564	185	299	299000
10-11-2022	23095	44	23797	67	71749	181	292	292000
11-11-2022	23139	44	23864	67	71930	178	289	289000
12-11-2022	23183	43	23931	71	72108	180	294	294000
13-11-2022	23226	44	24002	68	72288	182	294	294000
14-11-2022	23270	39	24070	67	72470	189	295	295000
15-11-2022	23309	41	24137	68	72659	185	294	294000
16-11-2022	23350	42	24205	67	72844	183	292	292000
17-11-2022	23392	44	24272	72	73027	177	293	293000
18-11-2022	23436	43	24344	69	73204	181	293	293000
19-11-2022	23479	42	24413	69	73385	180	291	291000
20-11-2022	23521	44	24482	69	73565	180	293	293000
21-11-2022	23565	43	24551	67	73745	181	291	291000
22-11-2022	23608	41	24618	68	73926	180	289	289000
23-11-2022	23649	40	24686	67	74106	181	288	288000
24-11-2022	23689	43	24753	71	74287	162	276	276000
25-11-2022	23732	43	24824	69	74449	177	289	289000
26-11-2022	23775	42	24893	68	74626	178	288	288000
27-11-2022	23817	43	24961	70	74804	177	290	290000
28-11-2022	23860	42	25031	69	74981	174	285	285000
29-11-2022	23902	42	25100	69	75155	175	286	286000
30-11-2022	23944	43	25169	70	75330	178	291	291000
Total		1274		2052		5411	8737	8737000





Date	B Wall 1 meter Reading Gas Plant	Consumption	B Wall 2 meter Reading College D.G.Room	Consumption	B Wall 3 meter Reading Dental College	Consumption	Total in consumption meter Reading	Total In ltr.
01-12-2022	23987	41	25239	68	75508	172	281	281000
02-12-2022	24028	43	25307	69	75680	175	287	287000
03-12-2022	24071	42	25376	68	75855	232	342	342000
04-12-2022	24113	40	25444	67	76087	113	220	220000
05-12-2022	24153	41	25511	69	76200	172	282	282000
06-12-2022	24194	42	25580	68	76372	176	286	286000
07-12-2022	24236	44	25648	70	76548	168	282	282000
08-12-2022	24280	42	25718	69	76716	173	284	284000
09-12-2022	24322	42	25787	68	76889	173	283	283000
10-12-2022	24364	41	25855	69	77062	173	283	283000
11-12-2022	24405	42	25924	68	77235	172	282	282000
12-12-2022	24447	42	25992	69	77407	173	284	284000
13-12-2022	24489	43	26061	68	77580	171	282	282000
14-12-2022	24532	40	26129	68	77751	172	280	280000
15-12-2022	24572	42	26197	69	77923	171	282	282000
16-12-2022	24614	41	26266	68	78094	192	301	301000
17-12-2022	24655	40	26334	69	78286	150	259	259000
18-12-2022	24695	44	26403	68	78436	172	284	284000
19-12-2022	24739	43	26471	67	78608	171	281	281000
20-12-2022	24782	41	26538	71	78779	176	288	288000
21-12-2022	24823	42	26609	72	78955	173	287	287000
22-12-2022	24865	41	26681	64	79128	170	275	275000
23-12-2022	24906	42	26745	68	79298	171	281	281000
24-12-2022	24948	41	26813	69	79469	171	281	281000
25-12-2022	24989	42	26882	68	79640	171	281	281000
26-12-2022	25031	41	26950	68	79811	171	280	280000
27-12-2022	25072	42	27018	68	79982	170	280	280000
28-12-2022	25114	42	27086	69	80152	175	286	286000
29-12-2022	25156	41	27155	69	80327	172	282	282000
30-12-2022	25197	41	27224	68	80499	170	279	279000
31-12-2022	25238	42	27292	69	80669	171	282	282000
Total		1293		2122		5332		8747000

Annex II



Water Consumption Report

Date	B Wall 3 meter Reading Gas Plant	Consumption	B Wall 2 meter Reading College D.G.Room	Consumption	B Wall 3 meter Reading Dental College	Consumption	B Wall 4 meter Reading R.O.M. BLOCK	Consumption	B Wall 5 meter Reading College Chill Store	Consumption	B Wall 6 meter Reading Staff Quarters	Consumption	Total in consumption meter Reading	Total in Hr.
1. Jan. 2023	35280	41	27361	68	80840	173	154	42	143	35	614	150	503	504000
2. Jan. 2023	35311	41	27429	69	81013	174	226	21	198	34	384	150	481	489000
3. Jan. 2023	35362	41	27496	68	81187	170	247	39	232	35	391	150	503	503000
4. Jan. 2023	35403	52	27566	70	81357	176	268	6	207	35	1141	152	491	481000
5. Jan. 2023	35455	36	27636	67	81533	170	292	36	502	35	1273	105	449	448000
6. Jan. 2023	35491	47	27703	69	81703	173	329	15	537	35	1398	153	492	492000
7. Jan. 2023	35538	46	27772	68	81876	172	343	18	372	35	1551	151	490	480000
8. Jan. 2023	35584	46	27840	68	82048	172	341	18	407	35	1702	150	489	489000
9. Jan. 2023	35630	45	27908	67	82220	171	379	22	442	36	1852	150	481	481000
10. Jan. 2023	35675	48	27975	70	82391	173	401	53	471	35	2002	101	460	483000
11. Jan. 2023	35723	43	28045	69	82564	170	454	22	511	34	2103	51	388	589000
12. Jan. 2023	35766	44	28114	69	82734	174	476	55	547	36	2154	207	565	595000
13. Jan. 2023	35810	43	28183	68	82905	174	531	37	500	37	2281	97	456	456000
14. Jan. 2023	35853	44	28251	69	83042	173	538	38	820	36	2458	95	456	456000
15. Jan. 2023	35897	43	28320	69	83255	174	630	38	655	37	2554	96	457	457000
16. Jan. 2023	35940	42	28389	68	83429	169	644	37	630	36	2600	93	443	443000
17. Jan. 2023	35982	42	28455	68	83598	171	681	33	723	36	2743	93	443	443000
18. Jan. 2023	36024	43	28521	68	83769	171	714	60	765	37	2826	143	522	522000
19. Jan. 2023	36067	42	28591	69	83940	172	774	50	802	29	2979	108	479	479000
20. Jan. 2023	36109	43	28660	69	84112	174	884	37	831	32	3087	107	482	482000
21. Jan. 2023	36152	42	28729	67	84286	171	861	24	863	34	3164	104	482	482000
22. Jan. 2023	36194	41	28796	66	84457	172	845	23	897	36	3269	103	443	443000
23. Jan. 2023	36235	43	28864	67	84629	173	938	25	923	37	3401	102	447	447000
24. Jan. 2023	36278	43	28931	69	84802	167	983	32	970	43	3503	104	443	443000
25. Jan. 2023	36321	42	29000	68	84969	173	965	47	1013	37	3608	127	494	494000
26. Jan. 2023	36363	41	29068	67	85142	173	1012	47	1030	38	3758	126	492	492000
27. Jan. 2023	36404	57	29135	47	85315	369	1059	20	1098	37	3862	151	501	501000
28. Jan. 2023	36441	42	29202	68	85484	172	1079	31	1125	35	4013	126	474	474000
29. Jan. 2023	36503	41	29270	67	85656	172	1110	30	1140	36	4189	126	472	472000
30. Jan. 2023	36544	54	29337	70	85828	175	1140	57	1186	39	4295	154	552	552000
31. Jan. 2023	36602	47	29407	68	86003	175	1107	68	1254	40	4419	158	554	554000
Total		3389		2114		5338		1051		1111		3864	14817	14817000

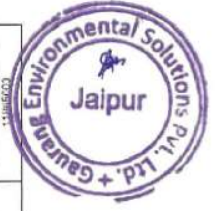
Water Consumption Report

Date	B Wall 1 meter Reading Garphat	Consumption	B Wall 2 meter Reading College	Consumption	B Wall 3 meter Reading Dental College	Consumption	B Wall 4 meter Reading R.D.M. BLOCK	Consumption	B Wall 5 meter Reading College Civil Store	Consumption	B Wall 6 meter Reading Staff Quarters	Consumption	Total in consumption meter Reading	Total in ltr.
1. Feb. 2023	26649	46	28675	69	86178	174	1205	26	1274	38	4875	192	504	54600
2. Feb. 2023	26695	46	28644	69	86352	177	1290	59	1312	38	4727	157	547	547000
3. Feb. 2023	26743	45	28613	67	86529	169	1348	39	1350	36	4884	140	505	550000
4. Feb. 2023	26788	47	28680	0	86698	179	1387	25	1386	37	5033	154	442	442000
5. Feb. 2023	26835	48	28680	0	86827	179	1412	28	1428	38	5187	155	468	468000
6. Feb. 2023	26883	46	28680	0	87056	172	1430	27	1461	35	5342	154	434	434000
7. Feb. 2023	26929	47	28680	0	87228	170	1465	17	1486	38	5488	153	425	425000
8. Feb. 2023	26976	47	28680	0	87398	173	1480	8	1534	39	5649	154	419	419000
9. Feb. 2023	27023	46	28680	0	87570	173	1490	25	1572	37	5803	151	432	432000
10. Feb. 2023	27069	48	28680	0	87743	176	1515	23	1609	27	5954	105	379	379000
11. Feb. 2023	27117	47	28680	0	87919	173	1588	44	1626	29	6059	87	380	380000
12. Feb. 2023	27164	46	28680	0	88092	176	1582	80	1685	29	6146	105	414	414000
13. Feb. 2023	27210	45	28680	0	88266	172	1662	1	1694	44	6231	188	350	350000
14. Feb. 2023	27255	43	28680	0	88438	175	1663	7	1730	23	6318	83	331	331000
15. Feb. 2023	27298	44	28680	0	88613	173	1670	11	1711	44	6402	99	371	371000
16. Feb. 2023	27342	43	28680	0	88785	174	1681	38	1605	34	6501	100	389	389000
17. Feb. 2023	27385	42	28680	0	88960	174	1719	37	1653	35	6601	84	372	372000
18. Feb. 2023	27427	43	28680	0	89134	173	1756	38	1674	34	6685	83	371	371000
19. Feb. 2023	27470	44	28680	0	89307	172	1794	38	1693	34	6768	86	374	374000
20. Feb. 2023	27514	47	28680	0	89479	175	1832	22	1642	43	6854	94	381	381000
21. Feb. 2023	27561	47	28680	0	89654	172	1854	53	1885	43	6940	120	440	440000
22. Feb. 2023	27608	45	28680	0	89826	172	1907	58	2028	41	7076	159	479	479000
23. Feb. 2023	27653	42	28680	0	89998	176	1866	52	2068	42	7232	102	414	414000
24. Feb. 2023	27695	42	28680	0	90174	172	2018	41	2111	41	7384	130	456	456000
25. Feb. 2023	27737	44	28680	0	90346	175	2069	54	2152	42	7484	137	450	450000
26. Feb. 2023	27781	42	28680	0	90519	174	2113	55	2184	41	7631	137	448	448000
27. Feb. 2023	27823	44	28680	0	90693	174	2168	56	2235	41	7738	137	472	472000
28. Feb. 2023	27867	42	28680	0	90867	175	2224	56	2276	43	7895	156	472	472000
Total		1560		205		4864		1015		1045		3476	1185	1185000



Water Consumption Report

Date	B Well 1 meter Reading Gas Plant	Consumption	B Well 2 meter Reading College	Consumption	B Well 3 meter Reading Dental College	Consumption	B Well 4 meter Reading R.D.M. BLDCK	Consumption	B Well 5 meter Reading College Civil Store	Consumption	B Well 6 meter Reading Staff Quarters	Consumption	Total in consumption meter Reading	Total in ltr.
1. Mar. 2023	26649	46	29475	69	86178	174	1305	26	1274	38	4575	158	564	50403
2. Mar. 2023	26695	48	29544	69	86352	177	1340	58	1312	38	4727	157	547	54700
3. Mar. 2023	26743	45	29613	67	86529	169	1344	39	1350	36	4864	149	505	50900
4. Mar. 2023	26798	47	29646	6	86698	179	1397	25	1386	37	5033	154	442	44300
5. Mar. 2023	26835	48	29680	6	86877	179	1412	26	1423	38	5167	155	446	44400
6. Mar. 2023	26883	46	29680	0	87056	172	1438	27	1461	26	5342	154	434	43500
7. Mar. 2023	26929	47	29650	0	87228	170	1465	17	1486	38	5466	153	425	42500
8. Mar. 2023	26976	47	29630	0	87395	172	1482	9	1524	36	5649	154	419	41900
9. Mar. 2023	27023	46	29680	0	87570	173	1490	25	1572	37	5823	151	432	43200
10. Mar. 2023	27069	48	29680	0	87743	176	1515	20	1620	27	5964	108	379	37900
11. Mar. 2023	27117	47	29650	0	87919	173	1530	44	1638	28	6020	97	349	34900
12. Mar. 2023	27164	46	29640	0	88092	174	1582	60	1625	28	6146	85	414	41400
13. Mar. 2023	27210	45	29640	0	88266	172	1682	1	1694	44	6221	80	350	35000
14. Mar. 2023	27255	43	29650	0	88438	175	1683	7	1728	23	6313	83	331	33100
15. Mar. 2023	27298	44	29650	0	88613	173	1670	11	1781	44	6402	98	371	37100
16. Mar. 2023	27342	43	29850	0	88786	174	1681	28	1805	34	6501	100	399	39900
17. Mar. 2023	27385	42	29840	0	88960	174	1719	37	1859	35	6601	84	372	37200
18. Mar. 2023	27427	43	29840	0	89134	173	1756	38	1874	34	6685	85	371	37100
19. Mar. 2023	27470	44	29850	0	89307	172	1794	38	1869	34	6780	86	374	37400
20. Mar. 2023	27514	47	29840	0	89479	175	1832	22	1942	43	6864	94	381	38100
21. Mar. 2023	27561	47	29850	0	89654	172	1854	53	1985	43	6988	120	443	44300
22. Mar. 2023	27608	45	29850	6	89826	172	1907	59	2028	41	7076	150	473	47300
23. Mar. 2023	27653	42	29850	0	89998	176	1966	52	2069	42	7222	102	414	41400
24. Mar. 2023	27695	42	29850	0	90174	172	2018	41	2111	41	7334	130	426	42600
25. Mar. 2023	27737	44	29840	0	90346	173	2050	54	2162	42	7484	137	452	45200
26. Mar. 2023	27781	42	29850	0	90519	174	2112	55	2194	41	7621	137	443	44300
27. Mar. 2023	27823	44	29840	0	90693	174	2168	56	2235	41	7788	157	473	47300
28. Mar. 2023	27867	42	29840	0	90867	175	2224	56	2276	43	7895	156	472	47200
29. Mar. 2023														
30. Mar. 2023														
31. Mar. 2023														
Total		1369		295		4864		1015		1045		3476	1165	116500



Water Consumption Report

Date	B Wall 1 meter Reading Gas Plant	Consumption	B Wall 2 meter Reading College	Consumption	B Wall 3 meter Reading Dental College	Consumption	B Wall 4 meter Reading R.D.M. BLOCK	Consumption	B Wall 5 meter Reading College Civil Store	Consumption	B Wall 6 meter Reading Staff Quarters	Consumption	Total in consumption meter Reading	Total in hr.
1. Apr. 2023	26649	46	29475	66	86178	174	1285	25	1274	38	4676	102	504	504000
2. Apr. 2023	26695	46	29444	66	86362	177	1230	56	1312	38	4727	157	547	547003
3. Apr. 2023	26743	45	29413	67	86529	189	1348	39	1350	36	4834	148	505	505000
4. Apr. 2023	26788	47	29380	0	86698	179	1387	25	1388	37	5033	154	442	442002
5. Apr. 2023	26835	48	29340	0	86877	179	1412	20	1423	38	5187	155	446	446005
6. Apr. 2023	26883	46	29300	0	87056	172	1438	27	1451	35	5242	154	454	454002
7. Apr. 2023	26928	47	29260	0	87226	170	1465	17	1486	38	5418	153	435	435000
8. Apr. 2023	26976	47	29220	0	87398	172	1402	6	1534	38	5646	154	419	419000
9. Apr. 2023	27023	46	29180	0	87576	173	1480	25	1572	37	5803	151	402	402000
10. Apr. 2023	27069	46	29140	0	87743	176	1515	23	1620	27	5954	105	379	379000
11. Apr. 2023	27117	47	29100	0	87919	173	1538	44	1636	29	6050	87	280	280000
12. Apr. 2023	27164	46	29060	0	88092	174	1582	10	1685	20	6146	105	414	414000
13. Apr. 2023	27210	45	29020	0	88266	172	1662	1	1704	44	6221	103	350	350000
14. Apr. 2023	27255	43	28980	0	88438	175	1663	7	1728	23	6310	103	331	331000
15. Apr. 2023	27296	44	28940	0	88613	173	1670	11	1761	44	6402	119	371	371000
16. Apr. 2023	27342	43	28900	0	88786	174	1681	39	1805	34	6501	100	369	369000
17. Apr. 2023	27385	42	28860	0	88960	174	1719	37	1839	35	6601	84	372	372000
18. Apr. 2023	27427	43	28820	0	89134	173	1756	38	1874	34	6695	83	371	371000
19. Apr. 2023	27470	44	28780	0	89307	172	1794	39	1908	34	6788	86	374	374000
20. Apr. 2023	27514	47	28740	0	89479	175	1832	22	1942	43	6854	94	381	381000
21. Apr. 2023	27561	47	28700	0	89654	172	1854	53	1985	43	6940	120	443	443000
22. Apr. 2023	27608	45	28660	0	89826	172	1907	58	2028	41	7076	136	473	473000
23. Apr. 2023	27653	42	28620	0	89998	176	1946	52	2063	42	7202	102	414	414000
24. Apr. 2023	27695	42	28580	0	90174	172	2018	41	2111	41	7304	130	426	426000
25. Apr. 2023	27737	44	28540	0	90346	173	2059	54	2132	42	7404	137	450	450000
26. Apr. 2023	27781	42	28500	0	90519	174	2113	55	2184	41	7501	137	449	449000
27. Apr. 2023	27823	44	28460	0	90693	174	2168	56	2235	41	7598	157	472	472000
28. Apr. 2023	27867	42	28420	0	90867	175	2224	56	2276	43	7695	156	472	472000
29. Apr. 2023														
30. Apr. 2023														
Total		3280		206		4864		1015		1045		3476	11865	11865003



Water Consumption Report

Date	B Wall 1 meter Reading Gas Plant	Consumption	B Wall 2 meter Reading College	Consumption	B Wall 3 meter Reading Dental College	Consumption	B Wall 4 meter Reading R.D.M. BLOCK	Consumption	B Wall 5 meter Reading College Old Store	Consumption	B Wall 6 meter Reading Staff Quarters	Consumption	Total in consumption meter Reading	Total in ltr.
1. May 2023	26649	46	29475	69	86176	174	1245	25	1274	38	4676	182	564	50400
2. May 2023	26695	48	29544	69	86352	177	1290	56	1312	38	4727	157	547	54700
3. May 2023	26743	45	29613	67	86529	169	1348	39	1353	35	4884	149	505	50500
4. May 2023	26788	47	29680	0	86698	179	1387	25	1384	37	5033	154	442	44200
5. May 2023	26835	48	29690	0	86877	179	1412	26	1423	38	5187	155	446	44600
6. May 2023	26883	46	29680	0	87056	172	1459	27	1461	35	5342	154	434	43400
7. May 2023	26929	47	29680	0	87228	170	1485	17	1493	38	5491	153	425	42500
8. May 2023	26976	47	29680	0	87398	172	1482	8	1534	39	5641	154	419	41900
9. May 2023	27023	46	29680	0	87570	173	1490	25	1572	37	5853	151	432	43200
10. May 2023	27069	48	29680	0	87743	176	1515	23	1608	27	6054	156	379	37900
11. May 2023	27117	47	29680	0	87919	173	1510	44	1625	29	6261	160	380	38000
12. May 2023	27164	46	29680	0	88092	174	1582	80	1685	29	6416	165	414	41400
13. May 2023	27210	45	29680	0	88266	172	1602	1	1694	44	6623	168	350	35000
14. May 2023	27255	43	29680	0	88438	175	1613	7	1728	23	6810	163	321	32100
15. May 2023	27291	44	29680	0	88613	173	1670	11	1798	44	6902	160	371	37100
16. May 2023	27342	43	29680	0	88786	174	1631	38	1805	34	6891	160	389	38900
17. May 2023	27395	42	29680	0	88960	174	1719	37	1833	35	6891	164	372	37200
18. May 2023	27427	43	29680	0	89134	173	1755	26	1874	34	6885	163	371	37100
19. May 2023	27470	44	29680	0	89307	172	1784	38	1903	34	6788	160	374	37400
20. May 2023	27510	47	29680	0	89479	175	1802	22	1942	43	6884	164	381	38100
21. May 2023	27561	47	29680	0	89654	172	1854	58	1985	43	6940	128	448	44800
22. May 2023	27611	45	29680	0	89826	172	1937	59	2026	41	7076	156	473	47300
23. May 2023	27653	42	29680	0	89998	176	1986	52	2068	42	7202	162	414	41400
24. May 2023	27695	42	29680	0	90174	172	2018	41	2111	41	7334	136	426	42600
25. May 2023	27737	44	29680	0	90346	173	2088	54	2182	42	7464	137	450	45000
26. May 2023	27781	42	29680	0	90519	174	2113	55	2194	41	7601	137	440	44000
27. May 2023	27823	44	29680	0	90693	174	2188	56	2225	41	7738	157	472	47200
28. May 2023	27867	42	29680	0	90867	175	2224	56	2271	43	7875	156	472	47200
29. May 2023														
30. May 2023														
31. May 2023														
Total		2520		413		9728		2030		1045		3476	11855	118500



1. () 2. () 3. () 4. () 5. () 6. () 7. () 8. () 9. () 10. () 11. () 12. () 13. () 14. () 15. () 16. () 17. () 18. () 19. () 20. () 21. () 22. () 23. () 24. () 25. () 26. () 27. () 28. () 29. () 30. () 31. () 32. () 33. () 34. () 35. () 36. () 37. () 38. () 39. () 40. () 41. () 42. () 43. () 44. () 45. () 46. () 47. () 48. () 49. () 50. () 51. () 52. () 53. () 54. () 55. () 56. () 57. () 58. () 59. () 60. () 61. () 62. () 63. () 64. () 65. () 66. () 67. () 68. () 69. () 70. () 71. () 72. () 73. () 74. () 75. () 76. () 77. () 78. () 79. () 80. () 81. () 82. () 83. () 84. () 85. () 86. () 87. () 88. () 89. () 90. () 91. () 92. () 93. () 94. () 95. () 96. () 97. () 98. () 99. () 100. ()

Project : Environment Audit for Mahatma Gandhi University of Medical Sciences & Technology

Promoter : Mahatma Gandhi Medical College & Hospital

ANNEXURE III

STP Work Order and Log Records of STP Water

Treated Water Meter Report

Date	08:00:00 AM	08:00:00 PM	Consumption 8 am to 8 pm	Consumption 8pm to 8 am	Total
01-02-2022	176197.1	176318.3	121.20	103.80	225.00
02-02-2022	176422.1	176541.2	119.10	89.00	208.10
03-02-2022	176630.2	176725.4	95.20	80.10	175.30
04-02-2022	176805.5	176942.8	137.30	71.60	208.90
05-02-2022	177014.4	177128.3	113.90	87.60	201.50
06-02-2022	177215.9	177333.1	117.20	127.00	244.20
07-02-2022	177460.1	177718.3	258.20	110.40	368.60
08-02-2022	177828.7	177987.3	158.60	10.60	169.20
09-02-2022	177997.9	178079.7	81.80	54.40	136.20
10-02-2022	178134.1	178192.2	58.10	48.00	106.10
11-02-2022	178240.2	178310.2	70.00	34.40	104.40
12-02-2022	178344.6	178433.2	88.60	44.10	132.70
13-02-2022	178477.3	178552.3	75.00	61.00	136.00
14-02-2022	178613.3	178700.6	87.30	55.80	143.10
15-02-2022	178756.4	178815.4	59.00	50.70	109.70
16-02-2022	178866.1	178944.5	78.40	53.90	132.30
17-02-2022	178998.4	179037.5	39.10	45.90	85.00
18-02-2022	179083.4	179155.3	71.90	64.10	136.00
19-02-2022	179219.4	179280.9	61.50	36.10	97.60
20-02-2022	179317	179380.1	63.10	70.00	133.10
21-02-2022	179450.1	179505.1	55.00	62.40	117.40
22-02-2022	179567.5	179652.6	85.10	44.50	129.60
23-02-2022	179697.1	179773.2	76.10	32.90	109.00
24-02-2022	179806.1	179892.8	86.70	80.90	167.60
25-02-2022	179973.7	180060	86.30	47.40	133.70
26-02-2022	180107.4	180189.3	81.90	38.10	120.00
27-02-2022	180227.4	180324.3	96.90	46.80	143.70
28-02-2022	180371.1	180470	98.90	38.40	137.30
Total			Average per day		4,311.98
					153.98



SRM & J

Treated Water Meter Report

Date	08:00:00 AM	08:00:00 PM	Consumption 8 am to 8 pm	Consumption 8pm to 8 am	Total
01-03-2022	180508.4	180646.7	138.30	90.30	228.60
02-03-2022	180737	180801.6	64.60	79.40	144.00
03-03-2022	180881	180881	0.00	0.00	0.00
04-03-2022	180881	180881	0.00	107.10	107.10
05-03-2022	180988.1	181134.5	146.40	124.00	270.40
06-03-2022	181258.5	181345.9	87.40	87.00	174.40
07-03-2022	181432.9	181587.1	154.20	129.40	283.60
08-03-2022	181716.5	181864.7	148.20	87.90	236.10
09-03-2022	181952.6	182057.1	104.50	68.00	172.50
10-03-2022	182125.1	182222.3	97.20	105.30	202.50
11-03-2022	182327.6	182479.2	151.60	87.40	239.00
12-03-2022	182566.6	182698.8	132.20	73.60	205.80
13-03-2022	182772.4	182889.3	116.90	75.00	191.90
14-03-2022	182964.3	183080.1	115.80	104.00	219.80
15-03-2022	183184.1	183316.5	132.40	31.20	163.60
16-03-2022	183347.7	183391.6	43.90	108.80	152.70
17-03-2022	183500.4	183576	75.60	88.70	164.30
18-03-2022	183664.7	183765.8	101.10	37.80	138.90
19-03-2022	183803.6	183845.3	41.70	57.60	99.30
20-03-2022	183902.9	184008.4	105.50	81.70	187.20
21-03-2022	184090.1	184208.6	118.50	94.50	213.00
22-03-2022	184303.1	184430.9	127.80	71.10	198.90
23-03-2022	184502	184621.4	119.40	90.00	209.40
24-03-2022	184711.4	184836.4	125.00	95.30	220.30
25-03-2022	184931.7	185091.6	159.90	96.00	255.90
26-03-2022	185187.6	185338.7	151.10	80.00	231.10
27-03-2022	185418.7	185520.1	101.40	77.20	178.60
28-03-2022	185597.3	185757.6	160.30	89.80	250.10
29-03-2022	185847.4	185983.8	136.40	71.20	207.60
30-03-2022	186055	186172.7	117.70	89.90	207.60
31-03-2022	186262.6	186390.7	128.10	67.80	195.90
Total					5,577.50



referred to

1.91

Treated Water Meter Report

Date	08:00:00 AM	08:00:00 PM	Consumption 8 am to 8 pm	Consumption 8pm to 8 am	Total
01-04-2022	186458.5	186563.2	104.70	81.90	186.60
02-04-2022	186645.1	186755.8	110.70	94.00	204.70
03-04-2022	186849.8	186928.4	78.60	66.20	144.80
04-04-2022	186994.6	187102.1	107.50	81.60	189.10
05-04-2022	187183.7	187285.4	101.70	77.40	179.10
06-04-2022	187362.8	187467.8	105.00	96.20	201.20
07-04-2022	187564	187680.8	116.80	94.20	211.00
08-04-2022	187775	187872.7	97.70	69.40	167.10
09-04-2022	187942.1	188061.8	119.70	100.50	220.20
10-04-2022	188162.3	188284.6	122.30	103.10	225.40
11-04-2022	188387.7	188495.9	108.20	91.70	199.90
12-04-2022	188587.6	188699.1	111.50	84.60	196.10
13-04-2022	188783.7	188898.7	115.00	76.60	191.60
14-04-2022	188975.3	189058.7	83.40	77.10	160.50
15-04-2022	189135.8	189246.6	110.80	83.40	194.20
16-04-2022	189330	189442.5	112.50	96.80	209.30
17-04-2022	189539.3	189650.8	111.50	88.30	199.80
18-04-2022	189739.1	189873.5	134.40	93.80	228.20
19-04-2022	189967.3	190069.5	102.20	80.60	182.80
20-04-2022	190150.1	190246.4	96.30	89.30	185.60
21-04-2022	190335.7	190502	166.30	78.50	244.80
22-04-2022	190580.5	190721.3	140.80	71.00	211.80
23-04-2022	190792.3	190893.8	101.50	76.80	178.30
24-04-2022	190970.6	191080.7	110.10	73.90	184.00
25-04-2022	191154.6	191269.2	114.60	90.90	205.50
26-04-2022	191360.1	191477.1	117.00	94.00	211.00
27-04-2022	191571.1	191670	98.90	81.70	180.60
28-04-2022	191751.7	191788.8	37.10	81.40	118.50
29-04-2022	191870.2	191964.4	94.20	98.00	192.20
30-04-2022	192062.4	192155.7	93.30	94.20	187.50
	Total				5,400.10
	Average per day				180.00



Treated Water Meter Report

Date	08:00:00 AM	08:00:00 PM	Consumption 8 am to 8 pm	Consumption 8pm to 8 am	Total
01-05-2022	192249.9	192276.6	26.70	65.50	92.20
02-05-2022	192342.1	192401.8	59.70	52.40	112.10
03-05-2022	192454.2	192527.6	73.40	21.60	95.00
04-05-2022	192549.2	192549.2	0.00	72.90	72.90
05-05-2022	192622.1	192712.5	90.40	74.70	165.10
06-05-2022	192787.2	192850.7	63.50	87.70	151.20
07-05-2022	192938.4	193057.2	118.80	84.60	203.40
08-05-2022	193141.8	193232.1	90.30	83.20	173.50
09-05-2022	193315.3	193430.1	114.80	107.00	221.80
10-05-2022	193537.1	193659.3	122.20	102.40	224.60
11-05-2022	193761.7	193910.9	149.20	113.30	262.50
12-05-2022	194024.2	194142.3	118.10	85.20	203.30
13-05-2022	194227.5	194351.1	123.60	97.50	221.10
14-05-2022	194448.6	194533.4	84.80	105.40	190.20
15-05-2022	194638.8	194714.4	75.60	202.60	278.20
16-05-2022	194917	194939.1	22.10	50.30	72.40
17-05-2022	194989.4	195077	87.60	99.30	186.90
18-05-2022	195176.3	195276.1	99.80	81.00	180.80
19-05-2022	195357.1	195454.3	97.20	88.20	185.40
20-05-2022	195542.5	195647.8	105.30	91.00	196.30
21-05-2022	195738.8	195855.2	116.40	94.50	210.90
22-05-2022	195949.7	196074.2	124.50	91.60	216.10
23-05-2022	196165.8	196301.4	135.60	111.90	247.50
24-05-2022	196413.3	196553.4	140.10	130.30	270.40
25-05-2022	196683.7	196777.2	93.50	97.00	190.50
26-05-2022	196874.2	196971.9	97.70	89.10	186.80
27-05-2022	197061	197164.9	103.90	101.20	205.10
28-05-2022	197266.1	197360.9	94.80	74.70	169.50
29-05-2022	197435.6	197528.7	93.10	101.40	194.50
30-05-2022	197630.1	197735.7	105.60	96.20	201.80
31-05-2022	197831.9	197938.8	106.90	67.60	174.50
Total					5,457.20



Treated Water Meter Report

Date	08:00:00 AM	08:00:00 PM	Consumption 8 am to 8 pm	Consumption 8pm to 8 am	Total
01-06-2022	198006.4	198107.9	101.50	131.20	232.70
02-06-2022	198239.1	198339.6	100.50	102.50	203.00
03-06-2022	198442.1	198534.4	92.30	88.20	180.50
04-06-2022	198622.6	198730.2	107.60	68.20	175.80
05-06-2022	198798.4	198881.4	83.00	107.70	190.70
06-06-2022	198989.1	199097	107.90	95.00	202.90
07-06-2022	199192	199277.5	85.50	89.00	174.50
08-06-2022	199366.5	199464.2	97.70	86.50	184.20
09-06-2022	199550.7	199628.9	78.20	84.90	163.10
10-06-2022	199713.8	199810.6	96.80	99.60	196.40
11-06-2022	199910.2	200016	105.80	99.60	205.40
12-06-2022	200115.6	200214.4	98.80	110.20	209.00
13-06-2022	200324.6	200436.5	111.90	105.10	217.00
14-06-2022	200541.6	200646.4	104.80	111.90	216.70
15-06-2022	200758.3	200882	123.70	105.30	229.00
16-06-2022	200987.3	201107.6	120.30	103.10	223.40
17-06-2022	201210.7	201328.9	118.20	110.10	228.30
18-06-2022	201439	201568.9	129.90	103.30	233.20
19-06-2022	201672.2	201672.3	0.10	205.80	205.90
20-06-2022	201878.1	202019	140.90	154.60	295.50
21-06-2022	202173.6	202260.1	86.50	90.30	176.80
22-06-2022	202350.4	202439.2	88.80	85.30	174.10
23-06-2022	202524.5	202623.9	99.40	94.10	193.50
24-06-2022	202718	202805.4	87.40	91.30	178.70
25-06-2022	202896.7	202980.5	83.80	82.90	166.70
26-06-2022	203063.4	203163.3	99.90	85.00	184.90
27-06-2022	203248.3	203248.3	0.00	70.80	70.80
28-06-2022	203319.1	203408.5	89.40	77.20	166.60
29-06-2022	203485.7	203566.7	81.00	78.40	159.40
30-06-2022	203645.1	203718.1	73.00	99.00	172.00
Total					5,375.00
				Average per day	179.17



Treated Water Meter Report

Date	08:00:00 AM	08:00:00 PM	Consumption 8 am to 8 pm	Consumption 8pm to 8 am	Total
01-07-2022	203817.1	203895.9	78.80	0.00	78.80
02-07-2022	203895.9	203895.9	0.00	94.80	94.80
03-07-2022	203990.7	204065.1	74.40	110.30	184.70
04-07-2022	204175.4	204285.1	109.70	121.30	231.00
05-07-2022	204406.4	204516.8	110.40	109.30	219.70
06-07-2022	204626.1	204898.8	272.70	91.30	364.00
07-07-2022	204990.1	205101.8	111.70	98.50	210.20
08-07-2022	205200.3	205301.2	100.90	90.00	190.90
09-07-2022	205391.2	205505.6	114.40	95.60	210.00
10-07-2022	205601.2	205714.4	113.20	108.60	221.80
11-07-2022	205823	205940.8	117.80	107.30	225.10
12-07-2022	206048.1	206166	117.90	97.60	215.50
13-07-2022	206263.6	206383.4	119.80	105.70	225.50
14-07-2022	206489.1	206600.6	111.50	95.70	207.20
15-07-2022	206696.3	206770.4	74.10	89.60	163.70
16-07-2022	206860	206942.6	82.60	65.90	148.50
17-07-2022	207008.5	207115.4	106.90	114.80	221.70
18-07-2022	207230.2	207332.2	102.00	107.90	209.90
19-07-2022	207440.1	207523.7	83.60	100.60	184.20
20-07-2022	207624.3	207708.6	84.30	85.20	169.50
21-07-2022	207793.8	207892.6	98.80	24.20	123.00
22-07-2022	207916.8	208004.6	87.80	93.10	180.90
23-07-2022	208097.7	208200.1	102.40	70.00	172.40
24-07-2022	208270.1	208315.4	45.30	-0.20	45.10
25-07-2022	208315.2	208360.1	44.90	30.00	74.90
26-07-2022	208390.1	208390.1	0.00	0.00	0.00
27-07-2022	208390.1	208390.1	0.00	122.90	122.90
28-07-2022	208513	208610.8	97.80	112.70	210.50
29-07-2022	208723.5	208837.1	113.60	98.70	212.30
30-07-2022	208935.8	209059.2	123.40	118.30	241.70
31-07-2022	209177.5	209220.7	43.20	88.50	131.70
			Total		5,133.80



Treated Water Meter Report

Date	08:00:00 AM	08:00:00 PM	Consumption 8 am to 8 pm	Consumption 8pm to 8 am	Total
01-08-2022	209309.2	209398.9	89.70	112.30	202.00
02-08-2022	209511.2	209616.7	105.50	103.40	208.90
03-08-2022	209720.1	209805.7	85.60	105.60	191.20
04-08-2022	209911.3	209991.5	80.20	87.00	167.20
05-08-2022	210078.5	210173.7	95.20	90.90	186.10
06-08-2022	210264.6	210390.5	125.90	73.40	199.30
07-08-2022	210463.9	210567.1	103.20	86.90	190.10
08-08-2022	210654	210741.1	87.10	61.90	149.00
09-08-2022	210803	210869.5	66.50	91.60	158.10
10-08-2022	210961.1	211036.2	75.10	82.60	157.70
11-08-2022	211118.8	211195.8	77.00	73.00	150.00
12-08-2022	211268.8	211365.8	97.00	90.60	187.60
13-08-2022	211456.4	211587.2	130.80	136.90	267.70
14-08-2022	211724.1	211871.6	147.50	136.40	283.90
15-08-2022	212008	212127.6	119.60	104.70	224.30
16-08-2022	212232.3	212347.8	115.50	92.30	207.80
17-08-2022	212440.1	212547.3	107.20	93.50	200.70
18-08-2022	212640.8	212757.3	116.50	109.20	225.70
19-08-2022	212866.5	212972.3	105.80	53.60	159.40
20-08-2022	213025.9	213099.9	74.00	81.20	155.20
21-08-2022	213181.1	213282	100.90	98.10	199.00
22-08-2022	213380.1	213482.9	102.80	115.20	218.00
23-08-2022	213598.1	213702.5	104.40	71.90	176.30
24-08-2022	213774.4	213861.6	87.20	69.90	157.10
25-08-2022	213931.5	214012	80.50	72.70	153.20
26-08-2022	214084.7	214146.8	62.10	85.20	147.30
27-08-2022	214232	214290.9	58.90	53.70	112.60
28-08-2022	214344.6	214466.3	121.70	90.80	212.50
29-08-2022	214557.1	214641.7	84.60	84.60	169.20
30-08-2022	214726.3	214769.8	43.50	79.10	122.60
31-08-2022	214848.9	214848.9	0.00	0.00	0.00
Total			4,937.60		159.28
Average per day					



Treated Water Meter Report

Date	08:00:00 AM	08:00:00 PM	Consumption 8 am to 8 pm	Consumption 8pm to 8 am	Total
01-09-2022	214848.9	214848.9	0.00	0.00	0.00
02-09-2022	214848.9	214848.9	0.00	0.00	0.00
03-09-2022	214848.9	214888.1	39.20	84.00	123.20
04-09-2022	214972.1	215064.8	92.70	75.20	167.90
05-09-2022	215140	215238.3	98.30	81.00	179.30
06-09-2022	215319.3	215385.2	65.90	52.20	118.10
07-09-2022	215437.4	215545.8	108.40	47.50	155.90
08-09-2022	215593.3	215700	106.70	85.90	192.60
09-09-2022	215785.9	215876.4	90.50	52.30	142.80
10-09-2022	215928.7	215986.1	57.40	72.40	129.80
11-09-2022	216058.5	216058.5	0.00	78.40	78.40
12-09-2022	216136.9	216214.3	77.40	79.80	157.20
13-09-2022	216294.1	216364.1	70.00	42.10	112.10
14-09-2022	216406.2	216471.1	64.90	68.60	133.50
15-09-2022	216539.7	216597.4	57.70	71.70	129.40
16-09-2022	216669.1	216765.7	96.60	49.60	146.20
17-09-2022	216815.3	216930.6	115.30	81.70	197.00
18-09-2022	217012.3	217093.6	81.30	84.10	165.40
19-09-2022	217177.7	217218.5	40.80	62.10	102.90
20-09-2022	217280.6	217327.7	47.10	56.10	103.20
21-09-2022	217383.8	217421.9	38.10	74.20	112.30
22-09-2022	217496.1	217519.8	23.70	46.50	70.20
23-09-2022	217566.3	217661.3	95.00	58.50	153.50
24-09-2022	217719.8	217817.4	97.60	40.70	138.30
25-09-2022	217858.1	217934.4	76.30	57.20	133.50
26-09-2022	217991.6	218084.8	93.20	57.20	150.40
27-09-2022	218142	218213.4	71.40	61.10	132.50
28-09-2022	218274.5	218325.8	51.30	51.00	102.30
29-09-2022	218376.8	218434.7	57.90	45.90	103.80
30-09-2022	218480.6	218572.8	92.20	196.10	288.30
Total			Total		3,920.00
			Average per day		130.67



Treated Water Meter Report

Date	08:00:00 AM	08:00:00 PM	Consumption 8 am to 8 pm	Consumption 8pm to 8 am	Total
01-10-2022	218652.7	218768.9	116.20	94.80	211.00
02-10-2022	218863.7	218936.8	73.10	87.90	161.00
03-10-2022	219024.7	219177.9	153.20	99.20	252.40
04-10-2022	219277.1	219448.3	171.20	119.40	290.60
05-10-2022	219567.7	219673.3	105.60	100.90	206.50
06-10-2022	219774.2	219896.8	122.60	130.80	253.40
07-10-2022	220027.6	220186.2	158.60	94.90	253.50
08-10-2022	220281.1	220448.4	167.30	144.20	311.50
09-10-2022	220592.6	220705.2	112.60	102.20	214.80
10-10-2022	220807.4	220922.3	114.90	114.40	229.30
11-10-2022	221036.7	221158.8	122.10	92.50	214.60
12-10-2022	221251.3	221362.2	110.90	113.80	224.70
13-10-2022	221476	221584.8	108.80	94.30	203.10
14-10-2022	221679.1	221763.2	84.10	90.90	175.00
15-10-2022	221854.1	221946.4	92.30	69.40	161.70
16-10-2022	222015.8	222107.8	92.00	83.50	175.50
17-10-2022	222191.3	222297.8	106.50	110.30	216.80
18-10-2022	222408.1	222516.9	108.80	119.80	228.60
19-10-2022	222636.7	222739.3	102.60	82.40	185.00
20-10-2022	222821.7	222925.6	103.90	76.10	180.00
21-10-2022	223001.7	223120.6	118.90	101.60	220.50
22-10-2022	223222.2	223325.7	103.50	81.80	185.30
23-10-2022	223407.5	223480.3	72.80	119.10	191.90
24-10-2022	223599.4	223686.9	87.50	75.70	163.20
25-10-2022	223762.6	223842.5	79.90	102.10	182.00
26-10-2022	223944.6	223996.7	52.10	83.50	135.60
27-10-2022	224080.2	224164.7	84.50	87.10	171.60
28-10-2022	224251.8	224339.3	87.50	71.00	158.50
29-10-2022	224410.3	224515.4	105.10	82.90	188.00
30-10-2022	224598.3	224652.8	54.50	87.80	142.30
31-10-2022	224740.6	224811.7	71.10	76.40	147.50
			Total		5,611.00
			Average per day		181.00



Treated Water Meter Report

Date	08:00:00 AM	08:00:00 PM	Consumption 8 am to 8 pm	Consumption 8pm to 8 am	Total
01-11-2022	224888.1	224965.2	77.10	88.80	165.90
02-11-2022	225054	225091.1	37.10	96.70	133.80
03-11-2022	225187.8	225287.8	100.00	84.30	184.30
04-11-2022	225372.1	225462.8	90.70	97.80	188.50
05-11-2022	225560.6	225636.1	0.00	71.60	71.60
06-11-2022	225707.7	225793.3	85.60	76.80	162.40
07-11-2022	225870.1	225949.7	79.60	81.30	160.90
08-11-2022	226031	226118.4	87.40	80.90	168.30
09-11-2022	226199.3	226298.3	99.00	84.10	183.10
10-11-2022	226382.4	226468.8	86.40	81.30	167.70
11-11-2022	226550.1	226644.8	94.70	56.50	151.20
12-11-2022	226701.3	226778.6	77.30	49.90	127.20
13-11-2022	226828.5	226912.8	84.30	71.30	155.60
14-11-2022	226984.1	227079.7	95.60	51.00	146.60
15-11-2022	227130.7	227218.7	88.00	85.10	173.10
16-11-2022	227303.8	227370.1	66.30	74.00	140.30
17-11-2022	227444.1	227534.2	90.10	71.80	161.90
18-11-2022	227606	227681.7	75.70	62.70	138.40
19-11-2022	227744.4	227770.1	25.70	80.50	106.20
20-11-2022	227850.6	227935.4	84.80	108.70	193.50
21-11-2022	228044.1	228138.9	94.80	76.80	171.60
22-11-2022	228215.7	228315.9	100.20	64.60	164.80
23-11-2022	228380.5	228461.6	81.10	76.20	157.30
24-11-2022	228537.8	228618.8	81.00	78.80	159.80
25-11-2022	228697.6	228772.3	74.70	69.60	144.30
26-11-2022	228841.9	228891.3	49.40	85.10	134.50
27-11-2022	228976.4	229060.7	84.30	78.30	162.60
28-11-2022	229139	229182.9	43.90	53.00	96.90
29-11-2022	229235.9	229321.3	85.40	81.50	166.90
30-11-2022	229402.8	229486.8	84.00	64.30	148.30
		Total			4,287.80
		Average per day			142.93



Treated Water Meter Report

Date	08:00:00 AM	08:00:00 PM	Consumption 8 am to 8 pm	Consumption 8pm to 8 am	Total
01-12-2022	229551.1	229635.8	84.70	77.50	162.20
02-12-2022	229713.3	229797.7	84.40	90.40	174.80
03-12-2022	229888.1	229968.4	80.30	60.40	140.70
04-12-2022	230028.8	230110.7	81.90	78.30	160.20
05-12-2022	230189	230274.9	85.90	90.60	176.50
06-12-2022	230365.5	230450.1	84.60	83.20	167.80
07-12-2022	230533.3	230643.7	110.40	72.00	182.40
08-12-2022	230715.7	230817.1	101.40	88.70	190.10
09-12-2022	230905.8	230989.7	83.90	39.00	122.90
10-12-2022	231028.7	231107.4	78.70	54.90	133.60
11-12-2022	231162.3	231246.4	84.10	79.70	163.80
12-12-2022	231326.1	231373.3	47.20	72.80	120.00
13-12-2022	231446.1	231518.8	72.70	72.60	145.30
14-12-2022	231591.4	231676	84.60	84.60	169.20
15-12-2022	231760.6	231840.8	80.20	84.10	164.30
16-12-2022	231924.9	232009.6	84.70	95.50	180.20
17-12-2022	232105.1	232184.3	79.20	75.60	154.80
18-12-2022	232259.9	232340.1	80.20	80.10	160.30
19-12-2022	232420.2	232500.2	80.00	83.90	163.90
20-12-2022	232584.1	232697.8	113.70	93.30	207.00
21-12-2022	232791.1	232886.8	95.70	89.20	184.90
22-12-2022	232976	233087.6	111.60	81.60	193.20
23-12-2022	233169.2	233269.8	100.60	78.40	179.00
24-12-2022	233348.2	233447.2	99.00	66.20	165.20
25-12-2022	233513.4	233596.4	83.00	57.00	140.00
26-12-2022	233653.4	233767.2	113.80	50.90	164.70
27-12-2022	233818.1	233912.6	94.50	72.90	167.40
28-12-2022	233985.5	234111.3	125.80	88.10	213.90
29-12-2022	234199.4	234309.6	110.20	75.20	185.40
30-12-2022	234384.8	234489.8	105.00	71.10	176.10
31-12-2022	234560.9	234674.6	113.70	79.50	193.20
Total			4,725.30		157.42
Average per day					



Treated Water Meter Report

Date	08:00:00 AM	08:00:00 PM	Consumption 8 am to 8 pm	Consumption 8pm to 8 am	Total
01-01-2023	234754.1	234839.9	85.80	54.20	140.00
02-01-2023	234894.1	234995.6	101.50	0.00	101.50
03-01-2023	234995.6	235054.4	58.80	82.10	140.90
04-01-2023	235136.5	235220.7	84.20	79.80	164.00
05-01-2023	235300.5	235389.5	89.00	79.00	168.00
06-01-2023	235468.5	235578.4	109.90	75.20	185.10
07-01-2023	235653.6	235750.7	97.10	88.00	185.10
08-01-2023	235838.7	235919.8	81.10	82.30	163.40
09-01-2023	236002.1	236119.9	117.80	90.10	207.90
10-01-2023	236210	236301.8	91.80	79.50	171.30
11-01-2023	236381.3	236439.6	58.30	88.60	146.90
12-01-2023	236528.2	236585.9	57.70	45.20	102.90
13-01-2023	236631.1	236673.7	42.60	32.30	74.90
14-01-2023	236706	236751.7	45.70	28.40	74.10
15-01-2023	236780.1	236830.2	50.10	28.50	78.60
16-01-2023	236858.7	236912.1	53.40	26.20	79.60
17-01-2023	236938.3	237012.4	74.10	96.10	170.20
18-01-2023	237108.5	237242.6	134.10	184.40	318.50
19-01-2023	237427	237546	119.00	68.00	187.00
20-01-2023	237614	237728.2	114.20	65.50	179.70
21-01-2023	237793.7	237886.2	92.50	81.80	174.30
22-01-2023	237968	238055.5	87.50	72.90	160.40
23-01-2023	238128.4	238230.9	102.50	96.20	198.70
24-01-2023	238327.1	238472.6	145.50	35.20	180.70
25-01-2023	238507.8	238600.9	93.10	99.00	192.10
26-01-2023	238699.9	238795.8	95.90	78.00	173.90
27-01-2023	238873.8	238977	103.20	40.00	143.20
28-01-2023	239017	239186	169.00	124.80	293.80
29-01-2023	239310.8	239405.7	94.90	94.80	189.70
30-01-2023	239500.5	239596.3	95.80	66.70	162.50
31-01-2023	239663	239761.8	98.80	60.90	159.70
		Total			5,068.60



Treated Water Meter Report

Date	08:00:00 AM	08:00:00 PM	Consumption 8 am to 8 pm	Consumption 8pm to 8 am	Total
01-02-2023	239822.7	239887.9	65.20	76.90	142.10
02-02-2023	239964.8	240027.7	62.90	66.60	129.50
03-02-2023	240094.3	240116.1	21.80	55.30	77.10
04-02-2023	240171.4	240256.9	85.50	61.20	146.70
05-02-2023	240318.1	240379.3	61.20	66.90	128.10
06-02-2023	240446.2	240511	64.80	69.10	133.90
07-02-2023	240580.1	240678.7	98.60	75.30	173.90
08-02-2023	240754	240830.7	76.70	87.40	164.10
09-02-2023	240918.1	240997.3	79.20	75.50	154.70
10-02-2023	241072.8	241168	95.20	120.90	216.10
11-02-2023	241288.9	241304.3	15.40	44.60	60.00
12-02-2023	241348.9	241397.1	48.20	42.90	91.10
13-02-2023	241440	241532.1	92.10	68.60	160.70
14-02-2023	241600.7	241695.7	95.00	61.60	156.60
15-02-2023	241757.3	241829.3	72.00	38.10	110.10
16-02-2023	241867.4	241932.7	65.30	72.00	137.30
17-02-2023	242004.7	242099.3	94.60	49.40	144.00
18-02-2023	242148.7	242213.6	64.90	54.90	119.80
19-02-2023	242268.5	242350.7	82.20	45.00	127.20
20-02-2023	242395.7	242494.2	98.50	44.60	143.10
21-02-2023	242538.8	242639.4	100.60	65.60	166.20
22-02-2023	242705	242792.7	87.70	62.70	150.40
23-02-2023	242855.4	242935.7	80.30	69.70	150.00
24-02-2023	243005.4	243116.7	111.30	69.40	180.70
25-02-2023	243186.1	243313.7	127.60	72.40	200.00
26-02-2023	243386.1	243481.7	95.60	89.60	185.20
27-02-2023	243571.3	243701.5	130.20	83.20	213.40
28-02-2023	243784.7	243912	127.30	87.40	214.70
Total			Average per day		3,828.00
					136.71



1. $\{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100\}$

Project : Environment Audit for Mahatma Gandhi University of Medical Sciences & Technology

Promoter : Mahatma Gandhi Medical College & Hospital

ANNEXURE IV

Monitoring Reports



JAGDAMBA LABORATORIES

QSA CBA
ISO 9001:2015 CERTIFIED

Govt. Approved Test House

119, Solitaire Industrial Park, Phase-1st, Dahmi Kallan

Bagru, Jaipur - 303007 (Rajasthan)

Tel. : 0141-2390604 Email : jagdambalab4@gmail.com, jagdamba_lab@yahoo.com Web : jagdambalab.com



TESTING OF WATER | FOODS | ALCOHOLIC DRINKS | DRUGS | HERBALS | COSMETICS | CHEMICALS | MINERALS | BUILDING MATERIAL | OILS

TEST REPORT

Sample Name	STP INLET WATER		
Report No.	JLWT230525013	Batch No.	NA
Sample Code	NA	Mfg. Date	NA
Date of Received	25/05/2023	Exp. Date	NA
Started of Analysis	25/05/2023	Sample Condition	Sealed
End of Analysis	30/05/2023	Sample Qty.	2Ltr.
Report Release Date	31/05/2023	Ref. No.	G73 Dt. 24.05.23
Sample Submitted By	MGUMST RIICO Industrial Area, Sitapura, Tonk Road Jaipur		
Test Report Issued to	MGUMST RIICO Industrial Area, Sitapura, Tonk Road Jaipur Rajasthan		
Environment Condition	Room Temperature (°C): As per Standard. Relative Humidity (%): as per Standard		

TEST RESULTS

Reference : As per Compliance of Environmental Acts/Rules 1998

Description : Yellowish Colour Liquid with having suspended particals.

Sl. No.	Test Parameter	Unit	Found	Specifications	Method of Tests
Chemical Examination					
1	pH	-	7.92	5.5 - 9.0	IS 3025 Part-11 : 1983, RA 2017
2	Total Suspended Solids (TSS)	mg/ltr	156	Max 100	IS 3025 Part-17 : 1984, RA 2017
3	Chemical Oxygen Demand (COD)	mg/ltr	400.80	Max 250	APHA 22nd Edition (Method No 5220B) 2012
4	Bio-Chemical Oxygen Demand (BOD) (for 5 days at 20°C)	mg/ltr	104.20	Max 30	APHA 22nd Edition (Method No 5210B) 2012
5	Oil & Grease	mg/ltr	0.60	Max 10	APHA 22nd Edition (Method No 5220B) 2012
6	Total Dissolve Solids (T.D.S.)	mg/ltr	3920	---	IS 3025 Part-16 : 1984, RA 2017

The above sample not confirms to As per Compliance of Environmental Acts/Rules 1998 with respect to the above tests.

END OF REPORT

21/05/23
Review by

Gajanand Kumawat
Sr. Analyst

Authorised Signatory
Manoj Yadav
Technical Manager-Chemical

NOTE :

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2. Total liability of this Laboratory is limited to the invoice amount.
3. This results listed refer only to the above sample and applicable parameter's Endorsement of products is neither inferred nor implied.
4. Sample will be destroyed after one month (in case of non-perishable items only) the date of issue of test certificate unless otherwise specified.
5. Report refer to the Sample Submitted to us and not drawn by Jagdamba Laboratories unless mentioned otherwise.



JAGDAMBA LABORATORIES



Govt. Approved Test House

119, Solitaire Industrial Park, Phase-I, Dahmi Kallan

Bagru, Jaipur - 303007 (Rajasthan)

TC-5187

Tel.: 0141-2390604 Email: jagdambalab4@gmail.com, jagdamba_lab@yahoo.com Web: jagdambalab.com



TESTING OF WATER | FOODS | ALCOHOLIC DRINKS | DRUGS | HERBALS | COSMETICS | CHEMICALS | MINERALS | BUILDING MATERIAL | METALS

TEST REPORT

Sample Name	STP OUTLET WATER		
Report No.	JLWT230525014	Batch No.	NA
Sample Code	NA	Mfg. Date	NA
Date of Received	25/05/2023	Exp. Date	NA
Started of Analysis	25/05/2023	Sample Condition	Sealed
End of Analysis	30/05/2023	Sample Qty.	2Ltr
Report Release Date	31/05/2023	Ref. No.	673 Dt: 24.05.23
Sample Submitted By	MGUMST RIICO Industrial Area, Sitapura, Tonk Road Jaipur		
Test Report Issued to	MGUMST RIICO Industrial Area, Sitapura, Tonk Road Jaipur Rajasthan		
Environment Condition	Room Temperature (°C): As per Standard, Relative Humidity (%): as per Standard		

TEST RESULTS

Reference : As per Compliance of Environmental Acts/Rules 1998

Description : Pale Yellow Colour Liquid with having suspended particles.

Sl. No.	Test Parameter	Unit	Found	Specifications	Method of Tests
Chemical Examination					
1	pH	-	8.20	5.5 - 9.0	IS 3025 Part-11 : 1983, RA 2017
2	Total Suspended Solids (TSS)	mg/ltr	42.0	Max 100	IS 3025 Part-17 : 1984, RA 2017
3	Chemical Oxygen Demand (COD)	mg/ltr	36.07	Max 250	APHA 22nd Edition (Method No 5220B) 2012
4	Bio-Chemical Oxygen Demand (BOD) (for 5 days at 20°C)	mg/ltr	9.40	Max 30	APHA 22nd Edition (Method No 5210B) 2012
5	Oil & Grease	mg/ltr	0.20	Max 10	APHA 22nd Edition (Method No 5228B) 2012
6	Total Dissolve Solids (T.D.S)	mg/ltr	3840	---	IS 3025 Part-16 : 1984, RA 2017

The above sample confirms to As per Compliance of Environmental Acts/Rules 1998 with respect to the above tests only.

END OF REPORT

31/05/23

Review by
Gaganand Kumawat
Sr. Analyst

Manoj
Authorized Signatory
Manoj Yadav
Technical Manager-Chemical

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Govt. Approved Test House

119, Solitaire Industrial Park, Phase-1st, Dahmi Kallan

Bagru, Jaipur - 303007 (Rajasthan)

Tel : 0141-2390694 Email : jagdambalab4@gmail.com, jagdamba_lab@yahoo.com Web : jagdambalab.com

TESTING OF WATER | FOODS | ALCOHOLIC DRINKS | DRUGS | HERBALS | COSMETICS | CHEMICALS | MINERALS | BUILDING MATERIAL | METALS

TEST REPORT

Sample Description	SOURCE: STP OUTLET WATER		
Report No.	JLWT2300525014	Batch No.	NS
Received Date	25/05/2023	Mfg. Date	NS
Start of Analysis	25/05/2023	Exp. Date	NS
End of Analysis	30/05/2023	Sample Condition	ok
Report Release Date	31/05/2023	Sample Qty. (Appx.)	5 Ltr.
Sample Collected From	M/S MGUMST, RIICO INSTITUTIONAL AREA, SITAPURA, TONK ROAD, JAIPUR (RAJ.)		
Test Report Issued to	M/S MGUMST, RIICO INSTITUTIONAL AREA, SITAPURA, TONK ROAD, JAIPUR (RAJ.)		
Environment Condition	Temp (°C) : As per Standard, Relative Humidity (%) : As per Standard		

Test Result

BIO ASSAY TEST

Test Containers : 10 Containers (Jar) 25 to 30cm in Diameters, Capable of holding 15 to 20 liters of water.
Acclimatizing Tank : Aquarium Tank Size : 100 Ltr.
Number of Test Fish : 15 Fish
Dissolved Oxygen (DO) : 7.89 mg/ltr.
Feeding of Fish : Not Fed 24 TO 48 hours Before Bio assay Test.
Observation : After 96 Hours all 15 Fish Survive During The Test

S.NO	TEST PARAMETERS	LIMIT	TEST RESULT	METHOD OF TEST
1	Bio Assay Test	Minimum 90% Survival After 96 Hours in 100% Effluent	100% Survival After 96 Hours in 100% Effluent (Passes The Test)	IS 6552:1971

END OF REPORT

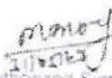


31/05/23

Review By

Gajanan Kumawat

Sr. Analyst



Authorized Signatory

Manoj Yadav

Technical Manager-Chemical

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5. Report refer to the Sample Submitted to us and not drawn by Jagdamba Laboratories unless mentioned otherwise.



TC-1085

**KADAM ENVIRONMENTAL CONSULTANTS**

An ISO 9001:2015 Certified Company

(MoEF Approved)

871/B/3, Near Himalaya Machinery, GIDC Makarpura, Vadodra-10
Phone : (O) 0265 - 6131000, 6131001**ENVIRONMENTAL MONITORING REPORT****LABORATORY TEST REPORT - NOISE**

REPORT NO.: DEC22/218/09(ULR- TC709922000024165F)

SAMPLE DETAILS

1.	Name & Address of Client: Mahatma Gandhi University of Medical Science & Technology RIICO Institutional Area, Sitapura, Tonk Road, Jaipur 302022, Rajasthan.	3.	Client Representative: Mr. Mukesh Khandelwal
2.	Sample ID: 2150828115 - 218DC22N01	5.	Sample Collected By: Mr. Ratan Rai
4.	Sampling Date: 16.12.2022	7.	Analysis Completed on: 16.12.2022
6.	Analysis Commenced on: 16.12.2022	9.	Sampling Location: Near Main gate
8.	Reporting Date: 31.12.2022		
10.	Discipline: Chemical		
11.	Group: Atmospheric pollution		
12.	Product: Ambient Noise Levels		

TEST RESULTS

S. No.	Location	Unit (SI)	Day Reading	Night reading	Method
1.	Nr. Water Tank	dB(A)	56.8	-	IS 9989:1981

STANDARD

Ambient Air Quality Standards in Respect of NOISE	Area Code	Category	Limits in dB(A) Leq*	
			Daytime	Nighttime
THE NOISE POLLUTION (REGULATION AND CONTROL) RULES, 2000	A	Industrial	75.0	70.0
	B	Commercial	65.0	55.0
	C	Residential	55.0	45.0
	D	Silence	50.0	40.0

Note :

Daytime 6:00 AM to 10:00 PM

Nighttime 10:00 PM to 6:00 AM

dB(A) Leq* denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.

Remark :

Authorized By -

Name : Sapana Amin

Designation: Lab Incharge

NOTE : 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.

2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.

3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

TEST REPORT FORMAT - NOISE

DOC. NO.: LAB-FMT-087	Issue No.: 02	Revision No.: 00
Effective Date: 01-07-2020	Issue Date: 01-05-2015	Revision Date: 01-07-2020

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1



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87 1/B/3, Near Himalaya Machinery, GIDC Makarpura, Vadodra-10.

Phone : (O) 0265 - 6131000, 6131001



ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – STACK

REPORT NO.: DEC22/229/03 (ULR- TC709923000001345F)

SAMPLE DETAILS

1.	Name & Address of Client: Mahatma Gandhi University of Medical Science & Technology RJICO Institutional Area, Sitapura, Tonk Road, Jaipur 302022, Rajasthan.		
2.	Sample ID: 2150828115 - 229DC22SE03	3.	Client Representative: Mr. Mukesh Khandelwal
4.	Sample Date: 16.12.2022	5.	Sampling Location: D.G.Set - 2 (1010 KVA)
6.	Sampling Time: 14.30 hr	7.	Sampling Duration: 20 Min
8.	Analysis commenced on: 20.01.2023	9.	Analysis Completed on: 20.01.2023
10.	Reporting Date: 21.01.2023	11.	Discipline: Chemical
12.	Sample Collected By: Mr. Ratan Rai	13.	Group: Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample:	Sampling Bottles: Sealed <input checked="" type="checkbox"/>	Thimble: Packed <input checked="" type="checkbox"/>
17.	Sample Received Date: 20.01.2023	Bladder: Clamped	

STACK DETAILS

S. No.	Parameters	Unit (SI)	Description
1.	Source		D.G.Set - 2 (1010 KVA)
2.	Height	m	
3.	Diameter	cm	
4.	Temperature	°C	140
5.	Velocity	m/s	9.2
6.	Type of fuel used		Diesel
7.	Quantity of fuel used		

TEST RESULTS

S. No.	Parameters	Unit (SI)	Results	Specification/SPCB Norms/BIS Standards	Method Used
1.	Particulate Matter	mg/Nm ³	45	N.A.	IS 11255 (Part 1): 1985
2.	Sulphur Dioxide(SO ₂)	ppm	9.08	N.A.	IS 11255 (Part 2): 1985
3.	Oxides of Nitrogen (NOx)	ppm	16.24	N.A.	IS 11255 (Part 7): 2005

Remarks:

Authorized By

Name : Sapana Amin

Designation: Lab Incharge

NOTE:

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- 2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.
- 3) The results reported above relate to the sample identified under Sample Details.

END OF REPORT

TEST REPORT FORMAT - STACK

DOC. NO.: LAB-FMT-052	Issue No.: 02	Revision No.: 03
Effective Date: 01.03.2021	Issue Date: 01.01.2015	Revision Date: 01.03.2021



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ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – STACK

REPORT NO.: DEC22/229/01 (ULR- TC700023000001343F)

SAMPLE DETAILS

1.	Name & Address of Client: Mahatma Gandhi University of Medical Science & Technology RIICO Institutional Area, Sitapura, Tonk Road, Jaipur 302022, Rajasthan.	3.	Client Representative: Mr. Mukesh Khandelwal
2.	Sample ID: 2150828115 - 229DC225E01	4.	Sampling Location: D.G.Set - 1 (2000 KVA)
4.	Sample Date: 16.12.2022	5.	Sampling Duration: 20 Min
6.	Sampling Time: 10:30 hr	7.	Analysis Completed on: 20.01.2023
8.	Analysis commenced on: 20.01.2023	9.	Discipline: Chemical
10.	Reporting Date: 21.01.2023	11.	Group: Atmospheric Pollution
12.	Sample Collected By: Mr. Ratan Rai	13.	Product: Stack Emission
14.	Sampling Procedure: IS Method	15.	
16.	Description of Sample: Sampling Bottles: Sealed <input checked="" type="checkbox"/> Thimble: Packed <input checked="" type="checkbox"/> Bladder: Clamped		
17.	Sample Received Date: 20.01.2023		

STACK DETAILS

S. No.	Parameters	Unit (SI)	Description
1.	Source		D.G.Set - 1 (2000 KVA)
2.	Height	m	-
3.	Diameter	mm	-
4.	Temperature	°C	110
5.	Velocity	m/s	10.2
6.	Type of fuel used	-	Diesel
7.	Quantity of fuel used	-	-

TEST RESULTS

S. No.	Parameters	Unit (SI)	Results	Specification/SPCB Norms/BIS Standards	Method Used
1.	Particulate Matter	mg/Nm ³	51	N.A.	IS 11255 (Part 1) : 1985
2.	Sulphur Dioxide(SO ₂)	ppm	8.52	N.A.	IS 11255 (Part 2) : 1985
3.	Oxides of Nitrogen (NOx)	ppm	17.45	N.A.	IS 11255 (Part 7) : 2005

Remark:

Authorized By - *[Signature]*

Name : Sapana Amin

Designation: Lab Incharge

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- 3) The results reported above relate to the sample identified under Sample Details.

END OF REPORT

TEST REPORT FORMAT - STACK

DOC. NO.: LAB-FMT-052	Issue No.: 02	Revision No.: 03
Effective Date: 01.03.2021	Issue Date: 01.01.2015	Revision Date: 01.03.2021

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Bagru, Jaipur - 303007 (Rajasthan)

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TESTING OF WATER | FOODS | ALCOHOLIC DRINKS | DRUGS | HERBALS | COSMETICS | CHEMICALS | MINERALS | BUILDING MATERIAL | METALS

TEST REPORT

Sample Description	DIALYSIS WATER		
Report No.	JLWT230525011	Batch No.	NS
Received Date	25/05/2023	Mfg. Date	NS
Start of Analysis	25/05/2023	Exp. Date	NS
End of Analysis	30/05/2023	Sample Condition	OK
Report Release Date	31/05/2023	Sample Qty. (Appx.)	2 ltr
Sample Site	5 th Floor Cancer	Ref. No.	673 Dated 24/05/2023
Sample Collected From	M/S MGUMST, RIICO INSTITUTIONAL AREA, SITAPURA, TONK ROAD, JAIPUR (RAJ.)		
Test Report Issued to	M/S MGUMST, RIICO INSTITUTIONAL AREA, SITAPURA, TONK ROAD, JAIPUR (RAJ.)		
Environment Condition	Temp (°C) : As per Standard, Relative Humidity (%) : As per Standard		

TEST RESULT

Description : Clear Colourless Liquid

A :- ORGANOLEPTIC & PHYSICAL PARAMETERS

Page 1 of 1

Characteristics	Found	Method of Tests
pH	7.02	IS 3025 (Part-11):1983.RA 2017
Total Dissolved Solids (T.D.S.)	12.0mg/ltr	IS 3025 (Part-16):1984.RA 2017

B :- GENERAL & TOXIC SUBSTANCES PARAMETERS

Characteristics	Found	Method of Test
Aluminum (as Al)	BLQ (DL 0.01)	IS 3025 (Part 55):2003.RA 2014
Antimony (as Sb)	BLQ (DL 0.01)	By spectro
Arsenic (as As)	BLQ (DL 0.001)	IS 3025 (Part 37):1988.RA 2014
Barium (as Ba)	BLQ (DL 0.01)	Annex For IS 13426:2005.RA 2014
Beryllium (as Be)	BLQ (DL 0.01)	By spectro
Calcium (as Ca)	BLQ (DL 0.01)	IS 3025 (Part 40):1991.RA 2014



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TESTING OF WATER | FOODS | ALCOHOLIC DRINKS | DRUGS | HERBALS | COSMETICS | CHEMICALS | MINERALS | BUILDING MATERIAL



TEST REPORT

ULR No. : TC518723000006281F

Sample Description	DRINKING WATER		
Report No.	JLWT230525009	Batch No.	NA
Received Date	28/05/2023	Mfg. Date	NA
Started of Analysis	28/05/2023	Exp. Date	NA
End of Analysis	30/05/2023	Sample Condition	Sealed
Report Release Date	31/05/2023	Sample Qty. (Appx.)	2Ltr
Sample Submitted By	MGUMST RIICO Industrial Area, Sitapura, Tonk Road Jaipur		
Test Report Issued to	MGUMST RIICO Industrial Area, Sitapura, Tonk Road Jaipur Rajasthan		
Sample Collected By	Lab Executive Mr. Kamlesh Sharma On Dt. 24-05-2023		
Environment Condition	Room Temperature (°C): As per Standard, Relative Humidity (%) as per Standard		

TEST RESULTS

Reference : As per IS 10500-2012 (Second Revision)

Description : Colourless Liquid.

Sl. No.	Test Parameters	Unit	Test Results	Requirement Acceptable Limit (Max)	Limits in Absence of alternate Source (Max)	Test Method
10	Total Alkalinity(as CaCO ₃)	mg/ltr	33.83	Max 200	Max 600	IS 3025(Part 23):1986
11	Total Arsenic (as As)	mg/ltr	BLQ(DL 0.001)	Max 0.01	No Relaxation	IS 3025 (Part 65):2022
12	Lead (as Pb)	mg/ltr	BLQ(DL 0.001)	Max 0.01	No Relaxation	IS 3025(Part 65):2022

MICROBIOLOGICAL EXAMINATION

1	Total Coliform Count	per 100 ml	Absent	Absent	Absent	IS 15165 : 2016
2	Escherichia coli	per 100 ml	Absent	Absent	Absent	IS 15185 : 2016

The above sample conforms to As per IS 10500-2012 (Second Revision) with respect to the above tests only.

BLQ - Below Limit of Quantification, DL- Detection Limit

END OF REPORT

Review by
Vinit Maheshwari
Technical Manager- Microbiology

Authorised Signatory
Manoj Yadav
Technical Manager- Chemical

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4. Sample will be destroyed after one month (in case of nonperishable items only) the date of issue of test certificate unless otherwise specified.
5. Report refer to the Sample Submitted to us and not drawn by Jagdamba Laboratories unless mentioned otherwise.



TC-5187

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TESTING OF WATER | FOODS | ALCOHOLIC DRINKS | DRUGS | HERBALS | COSMETICS | CHEMICALS | MINERALS | BUILDING MATERIAL | PETROLEUM



TEST REPORT

ULR No. : TC518723000006281F

Sample Description	DRINKING WATER		
Report No.	JLWT230525009	Batch No.	NA
Received Date	25/05/2023	Mfg. Date	NA
Started of Analysis	25/05/2023	Exp. Date	NA
End of Analysis	30/05/2023	Sample Condition	Sealed
Report Release Date	31/05/2023	Sample Qty. (Appx.)	2Ltr.
Sample Submitted By	MGUMST RIICO Industrial Area, Sitapura, Tonk Road Jaipur		
Test Report Issued to	MGUMST RIICO Industrial Area, Sitapura, Tonk Road Jaipur Rajasthan		
Sample Collected By	Lab Executive Mr. Kamlesh Sharma On Dt. 24-05-2023		
Environment Condition	Room Temperature (°C): As per Standard. Relative Humidity (%) as per Standard.		

TEST RESULTS

Reference : As per IS 10500-2012 (Second Revision)

Description : Colourless Liquid.

Sl. No.	Test Parameters	Unit	Test Results	Requirement Acceptable Limit (Max)	Limits in Absence of alternate Source (Max)	Test Method
A : ORGANOLEPTIC & PHYSICAL PARAMETERS						
1	Color	Hazen Unit	<1	Max 5	Max 15	IS 3025 (Part-4):2021
2	Turbidity	N.T.U	Nil	Max 1	Max 5	IS 3025 (Part-10):1984
3	pH	-	7.25	6.5-8.5	No Relaxation	IS 3025 (Part-11):2022
4	Total Dissolved Solids(T.D.S.)	mg/ltr	120	Max 500	Max 2000	IS 3025 (Part-16):2023
B. GENERAL & TOXIC SUBSTANCE PARAMETERS						
1	Iron(as Fe)	mg/ltr	<0.075	Max 1.0	No Relaxation	IS 3025(Part- 53):2003
2	Chloride(as Cl)	mg/ltr	30.03	Max 250	Max 1000	IS 3025(Part 32):1988
3	Total Hardness (as CaCO ₃)	mg/ltr	20.16	Max 200	Max 600	IS 3025(Part 21):2009
4	Calcium(as Ca)	mg/ltr	4.83	Max 75	Max 200	IS 3025(Part 40):1991
5	Magnesium (as Mg)	mg/ltr	1.96	Max 30	Max 100	IS 3025(Part 46):1994
6	Copper (as Cu)	mg/ltr	BLQ(DL 0.001)	Max 0.05	Max 1.5	IS 3025(Part 65):2022
7	Sulphate(as SO ₄)	mg/ltr	12.35	Max 200	Max 400	IS 3025 (Part 24):2022
8	Fluoride (as F)	mg/ltr	<0.075	Max 1.0	Max 1.5	IS 3025 (Part 60):2008
9	Nitrate (as NO ₃)	mg/ltr	3.0	Max 45	No Relaxation	IS 3025(Part 34):2021

5/10/23
Reviewed by
Gajananand Kumawat
Sr. Analyst

Manoj Yadav
Authorized Signatory
Manoj Yadav
Technical Manager-Chemical

Page No. 1 of 2

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TESTING OF WATER | FOODS | ALCOHOLIC DRINKS | DRUGS | HERBALS | COSMETICS | CHEMICALS | MINERALS | BUILDING MATERIALS



TEST REPORT

ULR No. : TC518723000006282F

Sample Description	BOREWELL WATER		
Report No.	JLWT230525010	Batch No.	NA
Received Date	25/05/2023	Mfg. Date	NA
Started of Analysis	26/05/2023	Exp. Date	NA
End of Analysis	30/05/2023	Sample Condition	Sealed
Report Release Date	31/05/2023	Sample Qty. (Appx.)	2Ltr.
Sample Submitted By	MGUMST RICO Industrial Area, Sitapura, Tonk Road Jaipur		
Test Report Issued to	MGUMST RICO Industrial Area, Sitapura, Tonk Road Jaipur Rajasthan		
Sample Collected By	Lab Executive Mr. Kamlesh Sharma On Dt. 24-05-2023		
Environment Condition	Room Temperature (°C) As per Standard, Relative Humidity (%) as per Standard		

TEST RESULTS

Reference : As per IS 10500-2012 (Second Revision)

Description : Colourless Liquid.

Sl. No.	Test Parameters	Unit	Test Results	Requirement Acceptable Limit (Max)	Limits in Absence of alternate Source (Max)	Test Method
10	Total Alkalinity(as CaCO ₃)	mg/ltr	885.55	Max 200	Max 600	IS 3025(Part 23).1986
11	Total Arsenic (as As)	mg/ltr	BLQ(DL 0.001)	Max 0.01	No Relaxation	IS 3025 (Part 66).2022
12	Lead (as Pb)	mg/ltr	BLQ(DL 0.001)	Max 0.01	No Relaxation	IS 3025(Part 65).2022

MICROBIOLOGICAL EXAMINATION

1	Total Coliform Count	per 100 ml	Absent	Absent	Absent	IS 15185 : 2016
2	Escherichia coli	per 100 ml	Absent	Absent	Absent	IS 15185 : 2016

The above sample not confirms to As per IS 10500-2012 (Second Revision) with respect to the above tests only.

BLQ - Below Limit of Quantification, DL- Detection Limit

END OF REPORT

Review by
Vinit Maheshwari
Technical Manager-Microbiology

Authorized Signatory
Manoj Yadav
Technical Manager-Chemical

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TC-5187

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TESTING OF WATER | FOODS | ALCOHOLIC DRINKS | DRUGS | HERBALS | COSMETICS | CHEMICALS | MINERALS | BUILDING MATERIAL | FUELS



TEST REPORT

ULR No. : TC518723000006282F

Sample Description	BOREWELL WATER		
Report No.	JLWT230525010	Batch No.	NA
Received Date	25/05/2023	Mfg. Date	NA
Started of Analysis	25/05/2023	Exp. Date	NA
End of Analysis	30/05/2023	Sample Condition	Sealed
Report Release Date	31/05/2023	Sample Qty. (Appx.)	2Ltr.
Sample Submitted By	MGUMST RIICO Industrial Area, Sitapura, Tonk Road Jaipur		
Test Report Issued to	MGUMST RIICO Industrial Area, Sitapura, Tonk Road Jaipur Rajasthan		
Sample Collected By	Lab Executive Mr. Kamlesh Sharma On Dt. 24-05-2023		
Environment Condition	Room Temperature (°C): As per Standard, Relative Humidity (%) as per Standard		

TEST RESULTS

Reference : As per IS 10500-2012 (Second Revision)

Description : Colourless Liquid.

Sl. No.	Test Parameters	Unit	Test Results	Requirement Acceptable Limit (Max)	Limits in Absence of alternate Source (Max)	Test Method
A : ORGANOLEPTIC & PHYSICAL PARAMETERS						
1	Color	Hazen Unit	<1	Max 5	Max 15	IS 3025 (Part-4):2021
2	Turbidity	N.T.U	Nil	Max 1	Max 5	IS 3025 (Part-10):1984
3	pH	-	7.74	6.5-8.5	No Relaxation	IS 3025 (Part-11):2022
4	Total Dissolved Solids(T.D.S.)	mg/ltr	2110	Max 500	Max 2000	IS 3025 (Part-15):2023
B. GENERAL & TOXIC SUBSTANCE PARAMETERS						
1	Iron(as Fe)	mg/ltr	0.42	Max 1.0	No Relaxation	IS 3025(Part- 53): 2003
2	Chloride(as Cl)	mg/ltr	530.59	Max 250	Max 1000	IS 3025(Part 32):1988
3	Total Hardness (as CaCO ₃)	mg/ltr	197.54	Max 200	Max 600	IS 3025(Part 21):2009
4	Calcium(as Ca)	mg/ltr	48.29	Max 75	Max 200	IS 3025(Part 40):1991
5	Magnesium (as Mg)	mg/ltr	18.58	Max 30	Max 100	IS 3025(Part 46):1994
6	Copper (as Cu)	mg/ltr	BLQ(DL 0.001)	Max 0.05	Max 1.5	IS 3025(Part 60):2022
7	Sulphate(as SO ₄)	mg/ltr	212.33	Max 200	Max 400	IS 3025 (Part 24):2022
8	Fluoride (as F)	mg/ltr	1.80	Max 1.0	Max 1.5	IS 3025 (Part 60):2008
9	Nitrate (as NO ₃)	mg/ltr	90.0	Max 45	No Relaxation	IS 3025(Part 34):2021

1105123
 Analyzed by
 Ganand Kumawat
 Sr. Analyst

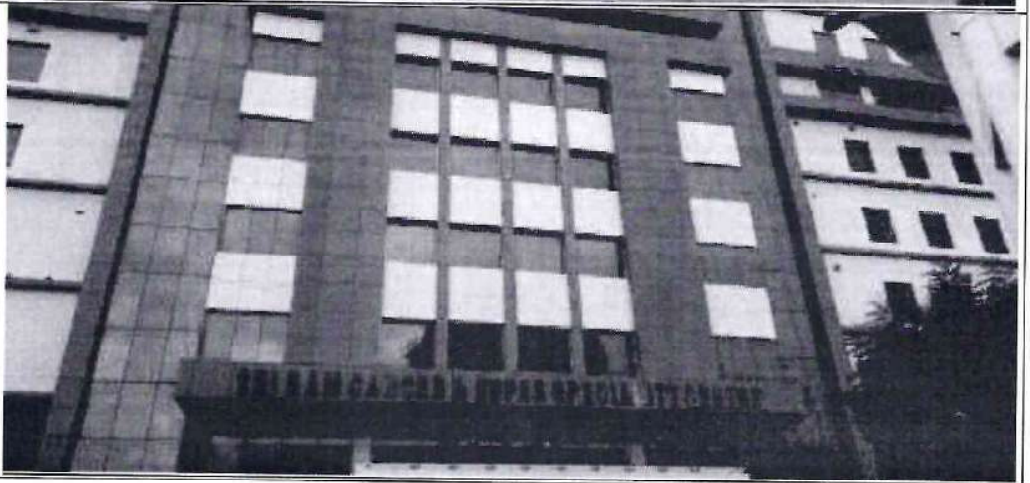
1105123
 Authorized Signatory
 Manoj Yadav
 Technical Manager-Chemical

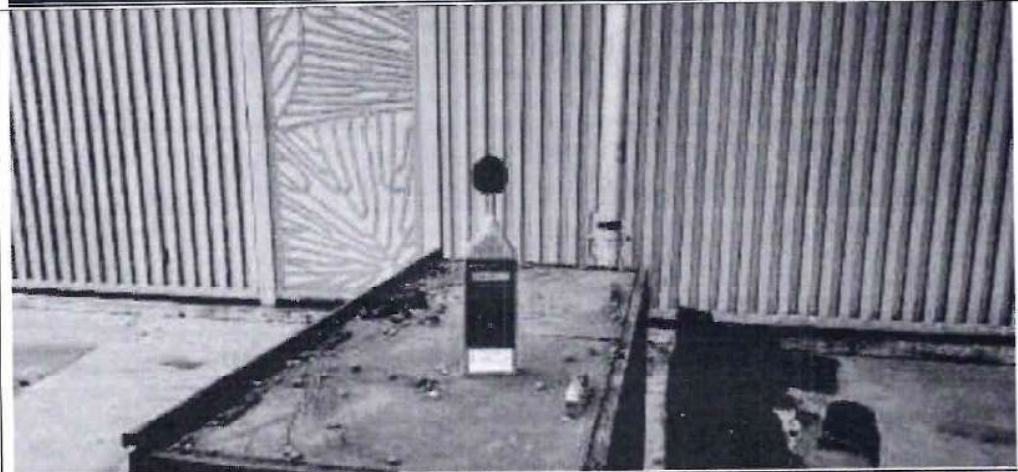
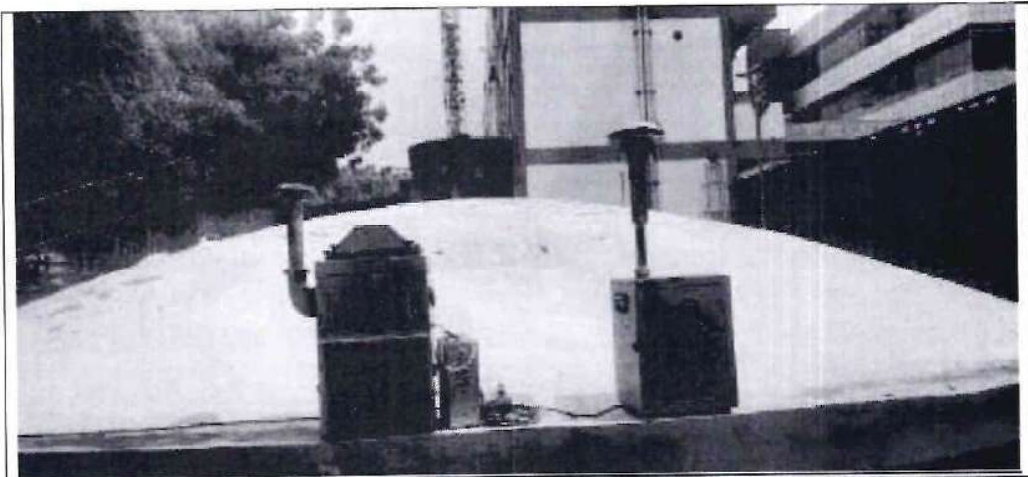
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- Total liability of this Laboratory is limited to the invoice amount.
- Test results listed refer only to the above sample and applicable parameter's Endorsement of products is neither inferred nor implied.
- Sample will be destroyed after one month (In case of nonperishable items only) the date of issue of test certificate unless otherwise specified.
- Report refers to the Sample Submitted to us and not drawn by Jagdamba Laboratories unless mentioned otherwise.

Page No. 1 of 2

Site Photographs







Project : Environment Audit for Mahatma Gandhi University of Medical Sciences & Technology

Promoter : Mahatma Gandhi Medical College & Hospital

ANNEXURE V

PUC Certificates of Vehicles

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19) (20) (21) (22) (23) (24) (25) (26) (27) (28) (29) (30) (31) (32) (33) (34) (35) (36) (37) (38) (39) (40) (41) (42) (43) (44) (45) (46) (47) (48) (49) (50) (51) (52) (53) (54) (55) (56) (57) (58) (59) (60) (61) (62) (63) (64) (65) (66) (67) (68) (69) (70) (71) (72) (73) (74) (75) (76) (77) (78) (79) (80) (81) (82) (83) (84) (85) (86) (87) (88) (89) (90) (91) (92) (93) (94) (95) (96) (97) (98) (99) (100)

Annex II

This Document is Digitally Signed

Signer: MILAP CHAND
 Date: Thu, Feb 09, 2023 15:30:52 IST
 Location: NOIDA
 Reason: Signing for OICL

Attached to and forming part of policy number 241107/31/2023/5961

SCHEDULE OF PREMIUM

A. OWN DAMAGE		B. LIABILITY	
BASIC OD COVER	12,399.00	BASIC TP COVER	3,416.00
MOTOR OD BASIC - NEW	12,399.00	BASIC TP TOTAL	3,416.00
ADD :ENGINE PROTECT COVER	1,369.00	ADD :PA FOR OWNER DRIVER-GR36A	320.00
LESS :CC IS 1500CC OR LESS AND IDV RS.10LACKHS OR LESS	103.00	ADD :LL-PAID DRIVER, CONDUCTOR,CLEANER-IMT-26	50.00
BASIC OD TOTAL	3,126.00	TP TOTAL	3,766.00
ADD :ADD-ON COVER NIL DEPRECIATION POLICY	5,513.00	TOTAL PREMIUM	10,558.00
ADD :Add on cover Key Replacement	250.00	STAMP DUTY	0.50
ADD :ADD-ON COVER ALTERNATIVE CAR BENEFIT	550.00	ADD :SGST	950.00
ADD :ADD-ON COVER PERSONAL EFFECTS	650.00	ADD :CGST	950.00
LESS :SIP DISCOUNT	10,639.00	TOTAL AMOUNT	12,468.00
LESS :Motor Add on Cover Discount(Nil,Depreciation)	1,103.00		
OD TOTAL	8,986.00		
LESS :NO CLAIM BONUS-GR27	2,214.50		
MOTOR TOTAL OD	6,772.00		

* NCB discount - 50 %

Personal Effects SI	ACB No. of Days	Payable Benefit
10000	15 DAYS	Rs.400/- Per Day

Deductibles under Section-I : Compulsory Deductible 1000

Subject to IMT Endorsement Printed herein/attached to : OIC-1:Nil Depreciation Cover , OIC-3:Personal Effects Cover , IMT-22 , IMT-28
 , OIC-2: Alternative Car Benefit Cover , IMT-6

Details of IMT Endorsements are also available on the Company's Web Portal www.orientalinsurance.org.in

Hypothecation Agreement with: PNB BANK

Hire Purchase/Lessor Agreement with: -

In the event of a claim under the policy exceeding Rs.1lac or a claim for refund of premium exceeding Rs1lac,the insured will comply with the provisions of the AML policy of the Company.The AML policy is available in all our operating Offices as well as company's website.
 The insurance under this policy is subject to conditions, clauses, warranties, exclusions, IMTs and OIC endorsements mentioned herein above which are available on Company's website: www.orientalinsurance.org.in or on demand from the policy issuing office.

Warranted that in case of dishonour of premium cheque(s) the Company shall not be liable under the policy and the policy shall be void abinitio (from inception).

Claim is not admissible if Driving License is found fake or is not valid whether or not in the knowledge of the insured.

I/We hereby certify that the policy to which the certificate relates as well as this certificate of insurance are issued in accordance with the provision of Chapter X and Chapter XI of Motor Vehicles Act, 1988.

In witness whereof the undersigned being authorised by and on behalf of the company has/have herein to set his/their hands at CBO 5 JAIPUR (GSTIN: 08AAACT0627R3ZX) on 20-JAN-23

IMPORTANT NOTICE

The insured is not indemnified if the vehicle is used or driven otherwise than in accordance with this Schedule. Any payment made by the Company by reason of wider terms appearing in the Certificate in order to comply with the MVAct, 1988 is recoverable from the Insured. See the Clause headed "AVOIDANCE OF CERTAIN TERMS AND RIGHTS OF RECOVERY".

Place : JAIPUR

Date : 20/01/2023



INDIA-REGNO-556

Signer: MILAP CHAND
 Date: Thu, Feb 9, 2023 3:36:52 IST
 Location: NO. 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100
 Reason: Signing for CiCL

MOTOR INSURANCE CERTIFICATE CUM POLICY SCHEDULE PRIVATE CAR PACKAGE POLICY - ZONE B

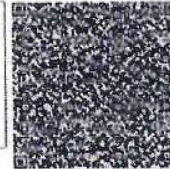
Road Side Assistance included in this policy - Toll free No.18003091209
 *Conditions Apply

Policy No : 241107/31/2023/5961 Prev Policy No : 241107/31/2022/4602
 Cover Note No : - Cover Note Dt :
 Insured's Code : 126821339 Issue Office Code : 241107
 Insured's Name : M/S.MAHATMA GANDHI UNIVERSITY OF MEDICAL SCIENCE&TECH. (GSTIN: 0) Issue Office Name : CBO 5 JAIPUR (GSTIN: 08AAACT0627R3ZX)
 Address : 19-20, RIICO INSTITUTIONAL AREA SITAPURA,JAIPUR Address : 2nd Floor, SP-1, Apex circle Malviya Nagar, Jaipur
 JAIPUR RAJASTHAN 302001 JAIPUR RAJASTHAN 302002
 Tel /Fax /Email : / / / NA Tel /Fax /Email : 0141-2758050 / 0141-2758050 / verma.kapil@orientalinsurance.co.in

Lead/Breakin No : /

Agent/Broker Details

Dev.Off.Code : NA0000006349 K.P.MEENA
 Agent/Broker : BA0000081792 KESHAV AWASTHI,(M)9414920601
 Address : 23, SHIV GAURAX NAGAR, MALVIYA NAGAR, JAIPUR,JAIPUR,RAJASTHAN,302017
 Tel /Fax /Email : 9414051324/NA



Period of Insurance : FROM 00:00 ON 18/02/2023 TO MIDNIGHT OF 17/02/2024
 Collection No & Dt : DC_I_IND 2154008736 - 16/02/2023 GST INVOICE NO :0821693605 UIN :0
 Gross Premium : 10,558 GST : 1,900 Stamp Duty : .5 Total : 12,458
 Geographical Area : INDIA Area Extension :

Particulars of Insured Vehicle:

Registration Mark & Place	Engine No. & Chassis No.	Make - Model	Type Of Body Type Of Fuel	Cubic Capacity	Year Of Manf. (including Driver)	Seating Capacity
RJ 14 ZC 3873 Jaipur	D13A3239597 MA3CZF038JB2733 39	MARUTI-MARUTI SWIFT DZIRE VDI BS IV	HATCHBACK DIESEL	1248	2018	4 + 1

Limitations as to use:

- The Policy covers use of the vehicle for any purpose other than a) Hire or Reward b) Carriage of goods (other than samples or personal luggage) c) Organized racing d) Pace making e) Speed testing f) Reliability Trials g) Use in connection with Motor Trade

Driver: Any person including the insured, Provided that a person driving holds an effective driving license at the time of the accident and is not disqualified from holding or obtaining such a license. Provided also that the person holding an effective Learner's license may also drive the vehicle and that such a person satisfies the requirements of Rule 3 of the Central Motor Vehicles Rules, 1989.

Limit of Liability: Under Section II-I(1) in respect of any one accident: as per Motor Vehicles Act, 1988.

Under Section II-I(II) in respect of any one claim or series of claims arising out of one event is Rs. 750000

P.A. Cover under Section III for Registered Owner Cum Driver (CSI) : Rs. 1500000

*This insurance excludes all pre-existing damages

Insured's Declared Value

For the Vehicle	For Trailers	Non Electrical Accessories	Electrical Accessories	Value of CNG LPG Kit	Total Value
3,70,000	0			0	3,70,000

Place : JAIPUR
 Date : 20/01/2023





प्रदूषण नियंत्रण प्रमाण पत्र POLLUTION UNDER CONTROL CERTIFICATE

[Approved by Department of Transport, Government of Rajasthan, Jaipur]

परिवहन विभाग राजस्थान सरकार से मान्यता प्राप्त

(Rule 116 of CMV Rules 1989)

15133312

Pucc No :	D649RJ14102525
Vehicle No :	RJ14ZC3873
Customer Name :	M.G.U.M.ST
Customer Mobile :	9001890284
Year of Regn :	19-02-2018
Type of Vehicle :	CAR
Make :	Maruti Udyog
Model :	SWIFT D'ZIRE
Test Date :	19-08-2022
Time :	01:07:47 PM
Valid UpTo :	18-08-2023
Center Name :	Sampat Ram Mobile Van Center, (RJ14-GF-2607)
Center Address :	Jaipur
Licence No :	RJ14-648/649
Test Result :	Pass

VALID IN ALL INDIA

Photo of Vehicle



Flushing Cycle				
Avg	RPM Min	RPM Max	Temp	
770	2220	32		

Sr. No.	RPM Min	RPM Max	Km	HSU%	Temp
1	960	2220	0.96	33.8	32
2	750	2210	0.96	33.7	32
3	920	2220	0.96	33.7	32
Mean			0.96	33.7	

Get Certificate renewed within the expiry date.

Prescribed Limit for Diesel vehicle	1/m(Light Absorption Co-efficient)	Hartridge Units (HSU)%
Free Acceleration BS II & III	2.45	65
Free Acceleration BS IV	1.62	50
Free Acceleration BS VI 4/3 wheelers	0.7 / 1.5	26 / 48

Validity Six Months for Bharat Stage III or below and one year for Bharat Stage IV / VI vehicles.

Certificate price: ₹ 100

SAMPAT RAM MOBILE VAN

Seal of Testing Station	Testing Station Code	Authorized Signatory
Mob. 9414531970	D649RJ14	

CERTIFICATE IS ONLY VALID IF SMS RECEIVED FROM REGISTRATION DEPT. KINDLY DESTROY THE INVALID CERTIFICATE.

Transport Dept. Govt. of Rajasthan

Transport Dept. Govt. of Rajasthan



Veh Reg No : RJ14ZC3873
PUC No. : D649RJ14102525



Veh Reg No : RJ14ZC3873
PUC No. : D649RJ14102525

Government of Rajasthan
Certificate of Registration

Reg. No. **RJ14ZC3873** Date of Iss. **19/02/2018** Reg. Validity **18/02/2033**

Chassis No. **MA3CZF03SJB273359** Owner Sr. No. **01** **NEW**

Engine No. **D13A-3239507**

Owner Name **M/S. MAHATMA GANDHI UNI. MED. SCI & TEC**

Son/Daughter/Wife of **NA**

Address **SITAPURA INDUSTRIAL AREA RIICO SANG ANER Jaipur RJ 302022**

Fuel Used **DIESEL**

RJ NT **N334#2571M**

Reg. No. **RJ14ZC3873** Month & Yr. of Mfg. **02/2018**

Wheel Base **082450** Cubic Capacity **001248**

No. of Cylinders **04** Unladen Weight (kg) **000975**

Vehicle Class **Motor Car** Maker's Name **MARUTI SUZUKI INDIA LTD**

Model Name **MARUTI DZIRE VDI** Colour **PEARL ARCTIC WHITE**

Body Type **RIGID (PASSENGER CAR)** Seating Capacity **005**

Tax Paid Date **02/03/2000**

Registration Authority **DEALER CODE RJ14 D 0034 JAIPUR**



UNITED INDIA INSURANCE COMPANY LIMITED

4, TEACHERS COLONY, BABA MARKET MAIN AJMER ROAD, DCM, JAIPUR (RAJ) PIN.302024
JAIPUR - 302024 RAJASTHAN

PH: (141) 2353646 FAX: (141) 2359415 EMAIL:

**PCV 4 WHEELER EXCEEDING 6 OR 3 WHEELER EXCEEDING 17
PACKAGE POLICY**

UIN. IRDAN545RP0048V01199900

POLICY NO.:1413043122P112262356

VEHICLE NO.:NEW

PERIOD OF INSURANCE
From 00:00 Hrs of 22/02/2023
To Midnight of 21/02/2024

RJ14 FA 0673
New Force Insure.

Insured

MR MAHATMA GANDHI UNIVERSITY OF MEDICAL SCIENCES & TECHNOLOGY

19,20 RIICO INSTITUTIONAL AREA SITAPURA JAIPUR.

302022

JAIPUR

RAJASTHAN

CONTACT NUMBER: 9001890284 (M)

IMPORTANT NOTICE: KINDLY UPDATE YOUR AADHAAR NO. AND PAN/FORM 60. PLEASE IGNORE IF ALREADY UPDATED.

Agent Name	: PRAVEEN KUMAR
Agent Code	: AGN0009833
Mobile/Landline Number/Email	: 9001114455 bl.verma009@gmail.com

The genuineness of the policy can be verified through "Verify Your Policy" link at www.uic.co.in.

For any Information, Service Requests, Claim intimation and Grievances please write to 141304@uic.co.in

Download Customer App(www.uic.co.in). REGD. & HEAD OFFICE, 24, WHITES ROAD, CHENNAI - 600014.

Website: <http://www.uic.co.in>

Printed By : CUSTOMER @ 22/02/2023 3:24:51 PM



PCV 4 WHEELER EXCEEDING 6 OR 3 WHEELER EXCEEDING 17 - PACKAGE POLICY
UIN: IRDAN545RP0048V01199900
SCHEDULE

Policy No.	1413043122P112262356	Previous Policy No.	23203307321
Insured Details	Customer Id	MR MAHATMA GANDHI UNIVERSITY OF MEDICAL SCIENCES & TECHNOLOGY	
	Name	Tel (R)	Fax:
	Tel (O):	Mobile: 9001890284	
	Email:	Others	
	Business / Occupation	To Midnight of 21/02/2024	
Period of Insurance	From	00:00 Hrs of 22/02/2023	To
Co-Insurance	Type		

Particulars of Vehicle Insured		Registration No.	Obsolete Vehicle	Engine No.	Chassis No.	Make/Model	Year of Mfg
Vehicle	Trailer (If any)					FORCE MOTORS LTD. / TRAX CRUISER 13 SEATERS	2023
NEW			No	D72010283	MC1D4DBA2PF099789		
Type of Body			HP/Cubic Capacity	Carrying Capacity	Public/Private		
JEEP			2596	13	Public		

Insured's Declared Value		Non Electrical Accessories	Electrical/Electronic Accessories	CNG Unit	LPG Unit	Total Value
For Vehicle	For Trailer					
1344250	0	0	0	0	0	1344250
Registration Authority		Auto Association Membership No.	Geographical Area	Extension		
RJ14 JAIPUR			INDIA			

Amount in words: Thirty-eight thousand seven hundred four rupees only

Persons or classes of persons entitled to drive

Driver's Clause: Persons or classes of persons entitled to drive:- Any person including Insured provided that the person driving holds an effective and valid driving licence to drive the category of vehicle insured hereunder, at the time of the accident and is not disqualified from holding or obtaining such a licence. Provided also that a person holding an effective and valid Learner's licence to drive the category of the vehicle insured hereunder may also drive the vehicle when not used for transport of passengers at the time of accident and that the person satisfies the requirements of Rule 3 of Central Motor Vehicle Rule, 1989.

Limitations as to use

The policy covers use only under a permit within the meaning of Motor Vehicles Act, 1988 or such a carriage falling under Subsection 3 of Section 66 of the Motor Vehicles Act, 1988.

The policy does not cover use for:

- Organized Racing
- Pace Making
- Reliability Trials
- Speed Testing
- Use whilst drawing a trailer except the towing (other than for reward) of any one disabled mechanically propelled vehicle

Limits of Liability

Under Section II-I (i) Death or bodily injury in respect of any one accident; As per Motor Vehicles Act 1988

Under Section II-I (ii) Damage to third party property in respect of any one claim or series of claims arising out of one event: 750000

Premium:	32,800.00
CGST(9%):	2,952.00
SGST(9%):	2,952.00
Stamp Duty:	1.00
Total(Rounded Off):	38,704.00
Receipt Number:	10114130422114139484
Receipt Date:	22/02/2023
Debit/Note Number:	
Document Date:	

Agency/Broker Code: AGN0009833
PRAVEEN KUMAR
Direct Business:
BDIS Code: BD29632
JITENDRA KUMAR

This policy is subject to terms and conditions and IMT Endorsement Nos. printed herein / attached hereto 21,23,28,38

Imposed Excess	0
Voluntary Excess	0
Compulsory Excess	500

SCHEDULE OF PREMIUM (IN ₹)			
OWN DAMAGE		LIABILITY	
Basic premium on Vehicle and Accessories		B. Basic - TP	₹ 14,343.00
A. Basic - OD	₹ 4,565.17	Total	₹ 14,343.00
Total	₹ 4,565.17	Add :	
Add :		LL to Paid Driver IMT 28	₹ 50.00
Cover for lamps, tyres, tubes etc	₹ 684.78	Legal Liability to Passenger	₹ 10,524.00
Nil Depreciation Without Excess	₹ 2,282.59	Sub Total (Additions)	₹ 10,574.00
Road Side Assistance	₹ 200.00	Gross TP(B)	₹ 24,917.00
Sub Total (Additions)	₹ 3,167.37	Gross OD & TP: (A) + (B)	₹ 32,800.00
Additional Towing Charge (SI: 3000/-)	₹ 150.00		
Sub Total (Additions)	₹ 150.00		
Gross OD(A)	₹ 7,883.00		

WARRANTED THAT IN CASE OF DISHONOUR OF PREMIUM CHEQUE, THIS DOCUMENT STANDS AUTOMATICALLY CANCELLED "AB-INITIO".

IMPORTANT NOTICE

THE INSURED IS NOT INDEMNIFIED IF THE VEHICLE IS USED OR DRIVEN OTHERWISE THAN IN ACCORDANCE WITH THIS SCHEDULE. ANY PAYMENT MADE BY THE COMPANY BY REASON OF WIDER TERMS APPEARING IN THE CERTIFICATE IN ORDER TO COMPLY WITH THE MOTOR VEHICLES ACT, 1988 IS RECOVERABLE FROM THE INSURED. SEE THE CLAUSE HEADED "AVOIDANCE OF CERTAIN TERMS AND RIGHT OF RECOVERY". FOR LEGAL INTERPRETATION, ENGLISH VERSION WILL HOLD GOOD.

Customer GST/UIN No.:		Office GST No.:	08AAACU5552C1ZJ
SAC Code:	997134	Invoice No. & Date:	31221112262356 & 22/02/2023
Amount Subject to Reverse Charges-NIL			

We hereby declare that though our aggregate turnover in any preceding financial year from 2017-18 onwards is more than the aggregate turnover notified under sub-rule (4) of rule 48, we are not required to prepare an invoice in terms of the provisions of the said sub-rule.
Note:-With reference to IRDAI circular no IRDAI/NL/CIR/MOTP/170/10/2018 dated 09/10/2018 and as per the declaration given in the proposal form by owner driver Compulsory Personal Accident (CPA) cover is removed, since he/she is not holding a valid driving license.

Anti Money Laundering Clause:- In the event of a claim under the policy exceeding ₹ 1 lakh or a claim for refund of premium exceeding ₹ 1 lakh, the insured will comply with the provisions of AML policy of the company. The AML policy is available in all our operating offices as well as Company's web site.

LET US JOIN THE FIGHT AGAINST CORRUPTION. PLEASE TAKE THE PLEDGE AT <https://pledge.cvc.nic.in>.

For Roadside Assistance please contact- Europ Assistance India Private Limited, 7th Floor, Building No. 2, Star Hub, Near ITC Maratha Hotel, Sahar, Andheri East, Mumbai Suburban, Maharashtra, Contact No.- 18002102051

Date of Proposal and Declaration: 22/02/2023

IN WITNESS WHEREOF, this policy has been signed at BO BHANKHROTA 141304 on this 22nd day of February 2023

For and On behalf of
United India Insurance Co. Ltd.

Affix Policy
Stamp here.

Duly Constituted Attorney:
Underwritten By - JIT29632 (BO UNDERWRITER) , Approved By -
NEE28277(RO UNDERWRITER)

MV REG 1702 E/C
JALAN Customer Copy

https://vahan.parivahan.gov.in/PrintDetails.aspx?DetailsId=03&MAH-2023-17-0342 Form P-30

STATE TRANSPORT DEPARTMENT

State Transport Department
JAIPUR (FIRST) RTO, Rajasthan

RECEIPT/APPL No: RJ14D23030002169/RJ23022800782162

Vehicle Class: Private Service Vehicle

Received From: MAHATMA GANDHI UNI. OF M.S. & TECH.

Receipt Date: 03-Mar-2023

Vehicle No: RJ14FA0673

Chassis No: MC1D4DBA2PP099789

Sale Amount: 1508000/-

ONLINE-PAYMENT



Particular	Amount	Surcharge	Penalty	Total
New Registration	600		0	600
Green Tax	1500		0	1500
Smart Card Fee	200		0	200
MV Tax(22-Feb-2023 to Ode Time)	180960	22620	0	203580

GRAND TOTAL (in Rs): 205880/- (TWO LAKH FIVE THOUSAND EIGHT HUNDRED AND EIGHTY ONLY)

Note-- This is computer generated slip, no need of signature (https://parivahan.gov.in)

ONLINE PAYMENT

STATE TRANSPORT DEPARTMENT

State Transport Department
JAIPUR (FIRST) RTO, RAJASTHAN



TEMPORARY CERTIFICATE OF REGISTRATION

Temporary Registration Mark

T0223RJ7995B

Application No

RJ23022269337159

Owner Name

MAHATMA GANDHI UNI.OF M.S & TECH.

Son/wife/daughter of

NA

Address

19-20, RIICO INSTITUTIONAL AREA, SITAPURA, JAIPUR-
RAJASTHAN-302022

Description of Vehicle

Class of Vehicle

MAXI CAB

Maker's Name

FORCE MOTORS LIMITED, A FIRODIA ENTERPRISE

Maker's Model Name

TRAX CRUISER

Type of Body

BODY ON LADDER CHASSIS HARDTOP

Seating Capacity

13

Colour

SNOW WHITE

Engine Number

D72010283

Chassis Number

MC1D4DBA2PP099789

Place where Vehicle shall be Permanently Registered

JAIPUR (FIRST) RTO Rajasthan (office Code - RJ14)

Sale Amount

Rs 1507764/-

Dealer's Name and Address:

PRATAP AUTOMOBILES, F78-B ROAD NO.6, VKI AREA
SIKAR ROAD, ...

Under the provisions of section 43 of the Motor Vehicles Act 1988, the vehicle described above has been Temporarily
Registered on 22-Feb-2023 and the Temporary Registration is valid from 22-Feb-2023 to 21-Aug-2023

Fee Paid Details:

Fees Rs 500/- VIDE CH No RJ14D23020014239 Dated 22-Feb-2023

Tax Paid Details:

Printed on: 22-Feb-2023 15:49:59

Speciman Signature of the Owner

Signature of Registering Authority

Government of Rajasthan
Certificate of Registration

Reg. No. **RJ14FA0673** Date of Reg. **03/03/2023**

Chassis No. **MC1D4DRA2PR099789** Owner's Name **MAHATMA GANDHI INI OF M S & TECH**

Engine No. **D72010283** Son/Daughter/Wife of **NA**

Vehicle Type **DIESEL** Address **19-20, RICO INSTITUTIONAL AREA SITAPURA Jaipur RJ 302022**

Owner's Photo **(31)** NEW

Government of Rajasthan
Certificate of Registration

Reg. No. **RJ14FA0673** Date of Reg. **02/2023**

Chassis No. **MC1D4DRA2PR099789** Owner's Name **FORCE MOTORS LIMITED, A TROOP**

Engine No. **D72010283** Son/Daughter/Wife of **THAKUR GURPREET**

Vehicle Type **DIESEL** Address **SNOW WHITE**

Owner's Photo **(31)** NEW

Body Type **BODY ON LADDER CHASSIS HARDTOP**

Seating Capacity **013/00**

Color **003050**

Color Code **002598**

No. of Cylinders **04**

APRIL 10, 2023
Registration Authority
D. J. Jaiswal



**Government of Rajasthan
Certificate of Registration**

(RJ) (NT)



Fuel Used
DIESEL

Reg. No. **RJ45CG2409** Date of Reg. **27/02/2019** Reg. Validity **26/02/2034**
Chassis No. **YV1PZ68ACJ1026891** Owner's Sr. No. **(01)**

NEW

Engine No. **2201537**
Owner Name **MAHATMA GANDHI UN OF MED SCI & TECH**
Son/Daughter/Wife of **NA**
Address **19-20 RICO INDUSTRIAL AREA SITAPUR
A Jalpur RJ 302022**

(RJ) (NT)

Reg. No. **RJ45CG2409**
Month & Yr. of Mfg. **03/2018**
Wheel Base **002941**
Cubic Capacity **001968**
No. of Cylinders **04**
Gross Weight (kg) **001981**

Vehicle Class **Motor Car**
Maker's Name **Volvo India Pvt Ltd**
Model Name **VOLVO V90 CC 08**
Colour **CRYSTAL WHITE PSARL**
Body Type **HATCHBACK**
Seating Capacity **005**
Tax Paid Upto **00/00/0000**

104454382M



SHIL KUMAR SONI
Registration Authority
DTO, Jhalana



Future Generali India Insurance Co. Ltd.
PRIVATE CAR PACKAGE POLICY - CERTIFICATE CUM POLICY SCHEDULE CUM RECEIPT
(FORM 51 OF THE CENTRAL MOTOR VEHICLE RULES, 1989)

Policy No: VOL04154
Policy issued On: 15 Feb 2023 6:42PM
Insured Name: M/S MAHATMA GANDHI UNIVERSITY OF MEDICAL SCIENCES AND
Insured Add: 19-20, RICO INSTITUTIONAL AREA, SITAPURA, JAIPUR, RAJASTHAN-302022 GSTIN: 08AAAJM1810A1ZV
Nominee Name: Age 0
Serving Office of Insurer: Opp. City Center, Sansar Chandra Road, Jaipur, RAJASTHAN-302001
PAN: AAJMJ1810A
Proposal No. & Date: P20526063, 15 Feb 2023
Period of Own Damage Cover: 20 Feb 2023 12:00AM to 19 Feb 2024 11:59PM(Midnight)
Period of Liability Cover: 20 Feb 2023 12:00AM to 19 Feb 2024 11:59PM(Midnight)
Previous Policy No.: VOL02764
Previous Insurer: Future Generali India Insurance Co. Ltd.
Relation: Age 0
GSTIN: 08AABCF0191R1Z9

Make	Model	Variant	Cubic Capacity	Manufacturing Year	Seating capacity
VOLVO	V90 CC	Cross Country	1969	2018	5
Body Type	Registration No.	RTO	Hypothecation/Lease*	Fuel Type	Chassis No.
HATCHBACK	RJ 45 CG 2409	JAIPUR	Yes	DIESEL	YV1FZ68ACH1020891
Vehicle IDV	Elec. Accessories	Non-Elec. Accessories	CNG/LPG Kit	Total IDV	Engine No / Motor No
3,382,500	0	0	0	3,382,500	D4204T21 2201537

Schedule of Premium / Amount in Rs.)

Own Damage Premium (A)	Amount (Rs.)	Discounts	Amount (Rs.)
Basic Premium			
Vehicle	56,539	Voluntary Deductibles (0) (IMT-22A)	0
Non-Elec. Accessories	0	Anti Theft Device (IMT-10)	0
Elec. Accessories (IMT-24)	0	AA Membership (IMT-8)	0
CNG/LPG Kit (IMT - 25)	0	No Claim Bonus (0%)	0
Sub Total (Basic Premium)	56,539	Handicap Discount (IMT-12)	0
Add: UNIL DEP, CONSUMABLES, ENGINE PROTECT, TOR, KEY LOSS COVER, RIM AND TYRE COVER, RTI, TOWING)	52,930	Sub Total (Discounts)	0
Geographical Area Extension (IMT-1)	0		
Sub Total-Addition	109,469	Net Own Damage Premium (A)	109,469
Liability Premium (B)			
Basic Third Party Liability (including TPPD)	7,897	Third Party Liability For Bi-Fuel Kit	0
Geographical Areas Extension	0	PA Cover For Owner Driver Of Rs. 0	0
		PA For Paid Driver	100
		PA Cover (200000 Per Person) for 1 Persons	0
		Legal Liability For Paid Driver / Unnamed Person (0) (IMT - 28)	50
		Sub Total (PA Cover)	100
		Net Liability Premium (B)	8047
		Total Premium (A+B)	117,516
SGST(9.00%)	10577		
CGST(9.00%)	10577		
		Gross Premium Paid	138,670

Addn UIN: ENGINE PROTECTOR - IRDANI32F0001V01200708, RIM AND TYRE COVER - IRDANI32F0001V03201213, RTI - IRDANI32F0001V03201213, TOWING - IRDANI32F0001V04201213/A0041V0201718

Note: 1. Policy Insurance is subject to realisation of cheque

2. Consolidated stamp duty paid in state exchequer

3. The policy is subject to compulsory deductible of Rs.2000 (IMT-22)

4. Geographical Area-India

*Subject to IMT Edit, Note & Memorandum: 17.22.28.7

Limitations as to use: The policy covers use of the vehicle for any purpose other than (1) Hire or Reward (2) Carriage of goods (other than samples or personal luggage) (3) Organized racing (4) Pace making (5) Speed testing (6) Reliability trials (7) Any purpose in connection with motor trade.

Driver: The insured must be a person holding an effective driving license at the time of the accident and is not disqualified from holding or obtaining such license. Provided also that the person holding an effective learned's license may also drive the vehicle & that such a person satisfies the requirements of Rule 3 of the Central Motor Vehicles Rules, 1989.

Limits of Liability Clause: Under Section II-1(i) of the policy-Death of or bodily injury: Such amount as is necessary to meet the requirements of the Motor Vehicle Act 1988. Under Section II-1 (ii) of the policy-Damage to third party property is Rs. 7.5 lakhs PA. Cover Under Section III for Owner-Driver is Rs. 0.

Grievance Clause: For resolution of any query or grievance, Insured may contact the respective branch office of the Company or may call at 1800220233 or may write an email at care@futuregenerali.in. In case the insured is not satisfied with the response of the office, insured may contact the Nodal Grievance Officer of the Company at fggro@futuregenerali.in. In the event of unsatisfactory response from the Nodal Grievance Officer, insured may email to Head Grievance Officer at fggao@futuregenerali.in. In the event of unsatisfactory response from the Head Grievance Officer, he/she may, subject to vested jurisdiction, approach the Insurance Ombudsman for the redressal of grievance. Details of the offices of the Insurance Ombudsman are available at IRDAI website www.irda.gov.in or on company website www.futuregenerali.in or on www.gbic.co.in. The insured may also contact the following office of the Insurance Ombudsman within whose territorial jurisdiction the branch or office of the Company is located: Office of the Insurance Ombudsman, 3rd Floor, Jeevan Seva Anand, S. V. Road, Santacruz (W), Mumbai - 400 054. Tel.: 022 - 26106552 / 26106960 Fax: 022 - 26106553.

ypothecation Details: ORIENTAL BANK OF COMMERCE, JAIPUR - JAIPUR

IISP Name - SAISHA AUTO PVT LTD, MISF Code - AB-MYC000019

P Name: SATYAPRAKASH SHARMA, DP Code: AB-DPVC000004-9983

RDAl Registration No: 132

Important Notice: The insured is not indemnified, if the vehicle is used or driven otherwise than in accordance with the schedule. Any payment made by the company by reasons of wider terms appearing in the certificate in order to comply with the Motor Vehicle Act, 1988 is recoverable from the insured. See the clause headed AVOIDANCE OF CERTAIN TERMS & RIGHT OF

RECOVERY. For legal interpretation, English version will hold good.

IN : SAC 997134

Description of Service : Motor Insurance

Place of Supply : RAJASTHAN(State Code-08)

We hereby certify that the policy to which this certificate relates as well as this certificate of insurance are issued in accordance with the provisions of Chapter X and Chapter XI of Motor Vehicle Act, 1988

For & On Behalf of Future Generali India Insurance Co. Ltd.



Signature

STATE TRANSPORT DEPARTMENT

FORM 23

Certificate of Registration

Registration No:

RJ14PC0285

Dated 09-Feb-2012

Description of Vehicle

EEOO AMBULANCE

Dealer's Name & Address

SANGA AUTOMOBILES PVT LTD

Owner Name

INDIA EDUCATION TRUST MAHATMA

Son/Air/daughter of

NA

Full Address:
(Permanent)GANDHI NATIONAL INS.OF MED.SCIENCE
12.13.14 RIICO
JAIPURFull Address:
(Temporary)GANDHI NATIONAL INS.OF MED.SCIENCE
12.13.14 RIICO
JAIPUR

Owner Serial No. 1

DETAILED DESCRIPTION

1. Class of Vehicle

AMBULANCE

The motor vehicle is

NEW VEHICLE

2. Maker's Name

MARUTI SUZUKI INDIA LTD(MUL)

Dealer's Name & Address

SANGA AUTOMOBILES PVT.LTD
A-1,PUSHP ENCLAVE, PRATAP NAGAR
JAIPUR

3. Type of Body

AMBULANCES

4. Month & Year of Manuf.

J2011

5. No of Cylinders

4

6. Chassis Number

MA3ERLF1S00240904

7. Engine Number

G12BN221343

8. Fuel

DIESEL

9. Horse Power(B.H.P.)

1195 CC

10. Cubic Capacity

EEOO AMBULANCE

11. Maker's Classification

2350

12. Wheel base

5 (including driver)

13. Seating Capacity

965 kgs

14. Unladen Weight

WHITE

15. Colour

Additional Particulars in the case of all transport vehicles other than motor cabs

16. Gross Vehicle Weight

(a) as certified by the manufacturer

1510 kgs

(b) as registered

1510 kgs

17. Number, description of size of tyre on (each) axle

(a) Front

450*10=2

(b) Rear

450*10=2

(c) Other

(d) Tandem

18. Registered axle weight (in respect of each axle)

(a) Front

500 kgs

(b) Rear

1010 kgs

(c) Other

0 kgs

(d) Tandem

0 kgs

19. The motor vehicle above described is subject to Hypothecation in favour of

Date of Endorsement

Address of Financier

20. Purchase Date & Cost

08-Feb-2012 Rs. 361966/-

21. OTT Date, Amount & rpt No:

22. Vehicle is Government/Private OTHERS

Date of Approval: 09-Feb-2012

This certificate is valid from 09-Feb-2012 to 08-Feb-2017

Norms: Bharat Stage-IV

Signature of Registering Authority



प्रदूषण नियंत्रण प्रमाण पत्र **POLLUTION UNDER CONTROL CERTIFICATE**

[Approved by Department of Transport, Government of Rajasthan, Jaipur]

परिवहन विभाग राजस्थान सरकार से मान्यता प्राप्त
(Rule 115 of CAPV Rules 2009)

16862555

Pucc No :	P648RJ14110079
Vehicle No :	RJ14PC0285
Customer Name :	INDIA EDUCATION TRUST MAHATMA
Customer Mobile :	9001890284
Year of Regn :	09-02-2012
Type of Vehicle :	4 Wheeler
Type of Engine :	4 STROKE
Make :	Maruti Udyog
Model :	AMBULANCE
FUEL :	PETROL
Test Date :	18-02-2023
Time :	12:41:25 PM
Valid Up To :	17-08-2023
Center Name :	Sampat Ram Mobile Van Center, (RJ14-GF-2607)
Center Address :	Jaipur
Licence No :	RJ14-648/649
Test Result :	Pass

Certificate price: 70

Valid for Six Months for Bharat Stage III or below and one year for Bharat Stage IV vehicles or Bharat Stage VI vehicles.



VALID IN ALL INDIA

Photo of Vehicle



Petrol Test		Gas Test		Unit
Pres STD	Measured level	Pres STD	Measured level	
CO 3.0	0.35	--	--	% Vol
HC 1500	65	--	--	PPM
CO2 --	7.8	--	--	% Vol
O2 --	10.03	--	--	PPM

At High Idel RPM 2300 - 2700

	Pres STD	Measured level	Unit
CO	0.2	--	% Vol
Lambda	0.97 - 1.03	--	

SAMPAT RAM MOBILE VAN Get Certificate renewed within the expiry date.

Seal of Testing Station
 MOD. 9414551970

Testing Station Code

P648RJ14

Authorised Signatory

[Signature]

CLERK, ALL INDIA AND IF ANY RECEIVED FROM THE TRANSPORT DEPT. KINDLY DESTROY THE INVALID CERTIFICATE

Transport Dept. Govt. of Rajasthan

Veh Reg No : RJ14PC0285
 PUC No. : P648RJ14110079
 Valid up to : 17-08-2023
 Scan QR Code to Validate



Transport Dept. Govt. of Rajasthan

Veh Reg No : RJ14PC0285
 PUC No. : P648RJ14110079
 Valid up to : 17-08-2023
 Scan QR Code to Validate

This Document is Digitally Signed

Signer: MILAP CHAND
Date: Wed, Feb 22, 2023 12:40:21 IST
Location: NOIDA
Reason: Signing for OICL

**MOTOR INSURANCE CERTIFICATE CUM POLICY SCHEDULE
MISCELLANEOUS CLASS D VEHICLES PACKAGE POLICY -
ZONE B**

Road Side Assistance included in this policy - Toll free No. 8447642311
*Conditions Apply

Policy No : 241107/31/2023/6060 Prev Policy No : 241107/31/2022/4676
Cover Note No : - Cover Note Dt :
Insured's Code : 84695527 Issue Office Code : 241107
Insured's Name : MAHATMA GANDHI NATIONAL
INSTITUTE OF INDIA MEDICAL
SCIENCE (GSTIN: 0) Issue Office Name : CBO 5 JAIPUR (GSTIN:
08AAACT0627R3ZX)
Address : 12, 13, 14, RIICO IND. AREA,
SITAPURA, JAIPUR Address : 2nd Floor, SP-1, Apex circle
Malviya Nagar, Jaipur
JAIPUR RAJASTHAN 302003 JAIPUR RAJASTHAN 302002
Tel /Fax /Email : / / 0 / mghauditandcosting@gmail.com Tel /Fax /Email : 0141-2758050 / 0141-2758050 /
verma.kapil@orientalinsurance.co.in

Lead/Breakin No : /

Agent/Broker Details

Dev.Off.Code : NA0000006349 K.P.MEENA
Agent/Broker : BA0000081792 KESHAV AWASTHI,[M]9414920601
Address : 23, SHIV GAURAX NAGAR, MALVIYA NAGAR,
JAIPUR,JAIPUR,RAJASTHAN,302017
Tel /Fax /Email : 9414051324/NA



Period of Insurance : FROM 00:00 ON 22/02/2023 TO MIDNIGHT OF 21/02/2024

Collection No & Dt : DC_I_IND 2154008870 - 21/02/2023 GST INVOICE NO :0821693619 UIN :0
Gross Premium : 8,106 GST : 1,460 Stamp Duty : .5 Total : 9,566
Geographical Area : INDIA Area Extension :

Particulars of Insured Vehicle:

Registration Mark & Place	Engine No. & Chassis No.	Make - Model	Type Of Body Type Of Fuel	G.V.W	Year Of Manf.	Seating Cap (incl Driver)	Cubic Capacity
RJ 14 PC 0285221343 Jaipur - 240904		Maruti EEco Ambulance	OTHERS PETROL		2011 4 + 1		1195

Particulars of Trailer

Chassis No.	Registration No.	Manufacturer	Make

Limitations as to Use

Place : JAIPUR
Date : 20/01/2023



The Oriental Insurance Company Limited

In case of any query regarding the Policy please call Toll
Free No. 1800 11 8485 and 011 33208485.

Digitally Signed-
By
Authorised Signatory

CIN: U66010DL1947GOI007158 All the Amounts mentioned in this policy are in Indian Rupees
IRDA Regn. No. 556 - Now you can buy and renew selected policies online at www.orientalinsurance.org.in

Page 1 of 3

This Document is Digitally Signed

Signer: MILAP CHAND
Date: Wed, Feb 22, 2023 12:40:21 IST
Location: NOIDA
Reason: Signing for OICI

Attached to and forming part of policy number 241107/31/2023/6060

The Policy covers use only under a permit within the meaning of the Motor Vehicle Act 1988 or such a carriage falling under Sub-section 3 of Section 66 of the Motor Vehicles Act 1988.

- 1 Use only for agricultural and forestry purposes. The Policy does not cover (1) Use for hire or reward or for racing pace making reliability trial or speed testing. (2) Use for the carriage of passengers for hire or reward. (3) Use whilst drawing a greater number of trailers in all than is permitted by law
- 2 Use in connection with the Insured's business. The Policy does not cover : (1) Use for racing pace making, reliability trial or speed testing. (2) Use for the carriage of passengers for hire or reward. (3) Use whilst drawing a trailer except the towing (other than for reward) of any one disabled mechanically propelled vehicle
- 3 Use only for ambulance purposes - The Policy does not cover (1) Use for hire or reward or for racing, pace making, reliability trial or speed testing. (2) Use whilst drawing a trailer except the towing (other than for reward) of any one of disabled mechanically propelled vehicle

Driver: Any person including the insured, Provided that a person driving holds an effective driving license at the time of the accident and is not disqualified from holding or obtaining such a license., Provided also that the person holding an effective Learner's license may also drive the vehicle ** and that such a person satisfies the requirements of Rule 3 of the Central Motor Vehicles Rules, 1989". ** When the vehicle is used for transport of goods add the following words : - when not used for the transport of goods at the time of the accident ** When the vehicle is used for transport of passengers add the following words: - when not used for the transport of passengers at the time of the accident

Limit of Liability: Under Section II-1(i) in respect of any one accident: as per Motor Vehicles Act, 1988.
Under Section II-1 (ii) in respect of any one claim or series of claims arising out of one event is Rs. 750000

P.A. Cover under Section III for Owner - Driver (CSI) : Rs. 1500000

*This insurance excludes all pre-existing damages

Insured's Declared Value (IDV)

For the Vehicle	For Trailers	Non Electrical Accessories	Electrical Accessories	Value of CNG LPG Kit	Total Value
55,000					55,000

SCHEDULE OF PREMIUM

A. OWN DAMAGE		B. LIABILITY	
BASIC OD COVER	694.10	ADD :BASIC TP COVER	7,267.00
ADD :IMT23-COVERAGE FOR IMT 21 EXCLUSIONS	126.94	BASIC TP TOTAL	7,267.00
LESS :BO UNDERWRITER DISCOUNT	616.00	ADD :PA FOR OWNER DRIVER-GR36A	320.00
BASIC OD TOTAL	78.10	ADD :LL-PAID DRIVER, CONDUCTOR,CLEANER-IMT-28	100.00
ADD :UW LOADING-BASIC OD	152.15	ADD :LOADING FOR CARRYING PASSENGERS-IMT-46	240.00
OD TOTAL	357.00	TP TOTAL	7,927.00
LESS :NO CLAIM BONUS-GR27	178.60	TOTAL PREMIUM	8,106.00
MOTOR TOTAL OD	179.00	ADD :SGST	730.00
		ADD :CGST	730.00
		STAMP DUTY	0.50
		TOTAL AMOUNT	9,566.00

* NCB discount - 50 %

Place : JAIPUR
Date : 20/01/2023



The Oriental Insurance Company Limited

In case of any query regarding the Policy please call Toll Free No. 1800 11 8485 and 011 33208485.

Digitally Signed
By
Authorised Signatory

CIN: U66010DL1947GOI007158 All the Amounts mentioned in this policy are in Indian Rupees
IRDA Regn. No. 556 - Now you can buy and renew selected policies online at www.orientalinsurance.org.in

Page 2 of 3

STATE TRANSPORT DEPARTMENT

State Transport Department
Speedline Auto Fitness Private Limited

FORM 38

[See Rule 62(1)]

CERTIFICATE OF FITNESS

(Applicable in the case of transport vehicles only)




Vehicle No: **RJ14PC0285**(Ambulance) is certified as complying with the provisions of the Motor vehicles Act, 1988 and the rules made there under.

Registration No : RJ14PC0285
Application No : RJ23032012848052
Inspection Fee Receipt No : RJ270D2303000784
Receipt Date : 20-Mar-2023
Chassis No : MA3ERLF1S00240904
Engine No : G12BN221343
Seating Capacity : 5 (Including Driver)
Type of Body : AMBULANCES
Manufacturing Year : 2011
Category of Vehicle : LPV
Inspected on : 20-Mar-2023
Printed on : 20-Mar-2023 18:55:47



Certificate will expire on : 19-Mar-2024
Next Inspection Due Date :

Inspected by (**NARENDRA KUMAR
MEENA**)


Signature of Inspecting Authority
Speedline Auto Fitness Private Limited

SPEEDLINE AUTO FITNESS PVT. LTD.
Goner Road, Jagatpura Murlipura
Jaipur, Rajasthan
Fitness Auth. No.-RJ/HQ/LOA/0007

Receipt

SPEEDLINE AUTO FITNESS PVT LTD

KS N0-12, Near Indian Oil Petrol Pump, Guner Road, Jaipur



: INDIA EDUCATION TRUST MAHATMA

Vehicle No	: RJ14PC0285	Registration Type	: Initial Test
Category	: LCV Fitness Testing	Make/Model	: MARUTI SUZUKI/EECO
Receipt No	: SAPL/Jagatpura/4888	Date	: 20/03/2023
Token No	: 7329	Slot Time	: 17:21
Payment Type	: Cash	Appointment ID	: N/A

Description	Tax	Amount (INR)
Test Fee		600.00
CGST	9.0 %	54.00
SGST	9.0 %	54.00
Net Total	INR	708.00

Rupees : Seven Hundred Eight

Signature

Do Vehicle inspection for more safety

Copy

Printed On: 20-Mar-2023 17:11:31

STATE TRANSPORT DEPARTMENT

State Transport Department

Speedline Auto Fitness Private Limited, Rajasthan

RJ270D2303000784/RJ23032012848052

Ambulance

INDIA EDUCATION TRUST MAHATMA

20-Mar-2023

RJ14PC0285

Chassis No:

MA3ERLF1S00240904

CEIPT/APPL No:

Vehicle Class:

Received From:

Receipt Date:

Vehicle No:

Remarks:

Applicable Inspection fee and GST has to paid to Fitness Center



Particular	Amount	Penalty	Total
Fitness Inspection/Certificate	200	25	225
Green Tax	2000	0	2000
GRAND TOTAL (in Rs): 2225/- (TWO THOUSAND TWO HUNDRED AND TWENTY FIVE ONLY)			

Note-- This is computer generated slip, no need of signature (<https://parivahan.gov.in>).

ONLINE PAYMENT

STATE TRANSPORT DEPARTMENT

FORM 23 Certificate of Registration

R-A-1520

Registration No: **RJ14PB9760**

Dated 15-Dec-2011

Description of Vehicle: **TRAVELLER AMBULANCE EURO III**
 Dealer's Name & Address: **PRATAP AUTOMOBILE**
 Owner Name: **INDIA EDUCATION TRUST**
 Son/daughter of: **NA**
 Full Address (Permanent): **MAHATMA GANDHI NATIONAL INSTITUTE OF MEDICAL SCIENCE RIICO IND AREA JAIPUR**
 Full Address (Temporary): **MAHATMA GANDHI NATIONAL INSTITUTE OF MEDICAL SCIENCE RIICO IND AREA JAIPUR**

Owner Serial No. 1

DETAILED DESCRIPTION

1. Class of Vehicle: **AMBULANCE**
- The motor vehicle is: **NEW VEHICLE**
2. Maker's Name: **FORCE MOTORS LIMITED**
- Dealer's Name & Address: **PRATAP AUTOMOBILE C-84 PRATHAVI RAJ ROAD JAIPUR**
3. Type of Body: **AMBULANCES**
4. Month & Year of Manuf.: **/2011**
5. No. of Cylinders: **4**
9. Chassis Number: **MC1E4CJA7CP011555**
7. Engine Number: **D37012824**
8. Fuel: **DIESEL**
9. Horse Power (B.H.P.):
10. Cubic Capacity: **3298 CC**
11. Maker's Classification: **TRAVELLER AMBULANCE EURO III**
12. Wheel base: **3350**
13. Seating Capacity: **10 (including driver)**
14. Unladen Weight: **2115 kgs**
15. Colour: **WHITE**

Norms: Bharat Stage-III

Additional Particulars in the case of all transport vehicles other than motor cars:

16. Gross Vehicle Weight:
 - (a) as certified by the manufacturer
 - (b) as registered: **3510 kgs**
- Number, description of size of tyre on (each) axle:
 - (a) Front: **750*16#2**
 - (b) Rear: **750*16#2**
 - (c) Other:
 - (d) Tandem:
18. Registered axle weight (in respect of each axle):
 - (a) Front: **1490 kgs**
 - (b) Rear: **2020 kgs**
 - (c) Other: **0 kgs**
 - (d) Tandem: **0 kgs**

19. The motor vehicle above described is subject to hypothecation in favour of **AU FINANCIERS INDIA PVT LTD**

Date of Endorsement: **15-Dec-2011**

Address of Financier: **JAIPUR**
JAIPUR

20. Purchase Date & Cost: **01-Oct-2011 (Rs. 753000/-)**

21. GTT Date, Amount & rpt No:

22. Vehicle is Government/Private: **OTHERS**

Date of Approval: **15-Dec-2011**

This certificate is valid from **15-Dec-2011 to 14-Dec-2026**

Signature of Registering Authority

952096

STATE TRANSPORT DEPARTMENT

State Transport Department
Speedline Auto Fitness Private Limited
FORM 38

[See Rule 62(1)]

CERTIFICATE OF FITNESS

(Applicable in the case of transport vehicles only)

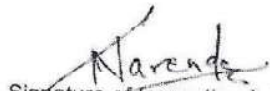


Vehicle No: **RJ14PB9780** (Ambulance) is certified as complying with the provisions of the Motor vehicles Act, 1988 and the rules made there under.

Registration No : RJ14PB9780
Application No : RJ23032072846254
Inspection Fee Receipt No : RJ270D2303000782
Receipt Date : 20-Mar-2023
Chassis No : MC1E4CJA7CP011555
Engine No : D37012824
Seating Capacity : 10 (Including Driver)
Type of Body : AMBULANCES
Manufacturing Year : 2011
Category of Vehicle : LPV
Inspected on : 20-Mar-2023
Printed on : 20-Mar-2023 18:53:52

Certificate will expire on : 19-Mar-2024
Next Inspection Due Date :

Inspected by (NARENDRA KUMAR
MEENA)


Signature of Inspecting Authority
Speedline Auto Fitness Private Limited
SPEEDLINE AUTO FITNESS PVT LTD.
Goner Road, Jagatpura Murlipura
Jaipur, Rajasthan
Fitness Auth. No.-RJ/HQ/LQA/0067

copy

Printed On: 20-Mar-2023 17:05:39

STATE TRANSPORT DEPARTMENT

State Transport Department

Speedline Auto Fitness Private Limited, Rajasthan



RECEIPT/APPL No: RJ270D2303000782/RJ23032072846254
Vehicle Class: Ambulance
Received From: INDIA EDUCATION TRUST
Receipt Date: 20-Mar-2023
Vehicle No: RJ14PB9780 Chassis No: MC1E4CJA7CP011555
Remarks: Applicable Inspection fee and GST has to paid to Fitness Center

Particular	Amount	Penalty	Total
Fitness Inspection/Certificate	200	25	225
Green Tax	2000	0	2000

GRAND TOTAL (in Rs): 2225/- (TWO THOUSAND TWO HUNDRED AND TWENTY FIVE ONLY)

Note-- This is computer generated slip, no need of signature (<https://parivahan.gov.in>).

ONLINE PAYMENT

Receipt

SPEEDLINE AUTO FITNESS PVT LTD

KS NO-12, Near Indian Oil Petrol Pump, Guner Road, Jaipur



Name : MAHATMA GANDHI NATIONAL INSTITUTE
Vehicle No : RJ14PB9780 Registration Type : Initial Test
Category : LCV Fitness Testing Make/Model : FORCE/TRAVELLER
Receipt No : SAPL/Jagatpura/4892 Date : 20/03/2023
Token No : 7333 Slot Time : 17:43
Payment Type : Cash Appointment ID : N/A

Description	Tax	Amount (INR)
Test Fee		600.00
CGST	9.0 %	54.00
SGST	9.0 %	54.00
Net Total	INR	708.00

Rupees : Seven Hundred Eight

Signature

Do Vehicle inspection for more safety

This Document is Digitally Signed

Signer: MILAP CHAND
Date: Wed, Feb 22, 2023 12:43:18 IST
Location: NOF
Reason: Signing for OICL

**MOTOR INSURANCE CERTIFICATE CUM POLICY SCHEDULE
MISCELLANEOUS CLASS D VEHICLES PACKAGE POLICY -
ZONE B**

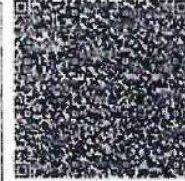
Road Side Assistance included in this policy - Toll free No. 8447642311
Conditions Apply

Policy No : 241107/31/2023/6057 Prev Policy No : 241107/31/2022/4677
Cover Note No : - Cover Note Dt : -
Insured's Code : 84694565 Issue Office Code : 241107
Insured's Name : M/S INDIA EDUCATION TRUST Issue Office Name : CBO 5 JAIPUR (GSTIN:
(GSTIN: 0) 08AAACT0627R3ZX)
Address : 12, 13, 14, & 19, 20, MAHATMA Address : 2nd Floor, SP-1, Apex circle
GANDHI NATIONAL INSTITUTE Malviya Nagar, Jaipur
OF MEDICAL SCIENCE, RIICO IND. JAIPUR RAJASTHAN 302002
AREA, SITAPURA, JAIPUR
JAIPUR RAJASTHAN 302003
Tel /Fax /Email : / / 0 / mghaunitandcosting@gmail.com Tel /Fax /Email : 0141-2758050 / 0141-2758050 /
verma.kapil@orientalinsurance.co.in

Lead/Breakin No : /

Agent/Broker Details

Dev.Off.Code : NA0000006349 K.P.MEENA
Agent/Broker : BA0000081792 KESHAV AWASTHI,[M]9414920601
Address : 23, SHIV GAURAX NAGAR, MALVIYA NAGAR,
JAIPUR, JAIPUR, RAJASTHAN, 302017
Tel /Fax /Email : 9414051324/NA



Period of Insurance : FROM 00:00 ON 22/02/2023 TO MIDNIGHT OF 21/02/2024

Collection No & Dt : DC_IND 2154008867 - 21/02/2023 GST INVOICE NO :0821693616 UIN :0
Gross Premium : 13,248 GST : 2,384 Stamp Duty : .5 Total : 15,632
Geographical Area : INDIA Area Extension :

Particulars of Insured Vehicle:

Registration Mark & Place	Engine No. & Chassis No.	Make - Model	Type Of Body Type Of Fuel	G.V.W	Year Of Manf.	Seating Cap (Incl Driver)	Cubic Capacity
RJ 14 PB 9780 7012824 Jaipur -	MC1E4CJA7CP011555	TRAVELLER AMBULANCE FM2.6CR (9+1)	OTHERS DIESEL		0 2011	9 + 1	2596

Particulars of Trailer

Chassis No.	Registration No.	Manufacturer	Make

Place : JAIPUR
Date : 20/01/2023



The Oriental Insurance Company Limited

In case of any query regarding the Policy please call Toll Free No. 1800 11 8485 and 011 33208485.

Digitally Signed
By
Authorised Signatory

CIN: U66010DL1947GOI007158 All the Amounts mentioned in this policy are in Indian Rupees

Page 1 of 3

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Attached to and forming part of policy number 241107/31/2023/6057

Limitations as to Use

The Policy covers use only under a permit within the meaning of the Motor Vehicle Act 1988 or such a carriage falling under Sub-section 3 of Section 66 of the Motor Vehicles Act 1988.

- 1 Use only for agricultural and forestry purposes. The Policy does not cover (1) Use for hire or reward or for racing pace making reliability trial or speed testing. (2) Use for the carriage of passengers for hire or reward. (3) Use whilst drawing a greater number of trailers in all than is permitted by law
- 2 Use in connection with the insured's business. The Policy does not cover: (1) Use for racing pace making, reliability trial or speed testing. (2) Use for the carriage of passengers for hire or reward. (3) Use whilst drawing a trailer except the towing (other than for reward) of any one disabled mechanically propelled vehicle
- 3 Use only for ambulance purposes - The Policy does not cover (1) Use for hire or reward or for racing, pace making, reliability trial or speed testing. (2) Use whilst drawing a trailer except the towing (other than for reward) of any one of disabled mechanically propelled vehicle

Driver: Any person including the insured, Provided that a person driving holds an effective driving license at the time of the accident and is not disqualified from holding or obtaining such a license., Provided also that the person holding an effective Learner's license may also drive the vehicle ** and that such a person satisfies the requirements of Rule 3 of the Central Motor Vehicles Rules, 1989". ** When the vehicle is used for transport of goods add the following words: - when not used for the transport of goods at the time of the accident ** When the vehicle is used for transport of passengers add the following words: - when not used for the transport of passengers at the time of the accident

Limit of Liability: Under Section II-1(i) in respect of any one accident: as per Motor Vehicles Act, 1988.
 Under Section II-1 (ii) in respect of any one claim or series of claims arising out of one event is Rs. 750000

P.A. Cover under Section III for Owner - Driver (CSI) : Rs. 0

*This insurance excludes all pre-existing damages

Insured's Declared Value (IDV)

For the Vehicle	For Trailers	Non Electrical Accessories	Electrical Accessories	Value of CNG LPG Kit	Total Value
2,50,000			8,50,000		11,00,000

SCHEDULE OF PREMIUM

A. OWN DAMAGE		B. LIABILITY	
BASIC OD COVER	3,155.00	ADD :BASIC TP COVER	7,267.00
ADD :GR41-COVER FOR ELECTRICAL ACCESSORIES	34,000.00	BASIC TP TOTAL	7,267.00
ADD :IMT23-COVERAGE FOR IMT 21 EXCLUSIONS	5,573.25	ADD :LL-PAID DRIVER, CONDUCTOR,CLEANER-IMT-28	100.00
LESS :BO UNDERWRITER DISCOUNT	32,046.00	ADD :LOADING FOR CARRYING PASSENGERS-IMT-46	540.00
BASIC OD TOTAL	5,109.00	TP TOTAL	7,907.00
OD TOTAL	10,682.00	TOTAL PREMIUM	13,248.00
LESS :NO CLAIM BONUS-GR27	5,341.13	ADD :CGST	1,192.00
MOTOR TOTAL OD	5,341.00	ADD :SGST	1,192.00
		STAMP DUTY	0.50
		TOTAL AMOUNT	15,632.00

* NCB discount - 50 %

Place : JAIPUR

Date : 20/01/2023



The Oriental Insurance Company Limited

In case of any query regarding the Policy please call Toll Free No. 1800 11 0465 and 011 33208485.

Digitally Signed

By

Authorised Signatory

CIN: U06010DL1947GOI007158 All the Amounts mentioned in this policy are in Indian Rupees

IRDA Regn. No. 556 - Now you can buy and renew selected policies online at www.orientalinsurance.org.in

Page 2 of 3

GOVERNMENT OF RAJASTHAN

STATE TRANSPORT DEPARTMENT

FORM 23

Certificate of Registration

R-3813825

Registration No:

RJ14PB4583

Dated 22-Jun-2010

Description of Vehicle:

TRAVELLER AMBULANCE EURO III

Dealer's Name & Address:

PRATAP AUTOMOBILES

Owner Name:

INDIA EDUCATION TRUST

Wife/daughter of:

NA

Full Address:

MAHATMA GANDHI NATIONAL INSTITUTE

(Permanent)

OF MEDICAL SCIENCE RHODI AREA

Address:

MAHATMA GANDHI NATIONAL INSTITUTE

(Temporary)

OF MEDICAL SCIENCE RHODI AREA

Owner Serial No. 1

SITA PURA JAIPUR

DETAILED DESCRIPTION

1. Class of Vehicle

AMBULANCE

The motor vehicle is

NEW VEHICLE

2. Maker's Name

FORCE MOTORS LIMITED

Dealer's Name & Address

PRATAP AUTOMOBILES

KHASA KOTHI CIRCLE

JAIPUR

3. Type of Body

AMBULANCES

4. Worth of Tax of Manuf.

72010

5. No. of Cylinders

4

6. Chassis Number

MC1EACEADAP004115

7. Engine Number

D18033720

8. Fuel

DIESEL

9. Horse Power (B.H.P.)

76

10. Cubic Capacity

2956 CC

11. Maker's Classification

TRAVELLER AMBULANCE EURO III

12. Wheel base

3350

13. Seating Capacity

10 (Including driver)

14. Unladen Weight

2115 kgs

15. Colour

S. WHITE

16. Gross Vehicle Weight

3510 kgs

17. Number, description of size of tyre on (each) axle

215/75-2

(a) Front

215/75-2

(b) Rear

(c) Other

(d) Tandem

18. Registered axle weight (in respect of each axle)

1480 kgs

(a) Front

2020 kgs

(b) Rear

(c) Other

(d) Tandem

0 kgs

0 kgs

19. The motor vehicle above described is subject to hypothecation in favour of AU FINANCIERS INDIA PVT LTD

Date of Endorsement

22-Jun-2010

Address of Financier

JAIPUR

JAIPUR

20. Purchase Date & Cost

28-May-2010, Rs. 782000/-

21. OTT Date, Amount & rpt No.

22. Vehicle is Government/Private

FIRM

This certificate is valid from 22-Jun-2010 to 21-Jun-2025

Date of Approval: 22-Jun-2010

Signature of Registrar

11/18/22, 1:17 PM



Transport Department, Rajasthan

प्रदूषण नियंत्रण प्रमाण पत्र

POLLUTION UNDER CONTROL CERTIFICATE

[Approved by Department of Transport, Government of Rajasthan, Jaipur]

परिवहन विभाग राजस्थान सरकार से मान्यता प्राप्त

(Rule 115 of CMV Rules 1989)

16089620

Pucc No :	D649RJ14103118
Vehicle No :	RJ14PB4559
Customer Name :	JCTSL
Customer Mobile :	9001890284
Year of Regn :	08-02-2010
Vehicle :	BUS
Make :	Ashok Leyland Ltd
Model :	BUS
Test Date :	18-11-2022
Time :	01:16:11 PM
Valid Up To :	17-05-2023
Center Name :	Sampat Ram Mobile Van Center, (RJ14-GF-2607)
Center Address :	Jaipur
Licence No :	RJ14-648/649
Test Result :	Pass

VALID IN ALL INDIA

Photo of Vehicle



Flushing Cycle				
Avg	RPM Min	RPM Max	Temp	
580		2190	35	

Sr. No.	RPM Min	RPM Max	Km	HSU%	Temp
1	770	2160	0.88	31.5	35
2	720	2170	0.88	31.5	35
3	730	2050	1.05	36.4	35
Mean			0.93	33.1	

Prescribed Limit for Diesel vehicle	1/m(Light Absorption Co-efficient)	Hartridge Units (HSU)%
Free Acceleration BS II & III	2.45	65
Free Acceleration BS IV	1.62	50
Free Acceleration BS VI 4/3 wheelers	0.7 / 1.5	26 / 48

Validity Six Months for Bharat Stage III or below and one year for Bharat Stage IV/VI vehicles.

Certificate price: ₹ 100

Get Certificate renewed within the expiry date.

Seal of Testing Station	Testing Station Code D649RJ14	Authorised Signatory
CERTIFICATE IS ONLY VALID IF SMS RECEIVED FROM REIL TRANSPORT DEPT. KINDLY DESTROY THE INVALID CERTIFICATE. Transport Dept. Govt. of Rajasthan		
Veh Reg No : RJ14PB4559 PUC No. : D649RJ14103118 Valid up to : 17-05-2023 Scan QR Code to Validate		Veh Reg No : RJ14PB4559 PUC No. : D649RJ14103118 Valid up to : 17-05-2023 Scan QR Code to Validate

This Document is Digitally Signed

Signer: MILAP CHAND
Date: Wed, Feb 22, 2023 12:38:24 IST
Location: NOIDA
Reason: Signing Policy for OICL

**MOTOR INSURANCE CERTIFICATE CUM POLICY SCHEDULE
MISCELLANEOUS CLASS D VEHICLES PACKAGE POLICY -
ZONE B**

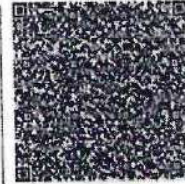
Road Side Assistance Included in this policy - Toll free No. 8447642311
*Conditions Apply

Policy No : 241107/31/2023/6062 Prev Policy No : 241107/31/2022/4715
Cover Note No : - Cover Note Dt :
Insured's Code : 84694565 Issue Office Code : 241107
Insured's Name : M/S INDIA EDUCATION TRUST Issue Office Name : CBO 5 JAIPUR (GSTIN:
(GSTIN: 0) 08AACT0627R3ZX)
Address : 12, 13, 14, & 19, 20, MAHATMA Address : 2nd Floor, SP-1, Apex circle
GANDHI NATIONAL INSTITUTE Malviya Nagar, Jaipur
OF MEDICAL SCIENCE, RIICO IND. JAIPUR RAJASTHAN 302002
AREA, SITAPURA, JAIPUR
JAIPUR RAJASTHAN 302003
Tel /Fax /Email : / / 0 / mghauditandcosting@gmail.com Tel /Fax /Email : 0141-2758050 / 0141-2758050 /
verma.kapil@orientalinsurance.co.in

Load/Breakin No : /

Agent/Broker Details

Dev.Off.Code : NA0000006349 K.P.MEENA
Agent/Broker : BA0000081792 KESHAV AWASTHI,[M]9414920601
Address : 23, SHIV GAURAX NAGAR, MALVIYA NAGAR,
JAIPUR, JAIPUR, RAJASTHAN, 302017
Tel /Fax /Email : 9414051324//NA



Period of Insurance : FROM 00:00 ON 25/02/2023 TO MIDNIGHT OF 24/02/2024

Collection No & Dt : DC_L_IND 2154008872 - 21/02/2023 GST INVOICE NO :0821693618 UIN :0

Gross Premium : 13,248 GST : 2,384 Stamp Duty : .5 Total : 15,632

Geographical Area : INDIA Area Extension :

Particulars of Insured Vehicle:

Registration Mark & Place	Engine No. & Chassis No.	Make - Model	Type Of Body Type Of Fuel	G.V.W	Year Of Manf.	Seating Cap (incl Driver)	Cubic Capacity
RJ 14 PB 4559 Jaipur -	18033720 CHASIS04115	TRAVELLER AMBULANCE FM2.6CR (9+1)	OTHERS DIESEL	3510	2010	9 + 1	2596

Particulars of Trailer

Chassis No.	Registration No.	Manufacturer	Make

Place : JAIPUR
Date : 20/01/2023



The Oriental Insurance Company Limited

In case of any query regarding the Policy please call Toll Free No. 1800 11 8485 and 011 33208485.

Digitally Signed
By
Authorised Signatory

CIN: U66010DL1947GOI007158 All the Amounts mentioned in this policy are in Indian Rupees
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Page 1 of 3

Attached to and forming part of policy number 241107/31/2023/6062

Limitations as to Use

The Policy covers use only under a permit within the meaning of the Motor Vehicle Act 1988 or such a carriage falling under Sub-section 3 of Section 66 of the Motor Vehicles Act 1988.

- 1 Use only for agricultural and forestry purposes. The Policy does not cover (1) Use for hire or reward or for racing pace making reliability trial or speed testing. (2) Use for the carriage of passengers for hire or reward. (3) Use whilst drawing a greater number of trailers in all than is permitted by law
- 2 Use in connection with the insured's business. The Policy does not cover : (1) Use for racing pace making, reliability trial or speed testing. (2) Use for the carriage of passengers for hire or reward. (3) Use whilst drawing a trailer except the towing (other than for reward) of any one disabled mechanically propelled vehicle
- 3 Use only for ambulance purposes - The Policy does not cover (1) Use for hire or reward or for racing, pace making, reliability trial or speed testing. (2) Use whilst drawing a trailer except the towing (other than for reward) of any one of disabled mechanically propelled vehicle

Driver: Any person including the insured, Provided that a person driving holds an effective driving license at the time of the accident and is not disqualified from holding or obtaining such a license. Provided also that the person holding an effective Learner's license may also drive the vehicle ** and that such a person satisfies the requirements of Rule 3 of the Central Motor Vehicles Rules, 1989. ** When the vehicle is used for transport of goods add the following words : - when not used for the transport of goods at the time of the accident ** When the vehicle is used for transport of passengers add the following words: - when not used for the transport of passengers at the time of the accident

Limit of Liability: Under Section II-1(i) in respect of any one accident: as per Motor Vehicles Act, 1988.
 Under Section II-1 (ii) in respect of any one claim or series of claims arising out of one event is Rs. 750000

P.A. Cover under Section III for Owner - Driver (CSI) : Rs. 0

*This insurance excludes all pre-existing damages

Insured's Declared Value (IDV)

For the Vehicle	For Trailers	Non Electrical Accessories	Electrical Accessories	Value of CNG LPG Kit	Total Value
2,50,000			8,50,000		11,00,000

SCHEDULE OF PREMIUM

A. OWN DAMAGE			B. LIABILITY	
BASIC OD COVER	3,155.00	ADD :BASIC TP COVER		7,267.00
ADD :GR41-COVER FOR ELECTRICAL ACCESSORIES	34,000.00	BASIC TP TOTAL		7,267.00
ADD :IMT23-COVERAGE FOR IMT 21 EXCLUSIONS	5,573.25	ADD :LL-PAID DRIVER, CONDUCTOR,CLEANER-IMT-28		100.00
LESS :BO UNDERWRITER DISCOUNT	32,046.00	ADD :LOADING FOR CARRYING PASSENGERS-IMT-46		540.00
BASIC OD TOTAL	5,109.00	TP TOTAL		7,907.00
OD TOTAL	10,682.00	TOTAL PREMIUM		13,248.00
LESS :NO CLAIM BONUS-GR27	5,341.13	ADD :CGST		1,192.00
MOTOR TOTAL OD	5,341.00	ADD :SGST		1,192.00
		STAMP DUTY		0.50
		TOTAL AMOUNT		15,632.00

* NCB discount - 50 %

Place : JAIPUR

Date : 20/01/2023



The Oriental Insurance Company Limited

In case of any query regarding the Policy please call Toll Free No. 1800 11 8485 and 011 33208485.

Digitally Signed
By
Authorised Signatory

CIN: U66010DL1947GOI007158 All the Amounts mentioned in this policy are in Indian Rupees
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Page 2 of 3

STATE TRANSPORT DEPARTMENT

State Transport Department

Speedline Auto Fitness Private Limited

FORM 38

[See Rule 62(1)]

CERTIFICATE OF FITNESS

(Applicable in the case of transport vehicles only)

Vehicle No. RJ14PB4559 (Ambulance) is certified as complying with the provisions of the Motor Vehicles Act, 1988 for the purpose of use as a transport vehicle.

Registration No.	RJ14PB4559
Registration No.	RJ2211254721211
Registration No.	RJ27102211330448
Registration No.	29-Nov-2022
Chassis No.	MC1E40E40004115
Engine No.	DF5033720
Seating Capacity	(Including Driver)
Type of Body	AMBULANCES
Manufacturing year	2010
Category of vehicle	LPV
Inspected on	23-Nov-2022
Expiry date	20-Nov-2022 17:28:02

Certificate will expire on : 22-Nov-2023
Next Inspection Due Date :

MAHESH KUMAR

Inspector

Signature

Signature of Inspecting Authority

Speedline Auto Fitness Private Limited

SPEEDLINE AUTO FITNESS PVT. LTD.

Greater Road, Jagajpura, Multan

Verdy, Rajasthan

Fitness Auto No. RJ14PB4559



Project : Environment Audit for Mahatma Gandhi University of Medical Sciences & Technology
Promoter : Mahatma Gandhi Medical College & Hospital

ANNEXURE VI

Copy of valid CTO



Head Office (BMW)
Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 141-5159600 Fax: 0141-5159697



Registered

File No. : F(BMW)/Jaipur(Sanganer)/69(1)/2013-2014/5660-5662

Order No: 2018-2019/BMW/5991

Date: 19/12/2018

Unit Id : 1804

M/s Mahatma Gandhi University of Medical Sci.& Technology(Mahatma Gandhi H

Sitapura, Jaipur Tehsil:Sanganer

District:Jaipur

Sub. Consent to Operate under section 25/26 of the Water (Prevention & Control of Pollution) Act 1974 and under section 21(4) of Air (Prevention & Control of Pollution) Act, 1981.

Ref: Your application for Consent to Operate dated 25/05/2018 and subsequent correspondence.

Sir,

Consent to Operate under the provisions of section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974(hereinafter to be referred as the Water Act) and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981, (hereinafter to be referred as the Air Act) as amended to date and rules & the orders issued thereunder is hereby granted for your Hospital2 plant situated at Sitapura Jaipur Tehsil:Sanganer District:JAIPUR, Rajasthan, subject to the following conditions:-

1. That this Consent to Operate is valid for a period from 01/10/2018 to 30/09/2023.
2. That this Consent is granted for manufacturing / producing following products / by products or carrying out the following activities or operation/processes or providing following services with capacities given below:

Particular	Type	Quantity with Unit
HOSPITAL ACTIVITY	Activity	1,000.00 BHD

3. That this consent to operate is for existing plant, process & capacity and separate consent to establish/operate is required to be taken for any addition / modification / alteration in process or change in capacity or change in fuel.
4. That the quantity of effluent generation along with mode of disposal for the treated effluent shall be as under.





Head Office (BMW)
Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 141-5159600 Fax: 0141-5159697

Registered

File No : F(BMW)/Jaipur(Sanganer)/69(1)/2013-2014/5660-5662

Order No : 2018-2019/BMW/5991

Date: 19/12/2016

Unit Id : 1804

Type of effluent	Max. effluent generation (KLD)	Recycled Qty of Effluent (KLD)	Disposed Qty of effluent (KLD) and mode of disposal
Domestic Sewage	250.000	250.000	NIL Sewage Treatment Plant

- 5 That the sources of air emissions along with pollution control measures and the emission standards for the prescribed parameters shall be as under:

Sources of Air Emissions	Pollution Control Measures	Prescribed	
		Parameter	Standard
D.G. SET (1 No) (380KVA)	ACOUSTIC ENCLOSURE ADEQUATE STACK HEIGHT		
D.G. SETS (2 Nos) (1010KVA EACH)	ACOUSTIC ENCLOSURE ADEQUATE AIR POLLUTION CONTROL MEASURES, ADEQUATE STACK HEIGHT	CO Particulate Matter NOx+HC	3.5 g/kW/hr 0.2 g/kW/hr 4.0 g/kW/hr
D.G. SETS (3 Nos) (125KVA EACH)	ACOUSTIC ENCLOSURE ADEQUATE STACK HEIGHT		



Head Office (BMW)
Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 141-5159600 Fax: 0141-5159697

Registered

File No : F(BMW)/Jaipur(Sanganer)/69(1)/2013-2014/5660 5662

Order No: 2018 2019/BMW/5991

Unit Id : 1B04

Date: 19/12/2018

D.G. SETS(2 Nos.) (500KVA EACH)	ACOUSTIC ENCLOSURE ADEQUATE AIR POLLUTION CONTROL MEASURES, ADEQUATE STACK HEIGHT		
---------------------------------	--	--	--

- 6 That the domestic sewage shall be treated before disposal so as to conform to the standards prescribed under the Environment (Protection) Act-1986 for disposal into Inland Surface Water. The main parameters for regular monitoring shall be as under:

Parameters	Standards
Total Suspended Solids	Not to exceed 100 mg/l
pH Value	Between 5.5 to 9.0
Oil and Grease	Not to exceed 10 mg/l
Biochemical Oxygen Demand (3 days at 27°C)	Not to exceed 50 mg/l
Bio-assay Test	Minimum 90% survival after 96 hours with fish at 100% effluent
Chemical Oxygen Demand	Not to exceed 250 mg/l

- 7 That the hospital shall comply the provisions of Bio-medical Waste Management Rules, 2016.
- 8 That the hospital shall not abstraction ground water without NOC from CGWA.
- 9 That the hospital shall comply with the standards for treatment & disposal of Bio-medical Waste as specified under Schedule 7 of Bio-medical Waste Management Rules, 2016.
- 10 That infected hospital liquid waste must be given chemical treatment by using at least 10 % hypochlorite solution or any other equivalent chemical reagent to ensure required disinfection.
- 11 That no treated/untreated effluent will be discharged inside or outside the facility premises and all the treated waste water will be utilized for plantation inside the facility premises.





Head Office (BMW)

Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 141-5159600 Fax: 0141-5159697

Registered

File No : F(BMW)/Jaipur(Sanganer)/69(1)/2013-2014/5669-5662

Order No : 2018-2019/BMW/5991

Date: 19/12/2018

Unit Id : 1804

- 12 That hospital shall install adequately designed Rain Water Harvesting structure for prevention and recharge of ground water in and around the area.
- 13 That used CFLs/FLs should be properly collected and disposed off/sent for recycling as per the prevailing rules/guidelines issued by the regulatory authority. Use of solar panels also may be done to the extent possible.
- 14 That the hospital shall maintain and operate the STP of 400 KLD capacity to treat the domestic waste water generated from the hospital activities and other utilities to achieve the standards prescribed under the Environment Protection Act, 1986.
- 15 That water flow meters shall be provided at all suitable points to measure quantity of daily water received, water consumption, waste water generation, waste water treated and treated waste water recycled and utilized for plantation/gardening purposes. Daily record of the same shall be maintained and to be submitted to the Board.
- 16 That the entire treated sewage shall be utilized within premises for flushing horticulture/plantation etc. or and zero discharge status shall be maintained outside the premises.
- 17 That the hospital shall install water flow meters at inlet and outlet of STP/ETP for measuring quantity of waste water inlet and waste water treated and treated waste water recycled and utilized for plantation/gardening purposes. Daily record of the same shall be maintained and to be submitted to the Board.
- 18 That this consent to operate is valid for 1050 Beds and DG Sets of 1010 KVA x 2, 500 KVA x 2, 380 KVA x 1, 125 KVA x 3 only. For any change in capacity of the service & area, the hospital has to seek fresh consent to establish.
- 19 That the hospital shall ensure not to discharge treated/untreated waste water into any drain/Nallah which is terminating to any water body in nearby area.
- 20 That the hospital shall not allow making any obstacles to any natural water flow i.e. natural nallah/stream carrying rain water to any water body.
- 21 That the Hospital shall provide adequate stack height along with acoustic enclosures on one D.G. Sets of 1010 KVA x 2, 500 KVA x 2, 380 KVA x 1, 125 KVA x 3. Further hospital shall not allow to install any other air pollution source i.e. Boiler/Hot Water generator etc. without prior permission of Board under the Air Act 1981.
- 22 That the hospital shall ensure proper utilization and reuse of domestic waste water after adequate treatment for gainful purposes.
- 23 That the total water consumption for the hospital shall not exceed 347 KLD without prior permission of that State Board.

Signature
Date
Place



Head Office (BMW)
Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 141-5159600 Fax: 0141-5159697

Registered

File No : F(BMW)/Jaipur(Sanganer)/69(1)/2013-2014/5660-5662

Order No: 2018-2019/BMW/5991

Date: 19/12/2018

Unit Id : 1804

24 That the Hospital shall comply all the conditions of Environmental Clearance imposed by State Level Environment Impact Assessment Authority, Rajasthan vide letter no. 14-15 dated 24.10.2016 for total built up area 1,49,304.83 Sq. Meters.

25 That, not withstanding anything provided hereinabove, the State Board shall have power and reserves its right, as contained under section 27(2) of the Water Act and under section 21(6) of the Air Act to review anyone or all the conditions imposed here in above and to make such variation as it deemed fit for the purpose of Air Act & Water Act.

26 That the grant of this Consent to Operate is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force, the sole and complete responsibility to comply with the conditions laid down in all other laws for the time-being in force, rests with the industry/ unit/ project proponent.

27 That the grant of this Consent to Operate shall not, in any way, adversely affect or jeopardize the legal proceeding, if any, instituted in the past or that could be instituted against you by the State Board for violation of the provisions of the Act or the Rules made thereunder.

This Consent to Operate shall also be subject, besides the aforesaid specific conditions, to the general conditions given in the enclosed Annexure. The project proponent will comply with the provisions of the Water Act and Air Act and to such other conditions as may, from time to time, be specified, by the State Board under the provisions of the aforesaid Act(s). Please note that, non compliance of any of the above stated conditions would tantamount to revocation of Consent to Operate and project proponent / occupier shall be liable for legal action under the relevant provisions of the said Act(s).

This bears the approval of the competent authority.

Yours Sincerely

19/12/18
Group Incharge (BMW)

Copy To:-

1. Regional Officer, Regional Office, Rajasthan State Pollution Control Board, Jaipur (South) to ensure compliances.
2. Master File.





Head Office (BMW)
Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 141-5159600 Fax: 0141-5159697

Registered

File No : F(BMW)/Jaipur(Sanganer)/69(1)/2013-2014/5660-5662

Order No: 2018-2019/BMW/5991

Date: 19/12/2018

Unit Id : 1804

Group Incharge [BMW]





Head Office (BMW)
Rajasthan State Pollution Control Board
 4, Institutional Area, Jhalana Doongari, Jaipur-302 004
 Phone: 141-5159600 Fax: 0141-5159697



Registered

File No : F(BMW)/Jaipur(Sanganer)/69(1)/2013-2014/1196-1198

Order No: 2020-2021/BMW/6066

Date: 11/06/2020

Unit Id : 1804

✓ M/s Mahatma Gandhi University of Medical Sci. & Technology (Mahatma Gandhi H

Sitapura, Jaipur Tehsil: Sanganer

District: Jaipur

Sub: Consent to Operate under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21(4) of Air (Prevention & Control of Pollution) Act, 1981.

Ref: Your application for Consent to Operate dated 17/10/2019 and subsequent correspondence.

Sir,

Consent to Operate under the provisions of section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 (hereinafter to be referred as the Water Act) and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981, (hereinafter to be referred as the Air Act) as amended to date and rules & the orders issued thereunder is hereby granted for your **Hospital 2 plant** situated at **Sitapura Jaipur Tehsil: Sanganer District: JAIPUR**, Rajasthan, subject to the following conditions:-

- 1 That this Consent to Operate is valid for a period from 17/10/2019 to 30/09/2024.
- 2 That this Consent is granted for manufacturing / producing following products / by products or carrying out the following activities or operation/processes or providing following services with capacities given below.

Particular	Type	Quantity with Unit
HOSPITAL ACTIVITY	Activity	400.00 BEDS

- 3 That this consent to operate is for existing plant, process & capacity and separate consent to establish/operate is required to be taken for any addition / modification / alteration in process or change in capacity or change in fuel.
- 4 That the quantity of effluent generation along with mode of disposal for the treated effluent shall be as under:



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Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 141-5159600 Fax: 0141-5159697

Registered

File No : F(BMW)/Jaipur(Sanganer)/69(1)/2013-2014/1196-1198

Order No: 2020-2021/BMW/6066

Date: 11/06/2020

Unit Id : 1804

Type of effluent	Max. effluent generation (KLD)	Recycled Qty of Effluent (KLD)	Disposed Qty of effluent (KLD) and mode of disposal
Domestic Sewage	80.000	80.000	NIL Sewage Treatment Plant

- 5 That the sources of air emissions along with pollution control measures and the emission standards for the prescribed parameters shall be as under:

Sources of Air Emissions	Pollution Control Measures	Prescribed	
		Parameter	Standard
D.G.Set(2000KVA)	ACOUSTIC ENCLOSURE , ADEQUATE STACK HEIGHT	CO	3.5 g/kW/hr
		Particulate Matter	0.2 g/kW/hr
		NOx+HC	4.0 g/kW/hr

- 6 That the domestic sewage shall be treated before disposal so as to conform to the standards prescribed under the Environment (Protection) Act-1986 for disposal **Into Inland Surface Water**. The main parameters for regular monitoring shall be as under.



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Rajasthan State Pollution Control Board
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Order No: 2020-2021/BMW/6066

Date: 11/06/2020

Unit Id : 1804

Parameters	Standards
Total Suspended Solids	Not to exceed 100 mg/l
Oil and Grease	Not to exceed 10 mg/l
Biochemical Oxygen Demand (3 days at 27°C)	Not to exceed 30 mg/l
Bio-assay Test	Minimum 90% survival after 96 hours with fish at 100% effluent
pH Value	Between 6.5 to 9.0
Chemical Oxygen Demand	Not to exceed 250 mg/l

- 7 That this consent is subject to post audit of the compliance made by the hospital for rectification of deficiencies observed during inspection on 17.03.2020 as communicated vide this office letter dated 01.06.2020. During inspection, if it is observed that it has not made compliance the consent shall be revoked.
- 8 That the hospital shall comply with the provisions of Bio-medical Waste Management Rules, 2016.
- 9 That the hospital shall not abstract ground water without prior NOC from CGWA.
- 10 That the hospital shall comply with the standards for treatment & disposal of Bio-medical Waste as specified under Schedule 7 of Bio medical Waste Management Rules, 2016.
- 11 That infected hospital liquid waste must be given chemical treatment by using at least 10 % hypochlorite solution or any other equivalent chemical reagent to ensure required disinfection.
- 12 That no treated/untreated effluent will be discharged inside or outside the facility premises and all the treated waste water will be utilized for plantation and other gainful purpose inside the facility premises.
- 13 That the hospital shall install adequately designed Rain Water Harvesting structure for prevention and recharge of ground water in and around the area.
- 14 That used CFLs/FLs should be properly collected and disposed off/sent for recycling as per the prevailing rules/guidelines issued by the regulatory authority. Use of solar panels also may be done to the extent possible.
- 15 That the total water consumption of the hospital after expansion i.e. for 1450 beds shall not exceed-400 KLD without prior permission of the State Board.



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Rajasthan State Pollution Control Board
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Order No: 2020-2021/BMW/6066

Date: 11/06/2020

Unit Id : 1804

- 16 That the hospital shall maintain and operate STP (400 KLD) to treat the domestic/hospital waste water generated from the hospital activities and other utilities to achieve the standards prescribed under the Environment (Protection) Act 1986.
- 17 That the water flow meters shall be provided at all suitable points to measure quantity of daily water received, water consumption, waste water generation, waste water treated and treated waste water recycled and utilized for plantation/gardening purposes. Daily record of the same shall be maintained and submitted to the Board.
- 18 That the entire treated sewage shall be utilized within premises for flushing, horticulture/plantation and zero discharge status shall be maintained outside the premises.
- 19 That the hospital shall install and maintain water flow meters at inlet and outlet of STP for measuring quantity of waste water inlet and waste water treated and treated waste water recycled and utilized for plantation/gardening purposes. Daily record of the same shall be maintained and submitted to the Board.
- 20 That this consent to operate is valid for 400 beds and one D.G. set (2000 KVA) only. For any change in capacity of the services & area, the hospital has to seek fresh consent to establish.
- 21 That the hospital shall ensure not to discharge treated/untreated waste water into any drain/Nallah which is terminating to any water body in nearby area.
- 22 That the hospital shall not allow making any obstacles to any natural water flow i.e. natural nallah/stream carrying rain water to any water body.
- 23 That the hospital shall maintain adequate height of stack along with acoustic enclosures with D.G. Set of 2000 KVA. No additional air pollution source shall be installed without prior permission of the Board.
- 24 That the hospital shall ensure proper utilization and reuse of domestic waste water after adequate treatment for gainful purposes.
- 25 That the hospital shall obtain Environmental Clearance from competent authority under EIA Notification dated 14.09.2006 for any such activity which attracts Environmental Clearance under EIA Notification dated 14.09.2006.
- 26 That this consent shall be subject to compliance of directions or order passed by National Green Tribunal (NGT) / court of law in the matter, if any.
- 27 That any incorrect information submitted in the consent application form or declaration shall make the Hospital liable for legal action under section 42 of the Water Act and section 38 of the Air Act.

Signature valid
11/06/2020 12:05:00



Head Office (BMW)
Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 141-5159600 Fax: 0141-5159697

Registered

File No : F{BMW}/Jaipur(Sanganer)/69(1)/2013-2014/1196-1198

Order No: 2020-2021/BMW/6066

Date: 11/06/2020

Unit Id : 1804

28 That, not withstanding anything provided hereinabove, the State Board shall have power and reserves its right, as contained under section 27(2) of the Water Act and under section 21(6) of the Air Act to review anyone or all the conditions imposed here in above and to make such variation as it deemed fit for the purpose of Air Act & Water Act.


29 That the grant of this Consent to Operate is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility to comply with the conditions laid down in all other laws for the time-being in force, rests with the industry/ unit/ project proponent.

30 That the grant of this Consent to Operate shall not, in any way, adversely affect or jeopardize the legal proceeding, if any, instituted in the past or that could be instituted against you by the State Board for violation of the provisions of the Act or the Rules made thereunder.

This Consent to Operate shall also be subject, besides the aforesaid specific conditions, to the general conditions given in the enclosed Annexure. The project proponent will comply with the provisions of the Water Act and Air Act and to such other conditions as may, from time to time, be specified, by the State Board under the provisions of the aforesaid Act(s). Please note that, non compliance of any of the above stated conditions would tantamount to revocation of Consent to Operate and project proponent / occupier shall be liable for legal action under the relevant provisions of the said Act(s).

This bears the approval of the competent authority.

Yours Sincerely


Group Incharge[BMW]

(A): Copy To:-

- 1 Regional Officer, Regional Office, Rajasthan State Pollution Control Board, Jaipur (South). Please ensure compliance of consent conditions. You are also requested to inspect the hospital collect sample of STP treated water and submit report within three months.
- 2 Master File.



Head Office (BMW)
Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 141-5159600 Fax: 0141-5159697

Registered

File No : F(BMW)/Jaipur(Sanganer)/69(1)/2013-2014/1196-1198

Order No : 2020-2021/BMW/6066

Date: 11/06/2020

Unit Id : 1804

_____|_____
Group Incharge[BMW]

Project : Environment Audit for Mahatma Gandhi University of Medical Sciences & Technology

Promoter : Mahatma Gandhi Medical College & Hospital

ANNEXURE VII

Work Order for Organic Waste Convertor

Tax Invoice (Original for Buyer)

Bijson Innovations Pvt. Ltd.

37, Shalimar Bagh,
Chitrakoot Marg, Ajmer Road
JAIPUR (RAJASTHAN)
Contact No. 823333000, 0141-4021312
E-mail: info@bijson.com
GSTIN No. 08AAGCB5467M1Z5

Invoice No.
2021-22/001

Dated
06/04/2021

Dispatch From
A-115 A Bala Bazar
Industrial Area,
Buneri, Chandra
Tehsil Jaipur

EWay Bill No.
731185157031

Order No.

Dated: 31-03-2021

Consignee
**Mahatma Gandhi University of Medical
Science & Technology,**

Plot no 19-20, Institutional Area, Sitapura, Jaipur,
Rajasthan, 302022

Contact Person: Mr. Subodh Beaspal

Contact Details: +91 7727010232

Email ID: subodhbeaspal@mgumst.org

GSTIN: 08AAAJM1810A1ZY

State: Rajasthan

Code: 08

Dispatch Doc No.
NA

Dated
06/04/2021

Dispatch Through
RJ 14 GE 3198

Destination
As Per Billing Address

S No.	Description of Goods	HSN Code	Quantity	Rate	Amount
1	Organic Waste Processor OWP-100 (Waste to Energy Plant)	8405	01	304,762	304,762.00/-

Bank Details:-

Bank: Central Bank of India
Branch: S. C. Road, Jaipur
Name: Bijson Innovations Pvt Ltd
A/c No: 3521329306
IFSC Code: CBIN0281065

EWay Bill No:
731185157031

Total

GST

(a) Total tax to be collected for Centre (CGST)

(b) Total tax to be collected for State (SGST)

(c) Total tax to be collected for Centre (CGST)

Round Off

GRAND TOTAL

Amount In Words:- Three Lakh & Twenty
Thousand Only.

STONES DIVISION
The Items Received are Entered in
Ledger No. EBT
13/04/2021 For 13/04/2021

For: Bijson Innovations Pvt. Ltd.

Declaration:
We declare that this invoice is a true and correct copy of the
original invoice and it is not a duplicate or a copy of a copy.

SUBJECT TO INDIAN & FOREIGN TAX
This is Computer Generated Invoice

Auth. Signature

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Project : Environment Audit for Mahatma Gandhi University of Medical Sciences & Technology

Promoter : Mahatma Gandhi Medical College & Hospital

ANNEXURE VIII

Annual Report (log and Accidents)

1. () 2. () 3. () 4. () 5. () 6. () 7. () 8. () 9. () 10. () 11. () 12. () 13. () 14. () 15. () 16. () 17. () 18. () 19. () 20. () 21. () 22. () 23. () 24. () 25. () 26. () 27. () 28. () 29. () 30. () 31. () 32. () 33. () 34. () 35. () 36. () 37. () 38. () 39. () 40. () 41. () 42. () 43. () 44. () 45. () 46. () 47. () 48. () 49. () 50. () 51. () 52. () 53. () 54. () 55. () 56. () 57. () 58. () 59. () 60. () 61. () 62. () 63. () 64. () 65. () 66. () 67. () 68. () 69. () 70. () 71. () 72. () 73. () 74. () 75. () 76. () 77. () 78. () 79. () 80. () 81. () 82. () 83. () 84. () 85. () 86. () 87. () 88. () 89. () 90. () 91. () 92. () 93. () 94. () 95. () 96. () 97. () 98. () 99. () 100. ()



Mahatma Gandhi Medical College & Hospital

MAHATMA GANDHI UNIVERSITY OF MEDICAL SCIENCES & TECHNOLOGY, JAIPUR
(Sponsoring Body : India Education Trust)

RICO Institutional Area, Sitapura, Tonk Road, JAIPUR - 302 022 (Raj.) INDIA
Phone : 0141-2770677, 2770796, 2771777, 2771001-3 • Fax : 0141-2770677
Website : www.mgmch.org • email : principal.medical@mgmch.org

MGMCH/AMS/5875

Date : 05.01.2023

To,

The Member Secretary
Rajasthan State Pollution Control Board
4, Jhalana Doongri,
Jaipur


Ref: Notification Bio Medical Waste Management Rules 2016, dated 28th March, 2016.
Sub: Annual Report (1st January, 2022 to 31st December, 2022)

Dear Sir,

Annual Report for the period 1st January, 2022 to 31st December, 2022 as per Bio-Medical Waste Management Rules 2016 dated 28th March, 2016 is submitted for necessary action.

Thanking you,

With Warm Regards,


Dr. A.K. Sharma
Registrar

REGISTRAR
MAHATMA GANDHI MEDICAL COLLEGE & HOSPITAL
SITAPURA, TONK ROAD, JAIPUR
Copy to: -

✓ The Regional Officer (South), Regional Office, Jaipur





Mahatma Gandhi Medical College & Hospital

MAHATMA GANDHI UNIVERSITY OF MEDICAL SCIENCES & TECHNOLOGY, JAIPUR
(Sponsoring Body : India Education Trust)

RIICO Institutional Area, Sitapura, Tonk Road, JAIPUR - 302 022 (Raj.) INDIA
Phone : 0141-2770677, 2770798, 2771777, 2771061-3 • Fax : 0141 2770677
Website : www.mgmch.org • email : principal.medical@mgmch.org


FORM - I

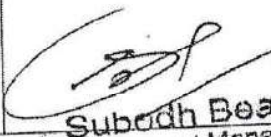
ACCIDENT REPORTING

1. Date and time of accident: Nil
2. Type of accident: Nil
3. Sequence of events leading to accident: Nil
4. Has the Authority been informed immediately: Nil
5. The type of waste involved in accident: Nil
6. Assessment of the effects of the accidents on human health and the environment: Nil
7. Emergency measures taken: Nil
8. Steps taken to alleviate the effects of accidents: Nil
9. Steps taken to prevent the recurrence of such an accident: Nil
10. Does your facility have an Emergency Control policy? If yes give details: Yes, MGH has separate policy of spill management & needle stick injuries.

Date : 05.01.2023

Place : Jaipur


Dr. A.K. Sharma
Registrar

Month Wise statment of Bio Medical Waste – 2022					
(January to December 2022)					
DATE	RED	YELLOW	BLUE	WHITE	TOTAL
January	5014.35	4579.7	1277.9	95.93	10967.88
February	4781.6	4844.58	1253.63	74.84	10954.65
March	5750.18	5055.26	1287.3	86.55	12179.29
April	5819.74	5276.52	1398.85	105.41	12600.52
May	5442.27	5647.19	1351.21	91.49	12532.16
June	5361.28	5801.81	1280.97	84.01	12528.07
July	5561.25	5847.99	1342.17	80.12	12831.53
August	5341.01	5506.23	1224.78	88.65	12160.67
September	5297.41	5488.8	1166.07	90.96	12043.24
October	5231.8	5484.55	1190.04	79.91	11986.3
November	4987.79	5201.33	1146.25	68.02	11403.39
December	5327.54	5459.45	1162.33	78.27	12027.59
TOTAL	63916.22	64193.41	15081.5	1024.16	144215.29
Average/Month	5326.35	5349.45	1256.79	85.35	12017.94
Handover By		Received By		Authrised Sing.	
				 Subodh Beaspal General Manager Hospital Operation's MGUMST	

Subodh Beaspal
General Manager
Hospital Operation's
MGUMST

Subodh Beaspal
General Manager
Hospital Operation's
MGUMST

		Ash	N/A	N/A
		IPP Sludge		
	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of		Instromedix India Private Limited, Jaipur	
	(vii) List of member HCF not handed over bio-medical waste.		N/A	
6	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period		YES, Minutes of Meeting attached	
7	Details trainings conducted on BMW			
	(i) Number of trainings conducted on BMW Management.		12	
	(ii) number of personnel trained		Almost all	
	(iii) number of personnel trained at the time of induction		All	
	(iv) number of personnel not undergone any training so far		NIL	
	(v) whether standard manual for training is available?		YES	
	(vi) any other information		--	
8	Details of the accident occurred during the year		No	
	(i) Number of Accidents occurred			
	(ii) Number of the persons affected			
	(iii) Remedial Action taken (Please attach details if any)			
	(iv) Any Fatality occurred, details			
9	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met the standards?		N/A	
	Details of Continuous online emission monitoring systems installed		N/A	
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?		We are following the guidelines	
11	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?			
12	Any other relevant information		(Air Pollution Control Devices attached with the Incinerator) : N/A	

Certified that the above report is for the period from 01.01.2022 to 31.12/2022

Date:

Place: Jaipur

(Dr. A.K. Sharma)
Registrar

(iv) Quantity of biomedical waste treated or disposed by CBMWTF	:	N/A																																																
4 Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	:	Yellow Category : 5349.45 Kg																																																
	:	Red Category : 5326.35 Kg																																																
	:	White Category : 85.35 Kg																																																
	:	Blue Category : 1256.79 Kg																																																
	:	General Solid waste : - Sent to Municipal Depo																																																
5 Details of the Storage, treatment, transportation, processing and Disposal Facility																																																		
(i) Details of the on-site storage facility	:	Size : N/A																																																
	:	Capacity : N/A																																																
	:	Provision of on-site storage : (cold storage or any other provision)																																																
(ii) Disposal facilities	:	<table border="1"> <thead> <tr> <th>Type of treatment</th> <th>No of units</th> <th>Capacity Kg/day</th> <th>Quantity treated or disposed in kg per annum</th> </tr> </thead> <tbody> <tr> <td>Incinerators</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Plasma Pyrolysis</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Autoclaves</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Microwave</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Hydroclave</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Shredder</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Needle tip cutter or destroyer</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Sharps encapsulation or concrete pit</td> <td></td> <td></td> <td>N/A</td> </tr> <tr> <td>Deep burial pits:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Chemical disinfection :</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Any other treatment equipment :</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Type of treatment	No of units	Capacity Kg/day	Quantity treated or disposed in kg per annum	Incinerators				Plasma Pyrolysis				Autoclaves				Microwave				Hydroclave				Shredder				Needle tip cutter or destroyer				Sharps encapsulation or concrete pit			N/A	Deep burial pits:				Chemical disinfection :				Any other treatment equipment :			
Type of treatment	No of units	Capacity Kg/day	Quantity treated or disposed in kg per annum																																															
Incinerators																																																		
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Hydroclave																																																		
Shredder																																																		
Needle tip cutter or destroyer																																																		
Sharps encapsulation or concrete pit			N/A																																															
Deep burial pits:																																																		
Chemical disinfection :																																																		
Any other treatment equipment :																																																		
(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum	:	Red Category (like plastic, glass etc.)																																																
(iv) No of vehicles used for collection and transportation of biomedical waste	:	N/A																																																
(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum	:	N/A																																																

Incineration

Quantity generated

Where disposed

[Signature]

[Stamp]
 K. J. Somaiya Institute of
 Health Sciences & Technology
 Sion, Mumbai-400 022

Form - IV
(See rule 13)
ANNUAL REPORT

[To be submitted to the prescribed authority on or before 30th June every year for the period from January to December of the preceding year, by the occupier of health care facility (HCF) or common bio-medical waste treatment facility (CBWTF)]

S. No.	Particulars	
1	Particulars of the Occupier	
	(i) Name of the authorised person (occupier of facility)	Dr. A.K. Sharma Registrar
	(ii) Name of HCF	Mahatma Gandhi Hospital, Jaipur
	(iii) Address for Correspondence	RIICO Institutional Area, Sitapura, Jaipur - 302022
	(iv) Address of Facility	Instromedix India Pvt. Ltd. Gram Khori Ropara, Tehsil Sanganer, District Jaipur 0141-2700780, 27112232 0141-2771777, 2771001-3
	(v) Tel. No, Fax, No	
	(vi) E-mail ID	additionalmsmgh@gmail.com
	(vii) URL of Website	N/A
	(viii) GPS coordinates of HCF or CBMWTF	N/A
	(ix) Ownership of HCF	PRIVATE (A Unit of MGUMST, Sitapura, Jaipur)
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	Authorisation No.: BMW/2018-2019/BMW/BMW/27 valid up to 30.09.2023 (1050 beds)
	(xi). Status of Consents under Water Act and Air Act	Authorisation No.: BMW/2020-2021/BMW/BMW/12 valid up to 30.09.2024 (400 beds) Valid up to: 30.09.2023 Valid up to: 30.09.2024
2	Type of Health Care Facility	
	(i) Bedded Hospital	No. of Beds: 1450
	(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	N/A
	(iii) License number and its date of expiry	N/A
3	Details of CBMWTF	
	(i) Number healthcare facilities covered by CBMWTF	Instromedix India Pvt. Ltd., Jaipur N/A
	(ii) No of beds covered by CBMWTF	N/A
	(iii) Installed treatment and disposal capacity of CBMWTF	N/A


 REGISTRAR
 Mahatma Gandhi University of
 Medical Sciences & Technology
 Sitapura, JAIPUR-302 022



Mahatma Gandhi Medical College & Hospital

MAHATMA GANDHI UNIVERSITY OF MEDICAL SCIENCES & TECHNOLOGY, JAIPUR
(Sponsoring Body : India Education Trust)

RIICO Institutional Area, Sitapura, Tonk Road, JAIPUR - 302 022 (Raj.) INDIA
Phone : 0141-2770677, 2770798, 2771777, 2771991-3 • Fax : 0141-2770677
Website : www.mgmch.org • email : principal.medical@mgmch.org

Date:- 05/April/2022

Minutes of Meeting

Biomedical Waste Management Committee

A meeting of Biomedical waste Management committee of Mahatma Gandhi Medical Hospital, Jaipur was held on 05 April 2022 attended by following:-

- | | |
|-----------------------|--|
| 1. Dr. R.C Gupta | Medical Superintendent (Chairman) |
| 2. Dr. Mohit Agarwal | Infection Control Officer (Member Secretary) |
| 3. Dr. Arvind Vijay | Addl. Med. Superintendent (Member) |
| 4. Mr. Subodh Beaspal | Gen. Manager Operations (Member) |
| 5. Mr. Radheyshyam | Chief Nursing Superintendent (Member) |

Following points were discussed:

1. Proper segregation of Biomedical Waste
It was emphasized that all staff should be instructed to segregate biomedical waste and dispose it in specified colour coded bin as per BMW guidelines.
2. Biomedical waste management training
It was emphasized that continues training should be arranged for all staff (Doctors, Resident, Nurse, Housekeeping staff).

The meeting ended with vote of thanks.

Principal
Mahatma Gandhi University of
Medical Sciences & Technology
Sitapura, JAIPUR-302 022

(Dr. R.C. Gupta)
Medical Superintendent
(Chairman)

Dr. R.C. Gupta
Infection Control Officer
Addl. Med. Superintendent
Gen. Manager Operations
Chief Nursing Superintendent



Mahatma Gandhi Medical College & Hospital

MAHATMA GANDHI UNIVERSITY OF MEDICAL SCIENCES & TECHNOLOGY, JAIPUR
(Sponsoring Body : India Education Trust)

RICO Institutional Area, Sitapura, Tonk Road, JAIPUR - 302 022 (Raj.) INDIA
Phone : 0141-2770677, 2770798, 2771777, 2771001-3 • Fax : 0141-2770677
Website : www.mgmch.org • email : principal.medical@mgmch.org

Date:- 12/Sept./2022

Minutes of Meeting

Biomedical Waste Management Committee

A meeting of Biomedical waste Management committee of Mahatma Gandhi Medical Hospital, Jaipur was held on 12 Sept. 2022 attended by following:-


- | | |
|-----------------------|--|
| 1. Dr. R.C Gupta | Medical Superintendent (Chairman) |
| 2. Dr. Mohit Agarwal | Infection Control Officer (Member Secretary) |
| 3. Dr. Arvind Vijay | Addl. Med. Superintendent (Member) |
| 4. Mr. Subodh Beaspal | Gen. Manager Operations (Member) |
| 5. Mr. Radheyshyam | Chief Nursing Superintendent (Member) |

Following points were discussed:

1. Proper segregation of Biomedical Waste
It was emphasized that all staff should be instructed to segregate biomedical waste and dispose it in specified colour coded bin as per BMW guidelines.
2. Biomedical waste management training
It was emphasized that continues training should be arranged for all staff (Doctors, Resident, Nurse, Housekeeping staff). All new staff should be given BMW training during induction training program.

The meeting ended with vote of thanks.


Mahatma Gandhi University of
Medical Sciences & Technology
Sitapura, Jaipur-302022


(Dr. R.C. Gupta)
Medical Superintendent
(Chairman)

Dr. R.C. Gupta
Medical Superintendent
Sitapura, Jaipur-302022

Project : Environment Audit for Mahatma Gandhi University of Medical Sciences & Technology

Promoter : Mahatma Gandhi Medical College & Hospital

ANNEXURE IX

Agreement with CBWTF for waste disposal

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राजस्थान RAJASTHAN

BF 923479

CONTRACTUAL AGREEMENT
[2023-2024]

UNIT ID NO.	BMW-	23-24
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This Agreement is entered into on this Day of at Jaipur

BY AND BETWEEN

Instronix Waste Management Pvt Ltd., having its registered office at A5-A6, Pragati Chambers, Ranjit Nagar Commercial Complex, New Delhi - 11 00 08. And its city office at 402, 4th Floor, Gaurav Tower Malviya Nagar Jaipur 302017 (Hereinafter referred to as "Boot Operator", which expression shall, unless contrary to and or repugnant to the context mean and include its successors, representatives and permitted assigns) through **Mr. S K Choudhary** (Manager Operation) who has been duly authorized by the Management to enter into and sign this Agreement for and on behalf of the Boot Operator of the One Part.

AND

Mahatma Gandhi University of Medical Sciences & Technology, Mahatma Gandhi Hospital (Hereinafter referred to as "Waste Generator", which expression shall, unless contrary to and or repugnant to the context mean and include its successors, representatives and permitted assigns) through **Dr. A. K. Sharma** of the Other Part.

WHEREAS

1. The Boot Operator has been selected and duly authorized by the Rajasthan State Pollution Control Board (RSPCB) under Rule 8(4) of the Bio-Medical Waste Rules, 2016, for undertaking the activity of Collection, Reception, Treatment, Storage, Transportation and Disposal of Bio-Medical Wastes.
2. The Boot Operator has been contracted by the Jaipur Municipal Corporation to install, maintain & operate the Incinerator, Autoclave, Shredder, Effluent Treatment Plant and Chemical Disinfection unit at Village-Khor-Ropara in Tehsil Sanganer of district Jaipur, for the service of Private, Public and Govt. sector healthcare units.
3. The Waste Generator is desirous of out-sourcing the disposal of its biomedical waste and has approached the Service Provider for its services in this connection.

NOW THIS AGREEMENT witnessed the following terms and conditions to be performed by both the parties to the agreement.

1. The Waste Generator will have to ensure proper segregation and arrange collection of only Biomedical Waste generated from its various departments and wards, as per the guidelines of the Bio-Medical Waste Rules, 2016. (Segregation as per details annexed).
2. The Waste Generator will pack the waste at the collection end point, in Color-coded Bags as per the Bio-Medical Waste Rules 2016 and keep it ready for the collection by the Boot Operator's Collection Staff on any time which may be mutually agreed upon.

REGISTRAR
Mahatma Gandhi University of
Medical Sciences & Technology
Sanganer, JAIPUR-302 022

S. K. Choudhary
(Manager Operation)

- Contd. 2 -

3. The Waste Generator undertakes to deliver to the Boot Operator only the biomedical waste generated on daily basis. General Waste i.e. Municipal Solid Waste is not to be put into the Boot Operators Bags at all. For any violation of the Bio-Medical Rules in this regard the Waste Generator shall be exclusively responsible.
4. The Boot Operator will require the Waste Generator's staff to sign its Daily Route Chart in acknowledgement of biomedical waste handed over. The Boot Operator's staff will sign the Register to be maintained by the Waste Generator in acknowledgement of waste collected. Maintenance of the said Register by the Waste Generator is a statutory requirement and has to be complied with.
5. The Boot Operator reserve the right of refusal to accept Non-Segregated waste, torn off bags or bags not properly sealed or labeled.
6. The Boot Operator hereby agrees to indemnify and keep the Waste Generator harmless and indemnified from and against all and any damages, penalties, fines, that may be initiated by third parties and or by the appropriate authority under the Bio Medical Waste Rules 2016 arising out of or in connection with the failure, refusal and neglect on the part of the Boot Operator to comply with the provisions of the Bio Medical Waste Rules 2016 during transportation and disposal of the Biomedical waste.
7. The Waste Generator declares to have ...1450.. Number of beds in his unit. The Boot Operator will charge RS. ...4194850/-00 (Rupees:) per Month/Year to the Waste Generator for the waste collected during every month.
(HCF GST No.)

Service Charges:

Sr. No.	Particulars	Monthly	Yearly (Advance)
1.	Hospital/ Nursing Home	Rs. 8.57/Bed/Day	2893/- per Bed/Year
	(Minimum charges up to 8 Beds)	Rs. 2089/- per Month	Rs. 23159/- per Year
2.	Labs/Blood Bank/Diagnostic	Rs. 3216/- per Month	Rs. 35368/- per Year
3.	Dispensaries	Rs. 2357/- per Month	Rs. 25724/- per Year
4.	Clinic	Rs. 1819/- per Month	Rs. 19294/- per Year
5.	Veterinary Dispensaries	Rs. 4287/- per Month	Rs. 47158/- per Year
6.	Veterinary Hospitals/ Biological Units	Rs. 32154/- per Month	

(GST @ 12% Extra)

8. The Waste Generator undertakes to pay Service Bill either through Bank Demand draft / or Post Dated Cheques in advance by 7th of every month. Interest @ 18% P.A. would be charged if payment of Bills is delayed beyond the given period.
9. For the time being we are renewing the contract without any enhancement in our service charges with a condition to revise the charges as and when we get the approval from Association/ Jaipur Municipal Corporation and such revision will have retrospective effect based upon the approval from Competent Authority.
10. The term of this Agreement shall be for one financial year commencing from 01/04/2023 and terminating on 31/03/2024 The Agreement will be renewed every fiscal year on the basis of upgraded/ existing bed capacity. & rates as per the LOI of Jaipur Municipal Corporation
11. Payment Received through Cash/ Cheque No. _____ Dated _____ Drawn On _____

NOTWITHSTANDING THE AFORESAID TERM:

12. Notwithstanding the aforesaid term, the Boot Operator may terminate this Agreement by giving 30 days written notice or in the event the Waste Generator does not pay the service charges.
13. Neither party shall transfer and / or assign the rights granted under this Agreement without the prior intimation to and permission of the other party without obtaining a written consent by the proposed assignee/ transferee agreeing to assume all the said party's obligations under this Agreement and to abide by all the obligations and covenants contained herein.

REGISTRAR
Mahatma Gandhi University of
Medical Sciences & Technology
Sitapura, JAIPUR-302 022

S. K. Choudhary
(Manager Operation)

-III-

14. No change or modification or waiver of any of the terms of this Agreement shall be effective unless agreed to in writing and signed by a duly authorized officer of each of the parties hereto.
15. This Agreement shall be governed by the laws of India and shall be interpreted and construed in accordance with the laws of India and the Courts at Jaipur alone shall have exclusive jurisdiction to try, entertain and dispose of any dispute between the parties hereto.
16. All notices, requests, demands and other communications required/ permitted to be given under this Agreement shall be in writing, quoting your Customer ID No. and delivered by hand against receipt or sent by registered mail, Telex or by E-mail at the following address.
17. Bar Code Registration Number:

**WASTE GENERATOR'S FULL ADDRESS
WITH CONTACT TEL. NUM. & E-MAIL ADDRESS:**

Mahatma Gandhi University Of Medical Sciences & Technology,
Mahatma Gandhi Hospital
RIICO INDUSTRIAL AREA
SITAPURA
JAIPUR
Phone No 0141-
e-mail:
Route Chart No.


BOOT OPERATOR:

INSTROMEDIX WASTE MANAGEMENT PRIVATE LIMITED
402, 4 TH FLOOR, GAURAV TOWER
MALVIYA NAGAR JAIPUR 302017
PHONE: 9772-123-777
e-mail: iipl.jpr@instromedix.net

Any such notice or communication shall be deemed to have been duly given and served at the date and time of (i) delivery or of first refusal of delivery, if sent by registered mail or delivered by hand; or (ii) either the date sent (if sent during the receiving party's normal business hours) or next succeeding business day, if sent by telex or E-mail.

**IN WITNESS WHEREOF, THE PARTIES HERETO HAVE SET THEIR HAND AND SEAL
THE DAY, MONTH AND YEAR FIRST ABOVE WRITTEN.**

**Note:- Statutory Charges Would be applied extra as per the Govt. Notifications
Prevailing Rate/s time to time.**


REGISTRAR
Mahatma Gandhi University of
Medical Sciences
WASTE GENERATOR
(Name & Designation Seal/ Stamp)

For Instromedix Waste Management Pvt. Ltd.

SK Choudhary
(Manager, Operation)
INSTROMEDIX WASTE MANAGEMENT PVT LTD
(Name & Designation Seal/ Stamp)

भारतीय गैर न्यायिक

पचास

FIFTY

रुपये

RUPEES

रु. 50

Rs. 50

INDIA

INDIA NON JUDICIAL

राजस्थान RAJASTHAN

AY 1554-2

CONTRACTUAL AGREEMENT

[2022-2023]

UNIT ID NO. BMW- 22-23

This Agreement is entered into on this Day of at Jaipur

BY AND BETWEEN

Instromedix Waste Management Pvt Ltd., having its registered office at A5-A6, Pragati Chambers, Ranjit Nagar Commercial Complex, New Delhi 11 00 08 And its city office at 402, 4th Floor, Gaurav Tower Malviya Nagar Jaipur 302017 (Hereinafter referred to as "Boot Operator", which expression shall, unless contrary to and or repugnant to the context mean and include its successors, representatives and permitted assigns) through **Mr. S.K Choudhary** (Manager Operation) who has been duly authorized by the Management to enter into and sign this Agreement for and on behalf of the Boot Operator of the One Part.

AND

Mahatma Gandhi University of Medical Sciences & Technology Hospital (Hereinafter referred to as "Waste Generator", which expression shall, unless contrary to and or repugnant to the context mean and include its successors, representatives and permitted assigns) through **Registrar Dr A K Sharma** of the Other Part.

WHEREAS

1. The Boot Operator has been selected and duly authorized by the Rajasthan State Pollution Control Board (RSPCB) under Rule 8(4) of the Bio-Medical Waste Rules, 2016, for undertaking the activity of Collection, Reception, Treatment, Storage, Transportation and Disposal of Bio-Medical Wastes.
2. The Boot Operator has been contracted by the Jaipur Municipal Corporation to install, maintain & operate the Incinerator, Autoclave, Shredder, Effluent Treatment Plant and Chemical Disinfection unit at Village-Khori-Ropara in Tehsil Sanganer of district Jaipur, for the service of Private, Public and Govt. sector healthcare units.
3. The Waste Generator is desirous of out-sourcing the disposal of its biomedical waste and has approached the Service Provider for its services in this connection.

NOW THIS AGREEMENT witnessed the following terms and conditions to be performed by both the parties to the agreement

1. The Waste Generator will have to ensure proper segregation and arrange collection of only Biomedical Waste generated from its various departments and wards, as per the guidelines of the Bio-Medical Waste Rules, 2016. (Segregation as per item is annexed)
2. The Waste Generator will pack the waste at the collection end point, in Color-coded Bags as per the Schedule IV (Rule 6) of the Bio Medical Waste Rules 2016 and keep it ready for the collection by the Boot Operator's Collection Staff on any time which may be mutually agreed upon.

For Instromedix Waste Management Pvt Ltd. (Annex 2 -

S.K. CHAUDHARY
Authorized Signatory

3. The Waste Generator undertakes to deliver to the Boot Operator only the biomedical waste generated on daily basis. General Waste i.e. Municipal Solid Waste is not to be put into the Boot Operators Bags at all. For any violation of the Bio-Medical Rules in this regard the Waste Generator shall be exclusively responsible.
4. The Boot Operator will require the Waste Generator's staff to sign its Daily Route Chart in acknowledgement of biomedical waste handed over. The Boot Operator's staff will sign the Register to be maintained by the Waste Generator in acknowledgement of waste collected. Maintenance of the said Register by the Waste Generator is a statutory requirement and has to be complied with.
5. The Boot Operator reserve the right of refusal to accept Non-Segregated waste, torn off bags or bags not properly sealed or labeled.
6. The Boot Operator hereby agrees to indemnify and keep the Waste Generator harmless and indemnified from and against all and any damages, penalties, fines, that may be initiated by third parties and or by the appropriate authority under the Bio Medical Waste Rules 2016 arising out of or in connection with the failure, refusal and neglect on the part of the Boot Operator to comply with the provisions of the Bio Medical Waste Rules 2016 during transportation and disposal of the Biomedical waste.
7. The Waste Generator declares to have 1450 Number of Beds/units unit. The Boot Operator will charge RS. 38,322.65/- (Rupees) per Month/Year to the Waste Generator for the waste collected during every month.
Service Charges:

Sr. No.	Particulars	Monthly	Yearly (Advance)
1.	Hospital/ Nursing Home (Minimum charges up to 8 Beds)	Rs. 7.90/Bed/Day Rs. 1922/- per Month	2708/- per Bed/Year Rs. 21665/- per Year
2.	Labs/Blood Bank/Diagnostic	Rs. 3158/- per Month	Rs. 33500/- per Year
3.	Dispensaries	Rs. 2357/- per Month	Rs. 25724/- per Year
4.	Clinic	Rs. 1786/- per Month	Rs. 18400/- per Year
5.	Veterinary Dispensaries	Rs. 4287/- per Month	Rs. 47158/- per Year
6.	Veterinary Hospitals/ Biological Units	Rs. 32154/- per Month	

8. The Waste Generator undertakes to pay Service Bill either through Bank Demand draft / or Post Dated Cheques in advance by 7th of every month. Interest @ 18% P.A. would be charged if payment of Bills is delayed beyond the given period.
9. For the time being we are renewing the contract without any enhancement in our service charges with a condition to revise the charges as and when we get the approval from Association/ Jaipur Municipal Corporation and such revision will have retrospective effect based upon the approval from Competent Authority.
10. The term of this Agreement shall be for one financial year commencing from 01/04/2022 and terminating on 31/03/2023 The Agreement will be renewed every fiscal year on the basis of upgraded/ existing bed capacity. & rates as per the LOI of Jaipur Municipal Corporation

11. Payment Received through Cash/ Cheque No. _____ Dated _____ Drawn On _____

NOTWITHSTANDING THE AFORESAID TERM:

12. Notwithstanding the aforesaid term, the Boot Operator may terminate this Agreement by giving 30 days written notice or in the event the Waste Generator does not pay the service charges.
13. Neither party shall transfer and / or assign the rights granted under this Agreement without the prior permission to and permission of the other party without obtaining a written undertaking by the proposed assignee/ transferee agreeing to assume all of the said party's obligations under this Agreement and to abide by all the obligations and covenants contained herein.
14. No change or modification or waiver of any of the terms of this Agreement shall be effective unless agreed to in writing and signed by a duly authorized officer of each of the parties hereto.

15. This Agreement shall be governed by the laws of India and shall be interpreted and construed in accordance with the laws of India and the Courts at Jaipur alone shall have exclusive jurisdiction to try, entertain and dispose of any dispute between the parties hereto.
16. All notices, requests, demands and other communications required/ permitted to be given under this Agreement shall be in writing, quoting your Customer ID No. and delivered by hand against receipt or sent by registered mail, Telex or by E-mail at the following address.
17. Bar Code Registration Number:

**WASTE GENERATOR'S FULL ADDRESS
WITH CONTACT TEL. NUM. & E-MAIL ADDRESS:**

MAHATMA GANDHI UNIVERISTY OF MEDICAL SCIENCES & TECHNOLOGY
RIICO INSTITUTIONAL AREA
SITAPURA
JAIPUR
Phone No 0141-2771777
e-mail:
Route Chart No.

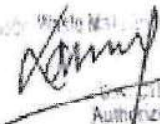
BOOT OPERATOR:

INSTROMEDIX WASTE MANAGEMENT PRIVATE LIMITED
402, 4 TH FLOOR, GAURAV TOWER
MALVIYA NAGAR JAIPUR 302017
PHONE: 9772-123-777
e-mail: tipljpr@instromedix.net

Any such notice or communication shall be deemed to have been duly given and served at the date and time of (i) delivery or of first refusal of delivery, if sent by registered mail or delivered by hand; or (ii) either the date sent (if sent during the receiving party's normal business hours) or next succeeding business day, if sent by telex or E-mail.

**IN WITNESS WHEREOF, THE PARTIES HERETO HAVE SET THEIR HAND AND SEAL
THE DAY, MONTH AND YEAR FIRST ABOVE WRITTEN.**


REGISTRAR
Mahatma Gandhi University of
Medical Sciences & Technology
Jaipur, J.A. District


Authorized Signatory

INSTROMEDIX WASTE MANAGEMENT PVT LTD

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

Project : Environment Audit for Mahatma Gandhi University of Medical Sciences & Technology
Promoter : Mahatma Gandhi Medical College & Hospital

ANNEXURE X

Certificate for non- chlorinated bags with tax invoice

सिपेट : सेंटर फॉर स्किलिंग एण्ड टेक्निकल सपोर्ट (सी एस टी एस)

रसायन एवं पेट्रोरसायन विभाग,
रसायन एवं सर्वरक्षक मंत्रालय, भारत सरकार
एन. पी-1298, सीतापुरा औद्योगिक क्षेत्र,
फेज-III, टांक रोड, जयपुर-302 022
फोन : +91-141-2770264 / 65 / 66, 2770664
फैक्स : +91-141-2770736
ई-मेल : jaipur@cipet.gov.in ; cipetjaipur@gmail.com
वेबसाइट : www.cipet.gov.in
मुख्यालय : सिविल, मिश्री, बैनार्ड-600 632



CIPET डि. व. ट.



CIPET : CENTRE FOR SKILLING AND
TECHNICAL SUPPORT (CSTS)

Department of Chemicals & Petrochemicals
Ministry of Chemicals & Fertilizers, Govt. of India
SP-1298, Sitapura Industrial Area,
Phase-III, Tonk Road, Jaipur-302 022
Ph : +91-141-2770264/65/66, 2770664
Fax : +91-141-2770736
e-mail : jaipur@cipet.gov.in; cipetjaipur@gmail.com
website : www.cipet.gov.in
Head Office : CIPET, Guindy, Chennai-600 032

TEST REPORT NO. : 572(a)
Dated : 01.09.2020

PART - C
TEST RESULTS

Sample: Biodegradable Plastic Garbage Bag, Red Colour (As stated by Party)

| S. No. | Clause | Name of the Test | Test Method | Unit | Specified Requirement | Test Value |
|--------|--------|------------------|--------------------------------|------|-----------------------|--------------------------------|
| 01. | --- | Thickness | SOP by digital Thickness gauge | µm | --- | 54, 50, 53, 55, 53 = (Avg.) 53 |
| 02. | --- | Colour (Visual) | SOP | --- | --- | Sample is Red in colour |

PART - D:

REMARKS : NIL

NOTE :

1. This Test Report / Certificate is issued only for the samples submitted to CIPET.
2. The results stated above related only to the items tested.
3. The quality of the subsequent production lot has to be ensured by the purchaser.
4. Any discrepancy in this report shall be brought to the notice of CIPET, CSTS-Jaipur within 30 days from the date of issue.

Swarnalata Sahoo
Dr. Swarnalata Sahoo (Technical Manager)
AUTHORIZED SIGNATORY



Dr. Syed Amanulla
Director & Head
Page 2 of 2

**सिपेट : सेंटर फॉर स्किलिंग एण्ड
टेक्निकल सपोर्ट (सी एस टी एस)**

रसायन एवं पेट्रोकेमिकल विभाग,
रसायन एवं उर्वरक मंत्रालय, भारत सरकार
एस. पी.-1296, सितपुरा औद्योगिक क्षेत्र,
फेज-III, टोंक रोड, जयपुर-302 022
फोन : +91-141-2770264/65/66, 2770664
फैक्स : +91-141-2770736
ई-मेल : jaipur@cipet.gov.in; cipetjaipur@gmail.com
वेबसाइट : www.cipet.gov.in
मुख्यालय : सिपेट, गिन्दी, चेन्नई-600 032



CIPET सि पी टि
प्रज्ञा, पर्यावरण, प्रशिक्षण, प्रगति



**CIPET : CENTRE FOR SKILLING AND
TECHNICAL SUPPORT (CSTS)**

Department of Chemicals & Petrochemicals
Ministry of Chemicals & Fertilizers, Govt. of India
SP-1296, Sitapura Industrial Area,
Phase-III, Tonk Road, Jaipur-302 022
Ph. : +91-141-2770264/65/66, 2770664
Fax : +91-141 2770736
E-mail : jaipur@cipet.gov.in; cipetjaipur@gmail.com
website : www.cipet.gov.in
Head Office : CIPET, Guindy, Chennai-600 032

PLASTICS TESTING CENTRE

TEST CERTIFICATE

Issued to:

**M/s. ACE Flexi Pack (P) Ltd.,
G-180, Road No. 6,
Heerawala Industrial Area, Kanota,
Jaipur-303012 (Rajasthan).**

TEST REPORT NO. : 572(a)

Dated : 01.09.2020

Your Ref. No. & Dated : -, Dated 25.08.2020

W.O. No. : 480

Test Report as per Standard: As Per PART "C"

| PART - A | |
|---|---|
| PARTICULARS OF SAMPLE SUBMITTED BY PARTY | |
| a) Name of Sample | : Biodegradable Plastic Garbage Bag
(As stated by Party) |
| b) Grade/Variety/Type/Size/Class | : Red Colour |
| c) Declared Value, if any | : NIL |
| d) Code No. | : NIL |
| e) Batch No. and Date of Manufacturing | : NIL |
| f) Quantity | : 01 No. |
| g) Mode of Packing | : NIL |
| h) Sealed or not | : NIL |
| i) Date of Receipt | : 28.08.2020 |
| j) Date of completion | : 01.09.2020 |
| k) Any other information | : NIL |

| PART - B | |
|----------------------------------|--|
| SUPPLEMENTARY INFORMATION | |
| i. | Reference to sampling procedure : NIL |
| ii. | Supporting documents for the measurement taken and result derived : NIL |
| iii. | Deviation from the test method as prescribed in relevant work instruction if any : NIL |

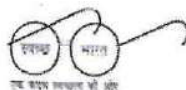
Page 1 of 2

Swarnata Sehra

केन्द्र : अहमदाबाद, अमृतसर, औरंगाबाद, अगरतला, बड़ौदा, बालासोर, बेगलूर, भोपाल, भुवनेश्वर, बेंगलूर, चेन्नई, देहरादून, गुवाहाटी, गुरुग्राम, ग्वाल्तर, हैदराबाद, हाजीपुर, इंदौर,
इम्फाल, जयपुर, कोल्हा, लखनऊ, मदुरै, मुम्बई, मैसूर, रायपुर, राँची, बलसोड एवं विजयवाड़ा

Centres : Ahmedabad, Amritsar, Aurangabad, Aizawl, Baddi, Balasore, Baramulla, Bhopal, Bhubaneswar, Chandigarh, Chennai, Dehra Dun, Dispur, Gurgaon, Guwahati, Gwalior, Hyderabad, Hazratnagar, Indore, Imphal, Jaipur, Kohla, Lucknow, Madurai, Mumbai, Mysore, Raipur, Ranchi, Balasore and Vijayawada

रसायन एवं पेट्रो रसायन विभाग,
रसायन एवं उर्वरक मंत्रालय, भारत सरकार
एन. पी.-1296, सीतापुरा औद्योगिक क्षेत्र,
फेज-III, लोक सोड, जयपुर-302 022
फोन : +91-141-2770264 / 85 / 86, 2770664
फैक्स : +91-141-2770736
ई-मेल : jaipur@cpet.gov.in; cpetjaipur@gmail.com
वेबसाईट : www.cpet.gov.in
मुख्यालय : सिमेट, गिन्धी, बिलाई-600 032



Department of Chemicals & Petrochemicals
Ministry of Chemicals & Fertilizers, Govt. of India
SP-1298, Sitapura Industrial Area,
Phase-III, Tonk Road, Jaipur-302 022
Ph. : +91-141-2770264/65/66, 2770664
Fax : +91-141-2770736

E-mail : jaipur@cipet.gov.in; cipetjaipur@gmail.com
website : www.cipet.gov.in
Head Office : CIPET, Guindy, Chennai-600 032



Sample: Biodegradable Plastic Garbage Bag, Yellow Colour (As stated by Party)


| S. No. | Clause | Name of the Test | Test Method | Unit | Specified Requirement | Test Value |
|--------|--------|------------------|--------------------------------|------|-----------------------|--------------------------------|
| 01. | --- | Thickness | SOP by digital Thickness gauge | µm | --- | 52, 53, 52, 55, 53 = (Avg.) 53 |
| 02. | --- | Colour (Visual) | SOP | --- | --- | Sample is Yellow in colour |

REMARKS : NIL

1. This Test Report / Certificate is issued only for the samples submitted to CIPET.
2. The results stated above related only to the items tested.
3. The quality of the subsequent production lot has to be ensured by the purchaser.
4. Any discrepancy in this report shall be brought to the notice of CIPET: CSTS-Jaipur within 30 days from the date of issue.

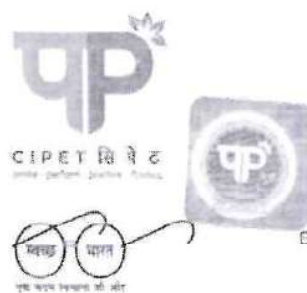
Dr. Swarnalata Sahoo (Technical Manager)
AUTHORIZED SIGNATORY




Dr. Syed Amanulla
Director & Head
Page 2 of 2

रसायन एवं पैट्रोरसायन विभाग,
रसायन एवं उर्वरक मंत्रालय, भारत सरकार
एस पी-1298, सीतापुत्र औद्योगिक क्षेत्र,
फेज-III, टोक रोड, जयपुर-302 022
फोन : +91-141-2770264 / 65 / 66, 2770666

फैक्स : +91-141 2770736
ई-मेल : jaipur@cpet.gov.in ; cpetjaipur@gmail.com
वेबसाईट : www.cpet.gov.in
मुख्यालय : सिपेट, गिण्डी, धनूई-600 032



Department of Chemicals & Petrochemicals
Ministry of Chemicals & Fertilizers, Govt. of India
SP-1296, Sitapura Industrial Area,
Phase-III, Tonk Road, Jaipur-302 022
Ph. : +91-141-2770264/65/66, 2770664
Fax : +91-141-2770736
e-mail : jaipur@cipet.gov.in; cipetjaipur@gmail.com
website : www.cipet.gov.in
Head Office : CIPET, Gundy, Chennai-600 032

TEST CERTIFICATE

**M/s. ACE Flexi Pack (P) Ltd.,
G-180, Road No. 6,
Heerawala Industrial Area, Kanota,
Jaipur-303012 (Rajasthan).**

TEST REPORT NO. : 572(d)
Dated : 01.09.2020

Your Ref. No. & Dated : --, Dated 25.08.2020
 W.O. No. : 480

Test Report as per Standard: **As Per PART "C"**

PARTICULARS OF SAMPLE SUBMITTED BY PARTY

- | | |
|--|---|
| a) Name of Sample | : Biodegradable Plastic Garbage Bag
(As stated by Party) |
| b) Grade/Variety/Type/Size/Class | : Yellow Colour |
| c) Declared Value, if any | : NIL |
| d) Code No. | : NIL |
| e) Batch No. and Date of Manufacturing | : NIL |
| f) Quantity | : 01 No. |
| g) Mode of Packing | : NIL |
| h) Sealed or not | : NIL |
| i) Date of Receipt | : 28.08.2020 |
| j) Date of completion | : 01.09.2020 |
| k) Any other information | : NIL |

SUPPLEMENTARY INFORMATION

- | | | |
|------|--|-------|
| i. | Reference to sampling procedure | : NIL |
| ii. | Supporting documents for the measurement taken and result derived | : NIL |
| iii. | Deviation from the test method as prescribed in relevant work instruction if any | : NIL |

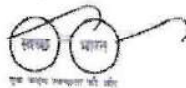
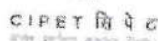
Page 1 of 2

Swarandhara Sahas

केन्द्र : अहमदाबाद, अमरावती, औरंगाबाद, अजमेर, बडोदा, बांलासी, बेगलूर, भोपाल, मुंबई, देहरादून, गुवाहाटी, मुरगांव, पानिपत, हैदराबाद, सांगली, इंदौर, दिल्ली, रायपुर, जयपुर, कोशी, लखनऊ, मदुरै, मुम्बई, मेरठ, रायपुर, रोही, वाराणसी एवं विज्ञानकेंद्र

Centres : Ahmedabad, Amrahat, Aurangabad, Aizawl, Badli, Balesar, Baranasi, Banar, Bhagalpur, Bhopal, Bikaner, Bongaigaon, Buxar, Chandigarh, Dehra Dun, Delhi, Durgam Chauraha, Faridkot, Gurgaon, Guwahati, Hyderabad, Jaipur, Jodhpur, Kanpur, Lucknow, Madurai, Meerut, Mumbai, Patna, Raipur, Rohtak, Varanasi & Vignana Kendras

सहायन एवं पीठोपस्थापन विभाग,
सहायन एवं पेश्वरक मंत्रालय, भारत सरकार
एल. पी.-1298, रीतापुरा औद्योगिक क्षेत्र,
फाँज-III, टोक रोड, जयपुर-302 022
फोन : +91-141-2770264 / 65 / 66, 2770664
फैक्स : +91-141-2770736
ई-मेल : jelpur@cpet.gov.in, cpel@japur@gmail.com
वेबसाईट : www.cpet.gov.in
मुख्यालय : सिपेट, गिन्डी, बेंगलूर-600 032



Department of Chemicals & Petrochemicals
Ministry of Chemicals & Fertilizers, Govt of India
SP-1298, Sitapura Industrial Area.
Phase-III, Tonk Road, Jaipur-302 022
Ph. : +91-141-2770264/65/66, 2770664
Fax : +91-141-2770736
e-mail : jaipur@cipet.gov.in; cipetjaipur@gmail.com
website : www.cipet.gov.in
Head Office : CIPET, Guindy, Chennai-600 032

Centres : Ahmedabad, Amritsar, Aurangabad, Aartala, Badli, Balasore, Baranahi, Bishal, Bhikannagar, Chanderpur, Chennai, Dahanu, Dehra Dun, Delhi, Dhule, Durgam Cheruvu, Gandhinagar, Gurgaon, Haryana, Hyderabad, Jaipur, Kanpur, Kharagpur, Kolkata, Lucknow, Madurai, Malabar, Marathwada, Meerut, Mumbai, Nagpur, Noida, Patna, Raigarh, Rajkot, Ranchi, Roorkee, Srinagar, Thane, Varanasi, Vellore, Warangal, Yamuna Nagar.

रसायन एवं पेट्रोसायन विभाग,
रसायन एवं पेट्रोलिक मंत्रालय, भारत सरकार
एस पी-1298, सीतापुर औद्योगिक क्षेत्र,
फेज-III, लोक रोड, जयपुर-302 022
फोन : +91-141-2770204 / 65 / 66, 2770664
फैक्स : +91-141-2770736
ई-मेल : jipur@cpet.gov.in; cpetjipur@gmail.com
वेबसाइट : www.cpet.gov.in
मंत्रालय : मिटल गिफ्टी, नैनार-600 032



Department of Chemicals & Petrochemicals
Ministry of Chemicals & Fertilizers, Govt. of India
SP-1296, Sitapura Industrial Area,
Phase-III, Tonk Road, Jaipur 302 022
Ph. : +91-141-2770264/65/66, 2770664
Fax : +91-141-2770736
-mail : jaipur@cpet.gov.in; cpetjaipur@gmail.com
website : www.cpet.gov.in
Head Office : CPET, Gundy, Chennai 600 032

TEST CERTIFICATE

TEST REPORT NO. : 572(c)
Dated : 01.09.2020

Test Report as per Standard: **As Per PART "C"**

PARTICULARS OF SAMPLE SUBMITTED BY PARTY

- | | |
|--|---|
| a) Name of Sample | : Biodegradable Plastic Garbage Bag
(As stated by Party) |
| b) Grade/Variety/Type/Size/Class | : Black Colour |
| c) Declared Value, if any | : NIL |
| d) Code No. | : NIL |
| e) Batch No. and Date of Manufacturing | : NIL |
| f) Quantity | : 01 No. |
| g) Mode of Packing | : NIL |
| h) Sealed or not | : NIL |
| i) Date of Receipt | : 28.08.2020 |
| j) Date of completion | : 01.09.2020 |
| k) Any other information | : NIL |

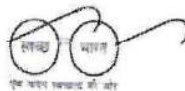
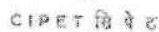
SUPPLEMENTARY INFORMATION

- | | | |
|------|--|-------|
| i. | Reference to sampling procedure | : NIL |
| ii. | Supporting documents for the measurement taken and result derived | : NIL |
| iii. | Deviation from the test method as prescribed in relevant work instruction if any | : NIL |

Page 1 of 2



रसायन एवं पैटेंट रसायन विभाग,
रसायन एवं सर्वरक मंत्रालय, भारत सरकार
एच. पी.-1298, सीतापुर औद्योगिक क्षेत्र,
फेज-III, टोक रोड, जयपुर-302 022
फ़ोन : 191-141-2770264 / 65 / 66, 2770664
फैक्स : 91-141-2770736
ई-मेल : japur@cipet.gov.in; cipetjapur@gmail.com
वेबसाइट : www.cipet.gov.in
मुख्यालय : सिपेट, पिण्डी, बैनार-600 032



Department of Chemicals & Petrochemicals
Ministry of Chemicals & Fertilizers, Govt. of India
SP-1298, Sitapura Industrial Area,
Phase-III, Turk Road, Jaipur-302 022
Ph. : +91-141-2770264/65/66, 2770664
Fax : +91-141-2770736
e-mail : jaipur@cipet.gov.in; cipetjaipur@gmail.com
website : www.cipet.gov.in
Head Office, CIPET, Gulindy, Chennai-600 032

केन्द्र : अहमदाबाद, अमृतसर, औरंगाबाद, अण्णरत्न, बरूरी, बालासोर, बेंगलूर, भोपाल, भुवनेश्वर, चंडूर, चेन्नई, देहरादून, गुवाहाटी, मुक्तभाऊ, म्हाविना, हैदराबाद, शांतीपुर, हरिद्वार, इलाहाबाद, जयपुर, कोयंबी, लखनऊ, मधुरा, मुम्बई, मैसूर, रायपुर, राँची, रत्नगिरि एवं विजापूर.

**सिपेट : सेन्टर फॉर स्किलिंग एण्ड
टेक्निकल सपोर्ट (सी एस टी एस)**

रसायन एवं पेट्रोकेमिकल विभाग,
रसायन एवं उर्वरक मंत्रालय, भारत सरकार
एच. पी.-1298, सीतापुर औद्योगिक क्षेत्र,
फेज-III, टोंक रोड, जयपुर-302 022
फोन : +91-141-2770264/65/66, 2770664
फैक्स : +91-141-2770736
ई-मेल : jaipur@cipet.gov.in; cipetjaipur@gmail.com
वेबसाइट : www.cipet.gov.in
मुख्यालय : सिपेट, गिणडी, चेन्नई-600 032



CIPET सि पेट
Centre for Skilling and Technical Support



**CIPET ; CENTRE FOR SKILLING AND
TECHNICAL SUPPORT (CSTS)**

Department of Chemicals & Petrochemicals
Ministry of Chemicals & Fertilizers, Govt. of India
SP-1298, Sitapura Industrial Area,
Phase-III, Tonk Road, Jaipur-302 022
Ph. : +91-141-2770264/65/66, 2770664
Fax : +91-141-2770736
E-mail : jaipur@cipet.gov.in; cipetjaipur@gmail.com
Head Office : Chennai-600 032
website : www.cipet.gov.in

PLASTICS TESTING CENTRE

TEST CERTIFICATE

Issued to:
M/s. ACE Flexi Pack (P) Ltd.,
G-180, Road No. 6,
Heerawala Industrial Area, Kanota,
Jaipur-303012 (Rajasthan).

TEST REPORT NO. : 572(b)
Dated : 01.09.2020

Your Ref. No. & Dated : --, Dated 25.08.2020
W.O. No. : 480

Test Report as per Standard: As Per PART "C"

| PART - A | | |
|---|---|--|
| PARTICULARS OF SAMPLE SUBMITTED BY PARTY | | |
| a) Name of Sample | : Biodegradable Plastic Garbage Bag
(As stated by Party) | |
| b) Grade/Variety/Type/Size/Class | : Blue Colour | |
| c) Declared Value, if any | : NIL | |
| d) Code No. | : NIL | |
| e) Batch No. and Date of Manufacturing | : NIL | |
| f) Quantity | : 01 No. | |
| g) Mode of Packing | : NIL | |
| h) Sealed or not | : NIL | |
| i) Date of Receipt | : 28.08.2020 | |
| j) Date of completion | : 01.09.2020 | |
| k) Any other information | : NIL | |

| PART - B | | |
|----------------------------------|--|-------|
| SUPPLEMENTARY INFORMATION | | |
| i. | Reference to sampling procedure | : NIL |
| ii. | Supporting documents for the measurement taken and result derived | : NIL |
| iii. | Deviation from the test method as prescribed in relevant work instruction if any | : NIL |

Page 1 of 2

Swaraj Sahas

केन्द्र : अहमदाबाद, अमृतसर, औरंगाबाद, अमरावती, बदायूँ, बालासोर, बैंगलूर, भोपाल, भुवनेश्वर, बिलासपुर, चेन्नई, देहरादून, गुवाहाटी, गुलामग, पालिघर, हैदराबाद, हाजीपुर, इन्दौर, इम्फाल, जयपुर, कोल्लो, लखनऊ, मदुरै, मुम्बई, मैसूर, रायपुर, राँची, रायचूर एवं विजयवाड़ा

Centres : Ahmedabad, Amritsar, Aurangabad, Amravati, Badayun, Balasore, Bangalore, Bhopal, Bhubaneswar, Bिलासपुर, Chennai, Dehradun, Guwahati, Gulamga, Palghat, Hyderabad, Haziipur, Indore, Imphal, Jaipur, Kolloli, Lucknow, Madurai, Mumbai, Mysore, Raipur, Ranchi, Rayachur and Vijayawada

Project : Environment Audit for Mahatma Gandhi University of Medical Sciences & Technology
Promoter : Mahatma Gandhi Medical College & Hospital

ANNEXURE XI

BMW Authorization letter

1. () 2. () 3. () 4. () 5. () 6. () 7. () 8. () 9. () 10. () 11. () 12. () 13. () 14. () 15. () 16. () 17. () 18. () 19. () 20. () 21. () 22. () 23. () 24. () 25. () 26. () 27. () 28. () 29. () 30. () 31. () 32. () 33. () 34. () 35. () 36. () 37. () 38. () 39. () 40. () 41. () 42. () 43. () 44. () 45. () 46. () 47. () 48. () 49. () 50. () 51. () 52. () 53. () 54. () 55. () 56. () 57. () 58. () 59. () 60. () 61. () 62. () 63. () 64. () 65. () 66. () 67. () 68. () 69. () 70. () 71. () 72. () 73. () 74. () 75. () 76. () 77. () 78. () 79. () 80. () 81. () 82. () 83. () 84. () 85. () 86. () 87. () 88. () 89. () 90. () 91. () 92. () 93. () 94. () 95. () 96. () 97. () 98. () 99. () 100. ()



RAJASTHAN STATE POLLUTION CONTROL BOARD
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 141-5159600 Fax: 0141-5159697

Registered



Annex XI

F(BMW)/Jaipur(Sanganer)/69(1)/2013-2014/1199-1201

Date: 11/06/2020

Unit Id : 1804

FORM IV
(SEE Rule 10 of BMW Rules, 2016)

(Authorization for operating a facility for Collection, Disposal, Generation, Reception, Recycling, Storage, Transport, Treatment of Biomedical Wastes)

- 1 Authorization Letter No. BMW/2020-2021/BMW/BMW/12.
- 2 Dr. R.C. Gupta, Addittional medical Superintendent of Mahatma Gandhi University of Medical Sci.& Technology(Mahatma Gandhi Hospital) is hereby granted an authorization under Rule 10 of Bio-Medical Waste (Management & Handling) Rules, 2016 (BMW Rules,2016) to operate a facility for Collection, Disposal, Generation, Reception, Recycling, Storage, Transport, Treatment of biomedical waste on the premisses situated at Sitapura, Jaipur, Tehsil Sanganer, District Jaipur.
- 3 This authorization shall be in force for a period from 17/10/2019 to 30/09/2024.
- 4 This authorization is valid for operation of the Hospital with 400 (four hundred) number of beds.
- 5 This authorization is subject to the conditions contained in enclosed annexure and to such other conditions/guidlines as may be specified under BMW Rules, 2016 by Central Pollution Control Board, Delhi or Ministry of Environment & Forests(MoEF), Government of India (GOI) or Department of Environment (DOE), Government of Rajasthan (GOR).
- 6 Segregation, packing, transportation, storage, treatment & disposal of bio medical waste shall be in accordance with Rule 7 & 8 of BMW Rules, 2016. The bio medical waste shall be disposed of at Common Biomedical Waste Treatment & Disposal Facility (CBMWTFD) established for the area viz M/s Instromedix India Pvt. Ltd.
- 7 The mercury bearing waste arising due to breakage of thermometers,pressure gauges and other instruments is not to be treated as bio-medical waste or other solid waste.The mercury bearing waste is to be segregated, collected , stored and disposed in accordance with the provisions of Hazardous Waste and other wastes (Management and Transboundary Movement) Rules, 2016.
- 8 The Annual report in accordance with Rule 13 for the period 1st January to 31st December of previous year shall be submitted On or before 30th June of every year in form - IV as prescribed in the Rules and the annual report shall also be made available on the web-site of the occupier. Further, all the health care facilities shall develop their website within two years from the date of notification of the BMW Rules,2016, in case not already developed.





RAJASTHAN STATE POLLUTION CONTROL BOARD
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 141-5159600 Fax: 0141-5159697

Registered

Date: 11/06/2020

F(BMW)/Jaipur(Sanganer)/69(1)/2013-2014/1199-1201

Unit Id : 1804

- 9 The hospital shall maintain the record of biomedical waste as per Rule 14 & shall be produced during the inspection.
- 10 That the hospital shall phase out use of chlorinated plastic bags, gloves and blood bags within two years from the date of notification of the BMW Rules, 2016.
- 11 That the hospital shall establish a Bar-Code System for bags or containers containing bio-medical waste to be sent out of the premises or place for any purpose within one years from the date of the notification of the BMW Rules, 2016.
- 12 That the hospital shall provide training to all its health care workers and others, involved in handing of bio-medical waste at the time of induction and thereafter at least once every year and the details of training programs conducted, number of personnel trained and number of personnel not undergone any training shall be provided in the Annual Report.
- 13 The application for renewal of authorization shall be submitted online in prescribed form along with requisite fee, affidavit, assessment format, annual report & copy of valid agreement with CBMWTDf at least 120 days before the date of expiry of this authorization.
- 14 In case of expansion in bed capacity or increase in pollution load, the hospital shall obtain prior Consent to Establish under Water (Prevention and Control of Pollution) Act, 1974, Air (Prevention and Control of Pollution) Act, 1981 & revised Authorization under BMW Rules, 2016.
- 15 That the hospital shall comply the provisions of Bio-medical Waste Management Rules, 2016.
- 16 That the hospital shall comply with the standards for treatment disposal of Bio-medical Waste as specified under schedule II of Bio-medical Waste Management Rules, 2016.
- 17 That infected hospital liquid waste must be given chemical treatment by using at least 10% hypochlorite solution or any other equivalent chemical reagent to ensure required disinfection as prescribed in part-2 of schedule-I of the Rules.

Signature valid
Date: 11/06/2020
Time: 10:30:30



RAJASTHAN STATE POLLUTION CONTROL BOARD
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 141-5159600 Fax: 0141-5159697

Registered

F(BMW)/Jaipur(Sanganer)/69(1)/2013-2014/1199-1201

Date: 11/06/2020

Unit Id : 1804

- 18 That this authorization is subject to post audit of the compliance made by the hospital for rectification of deficiencies observed during inspection on 17.03.2020 as communicated vide this office letter dated 01.06.2020. During inspection, if it is observed that it has not made compliance the authorization shall be revoked.
- 19 That the hospital shall comply with the provisions of Bio-medical Waste Management Rules, 2016.
- 20 That the hospital shall not abstract ground water without prior NOC from CGWA.
- 21 That the hospital shall comply with the standards for treatment & disposal of Bio-medical Waste as specified under Schedule 7 of Bio medical Waste Management Rules, 2016.
- 22 That infected hospital liquid waste must be given chemical treatment by using at least 10% hypochlorite solution or any other equivalent chemical reagent to ensure required disinfection.
- 23 That no treated/untreated effluent will be discharged inside or outside the facility premises and all the treated waste water will be utilized for plantation and other gainful purpose inside the facility premises.
- 24 That the hospital shall install adequately designed Rain Water Harvesting structure for prevention and recharge of ground water in and around the area.
- 25 That used CFLs/FLs should be properly collected and disposed off/sent for recycling as per the prevailing rules/guidelines issued by the regulatory authority. Use of solar panels also may be done to the extent possible.
- 26 That the total water consumption of the hospital after expansion i.e. for 1450 beds shall not exceed 400 KLD without prior permission of the State Board.
- 27 That the hospital shall maintain and operate STP (400 KLD) to treat the domestic/hospital waste water generated from the hospital activities and other utilities to achieve the standards prescribed under the Environment (Protection) Act 1986.
- 28 That the water flow meters shall be provided at all suitable points to measure quantity of daily water received, water consumption, waste water generation, waste water treated and treated waste water recycled and utilized for plantation/gardening purposes. Daily record of the same shall be maintained and submitted to the Board.
- 29 That the entire treated sewage shall be utilized within premises for flushing, horticulture/plantation and zero discharge status shall be maintained outside the premises.

Signature Wild
Digitally signed by
Rajasthan State Pollution Control Board
DN: cn=Rajasthan State Pollution Control Board,
ou=Jaipur, o=Rajasthan State Pollution Control Board,
c=IN



RAJASTHAN STATE POLLUTION CONTROL BOARD
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 141-5159600 Fax: 0141-5159697

Registered

F(BMW)/Jaipur(Sanganer)/69(1)/2013-2014/1199-1201

Date: 11/06/2020

Unit Id : 1804

- 30 That the hospital shall install and maintain water flow meters at inlet and outlet of STP for measuring quantity of waste water inlet and waste water treated and treated waste water recycled and utilized for plantation/gardening purposes. Daily record of the same shall be maintained and submitted to the Board.
- 31 That this authorization is valid for 400 beds and one D.G. set (2000 KVA) only. For any change in capacity of the services & area, the hospital has to seek fresh authorization.
- 32 That the hospital shall ensure not to discharge treated/untreated waste water into any drain/Nallah which is terminating to any water body in nearby area.
- 33 That the hospital shall not allow making any obstacles to any natural water flow i.e. natural nallah/stream carrying rain water to any water body.
- 34 That the hospital shall maintain adequate height of stack along with acoustic enclosures with D.G. Set of 2000 KVA. No additional air pollution source shall be installed without prior permission of the Board.
- 35 That the hospital shall ensure proper utilization and reuse of domestic waste water after adequate treatment for gainful purposes.
- 36 That the hospital shall obtain Environmental Clearance from competent authority under EIA Notification dated 14.09.2006 for any such activity which attracts Environmental Clearance under EIA Notification dated 14.09.2006.
- 37 That this authorization shall be subject to compliance of directions or order passed by National Green Tribunal (NGT) / court of law in the matter, if any.
- 38 That any incorrect information submitted in the authorization application form or declaration shall make the Hospital liable for legal action under the provisions of the Rules.
- 39 That the hospital shall maintain record of collection, storage and transportation of bio-medical waste to Common Bio-Medical Waste Treatment and Disposal Facility (CBWTF) for disposal. The quarterly abstract related to the collection, storage, transportation and disposal shall be submitted to the H.O. and Regional Office in the format given below:

Signature valid
Digitally signed by
[Signature]
DN: cn=, o=, ou=, email=, c=IN



RAJASTHAN STATE POLLUTION CONTROL BOARD
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 141-5159600 Fax: 0141-5159697

Registered

F(BMW)/Jaipur(Sanganer)/69(1)/2013-2014/1199-1201

Date: 11/06/2020

Unit Id : 1804

| Sr. No. | Month & Year | Disposal of bio-medical waste as per colour code (in Kg.) | | | | Number of collection trips by CBMWTDF |
|---------|--------------|---|-----|--------------|-------|---------------------------------------|
| | | Yellow | Red | Blue / White | Black | |
| | | | | | | |

- 40 This Authorization is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time being in force, rests with the hospital/ unit / project proponent.
- 41 This Authorization shall not, in any way, adversely affect or jeopardize the legal proceedings, if any, instituted in the past or that could be instituted against you by the State Board for violation of the provisions of the Act or the Rules made there under.

This bears the approval of the competent authority.

Enclose :- Annexure

Yours Sincerely


Group Incharge

Copy To:-

- 1 Regional Officer, Regional Office, Rajasthan State Pollution Control Board Jaipur (South) Please ensure compliance of authorization conditions You are also requested to inspect the hospital, collect sample of STP treated water and submit report within three months
- 2 Master File



RAJASTHAN STATE POLLUTION CONTROL BOARD
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 141-5159600 Fax: 0141-5159697

Registered

F(BMW)/Jaipur(Sanganer)/69(1)/2013-2014/1199-1201

Unit Id : 1804

Date: 11/06/2020

— / —
Group Incharge

To :

✓ M/s Mahatma Gandhi University of Medical Sci.& Technology(Mahatm
Sitapura, Jaipur Tehsil:Sanganer
District:Jaipur

Signature valid
✓
Date: 11/06/2020
Time: 11:11:11

Project : Environment Audit for Mahatma Gandhi University of Medical Sciences & Technology

Promoter : Mahatma Gandhi Medical College & Hospital

Copy of EC Letter

State Level Environment Impact Assessment Authority, Rajasthan

4, Institutional Area, Jhalana Doongri, Jaipur-302004

Phone: 0141-2705633, 2711329 Ext. 361

No. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/ Cat.8 (a)B2 (3345) /14-15

Jaipur, Dated:

24 OCT 2016

To,

Mahatma Gandhi University of Medical Sciences & Technology,
RIICO Institutional Area, Sitapura, Tonk Road,
Jaipur, Rajasthan.

Sub:-Environmental Clearance for the project "Mahatma Gandhi University of Medical Sciences & Technology" on an area of 1,44,614.25 m² (14.46 ha) located at Plot No. ISI 12, 13, 14, 19, 20, 21, 18, 18A, 14A Village: Sitapura, Industrial Area, Tehsil: Sanganer, District: Jaipur, Rajasthan by Mahatma Gandhi Medical College & Hospital. Category- 8(a) B.

This has reference to your application dated 28.04.2015 seeking environmental clearances for the above project under EIA Notification 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification 2006 on the basis of the mandatory documents enclosed with the application viz. the questionnaire, EIA, EMP and additional clarifications furnished in response to the observation of the State Level Expert Appraisal Committee Rajasthan, in its meeting held on 27.07.2015 & 29.07.2016

2. Brief details of the Project:

| | | | | |
|---|----------------------------------|---|------------------------|-------------------|
| 1 | Category/Item No. (in Schedule): | Cat.8(a)B2 | | |
| 2 | Location of Project | Plot No. ISI 12,13,14,19,20,21,18,18A,14A Village : Sitapura, Industrial Area, Tehsil: Sanganer, District Jaipur, Rajasthan | | |
| 3 | Project Details | S.No. | Particulars | Details |
| | | 1 | Plot Area | 1,44,614.25 Sq.m. |
| | | 2 | Total Built up Area | 1,49,304.83 Sq.m. |
| | | 3 | Existing Built up Area | 1,33,082.71 Sq.m. |
| | | 4 | Maximum Height | 36.80 m |
| | | 5 | Maximum No. of Floor | B1 + B2 + G + 9 |
| 4 | Parking | Provision for Parking of 1025 E.C.U. has been made at surface level | | |
| 5 | Project Cost | Rs. 230.00 Cr. | | |
| 6 | Water Requirement & Source | During construction phase water requirement will be 14.0 KLD
In post construction phase daily water requirement will be about 1719 KLD
933 KLD - Fresh water
786 KLD - Recycled water from STP | | |

| | | | | |
|----|-----------------------------|---|--|----------------|
| 7 | Fuel & Energy | Expected Demand 3500 KVA
Source : JVVNL
Backup Source :
DG Sets - 12 Nos.
500 KVA x 4, 125 KVA x 3, 380 KVA x 1, 1010 KVA x 4
(Out of which 1010 KVA x 2 are standby)
During power failure only | | |
| 8 | Environment Management Plan | Capital Cost | | Recurring Cost |
| | | S.No. | Item | Rs. Lacs |
| | | 1 | STP | 205.00 |
| | | 2 | DG set with acoustic enclosure | 501.00 |
| | | 3 | Solid waste management | 40.00 |
| | | 4 | Rainwater harvesting system | 30.00 |
| | | 5 | Landscaping | 35.00 |
| | | Total | | 811.00 |
| 9 | CSR Activities | Every year expenditure (in Lacs) Approx. | | |
| | | S.No. | Particulars | |
| | | 1 | Free meals to patients/Camp Expenses for people of Rajasthan | 190.00 |
| | | 2 | Social & Health awareness Expense/Educational expense | 35.00 |
| | | 3 | Free/discount to patients | 300.00 |
| | | 4 | Free medicines to Patients | 200.00 |
| 10 | STP | Total | | 725.00 |
| | | Remarks: Construction of First Floor for Adivashi Chatravas- 25 Lakh Approx (One time) | | |
| 11 | Green Belt/Plantation | STP of capacity 850 KLD | | |
| | | 47000 Sq.m. (35% of total plot area) | | |

3. The SEAC Rajasthan after due considerations of the relevant documents submitted by the project proponent and additional clarifications/documents furnished to it have recommended for Environmental Clearance with certain stipulations. The SEIAA Rajasthan after considering the proposal and recommendations of the SEAC Rajasthan hereby accord Environmental Clearance to the project as per the provisions of Environmental Impact Assessment Notification 2006 and its subsequent amendments, subject to strict compliance of the terms and conditions as follows:

PART A : SPECIFIC CONDITIONS

1. The E.C. has been granted for construction of following facilities:-

| S.No. | Particulars | Details |
|-------|----------------------------|---|
| 1 | Number of Beds | 1500 |
| 2 | Total Built up Area | 1,49,304.83 Sq.mt. |
| 3 | Maximum Height of Building | 36.80 Mtr. |
| 4 | Water demand | Fresh Water 933 KLD Treated
Waste Water 786 KLD |
| 5 | Parking | Open Parking-23575 Sq.m.
1025 ECS |
| 6 | Solid Waste | 2430 Kg / day |
| 7 | Paved Area | 60159.25 Sq.mt. |
| 8 | STP | 850 KLD |
| 9 | Surplus Waste Water | Zero |
| 10 | DG. Set | 500 KVA x 4
125 KVA x 3
380 KVA x 1
1010 KVA x 4
(Out of which 1010 KVA x 2 are
standby) |

2. As proposed the total buildup area would be bifurcated as follows-

| S.No. | Particulars | Details |
|-------|---|-------------------------|
| 1 | Existing Built up area | 133082.71 Sq. M. |
| 2 | Proposed Patient Attendant Accommodations | 11498.14 Sq. M. |
| 3 | Proposed Floors in New Hospital Building | 4723.98 Sq. M. |
| | Total | 149304.83 Sq. M. |

I. CONSTRUCTION PHASE

1. "Consent to Establish" shall be obtained from RPCB before start of any construction work at the site and submit the following document to RPCB at the time of applying for CTE
Identification of biomedical waste treatment site and copy of agreement for disposal of BMW from the hospital.
2. That the grant of this E.C. is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the industry / unit / project proponent. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010.
3. The P.P. shall provide a System for composting of MSW within the campus and it will be sent to common municipal disposal sites.
4. The P.P. shall provide a System for BMW management- collection, segregation and disposal management.
5. Rs 811.00 lacs as capital cost and Rs. 62 lacs as recurring cost for environmental pollution control and monitoring shall be kept by the PP and budgetary provisions shall be made in the books of accounts.

6. An amount of Rs. INR 725.00 Lacs per years should be spent under CSR as above.
7. For conservation of electricity and to reduce energy losses the management shall ensure that the electrical voltage is stepped down from 33 KV to 11 KV and distributed at this level and finally brought to 440 volts. The P.P. shall ensure to obtain permission from the SE, AVVNL regarding power demand 804 KW.
8. The P.P. shall provide STP of capacity 850 KLD based on MBBR technology & Electro Coagulation (EC), E-Ionization System with Ozonation STP technology as proposed. Proper provisions shall be made for treatment of pathogens and other contagious micro organisms.
9. Total domestic water requirement shall not exceed 1719 KLD in operational phase ,as proposed. The PP shall obtain prior permission from CGWA, for the drawing of water from bore-well.
10. The P.P shall take measures to ensure 10% reduction of overall power demand which shall be met by solar system. In this regard solar heaters on terrace top- of all buildings and solar street lighting may be provided.
11. The P.P shall review and specify employment opportunities (direct/indirect numbers) to local persons.
12. The P.P. shall ensure implementation of fire fighting plan as per NBC Code requirement for hospitals.
13. Provision shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile STP, safe drinking water, sanitation, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
14. All required sanitary and hygienic measures shall be in place before starting construction activities. The safe disposal of waste water and solid waste generated during the construction phase shall be ensured.
15. For disinfection of waste water, appropriate tertiary treatment may be given.
16. All the topsoil excavated during the construction shall be stored for use in horticulture/landscape development within the project site.
17. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of the people, only in approved sites with the approval of competent authority.
18. Soil and ground water samples will be tested to ascertain that, there is no threat to the ground water quality by leaching of heavy metals and other toxic contaminants.
19. Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate water courses and the dump sites for such material must be secured so that they do not leach in to the ground water.
20. The diesel generator sets to be used shall be low-sulphur-diesel type and shall conform to Environment (Protection) Rules for air and noise emission standards.
21. Vehicles hired for bringing construction material and labourers to the site shall be in good conditions and shall conform to applicable air and noise emission standards and shall be operated during non-peak/approved hours.
22. Ambient noise levels shall conform to silent zone standards both during day and night incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase.
23. Ready mixed concrete must be used in building construction.
24. Storm water control and its re-use as per CGWA provisions should be ensured.
25. The responsibility of water supply to the occupants shall be that of the P.P. and the P.P. should ensure supply of water from a legal source to occupants before operations.
26. Fly ash shall be used as building material in the construction as per the provisions of FLY Ash notification of September, 1999 and amended as on August, 2003 (the above condition is applicable only if the project is within 100 km of Thermal power Station).
27. Regular and periodic mock-up drills shall be undertaken by the fire department at least once in a year.
28. NOC shall be obtained from National State Disaster Management Authority, wherever applicable

29. Water demand during construction shall be reduced by the use of pre-mixed concrete, curing agents and other best practices.
30. Permission to draw ground water shall be obtained from the CGWA/CGWB prior to construction/operation of the project.
31. Adequate measures shall be taken to reduce air and noise pollution during construction keeping in mind CPCB norms on noise limits.
32. A First Aid Room will be provided in the project both during construction and operation of the project.
33. Any hazardous waste generated during construction phase and post construction phase shall be disposed off as per applicable rules and norms with necessary authorization of the Rajasthan Pollution Control Board.
34. The approval of the competent authority shall be obtained for structural safety of the buildings due to earthquake, adequacy of fire fighting equipments, etc as per National Building Code 2005 including protection measures from lightening etc. The PP shall get the approved building plans from competent Authority.
35. Regular supervision of the above and other measures for monitoring shall be in place throughout the construction phase, so as to avoid nuisance to the surroundings.
36. Guidelines issued by concerned ministry for water scarce area should be complied with.
37. Provisions of solar water heating/chilling etc shall be explored.
38. Review and revise the requirement of DG set capacities for 100% power back up through to optimization of power back up in case of power failure and emergency.

II OPERATION PHASE

1. An independent expert shall certify the installation of the Sewage Treatment Plant (STP) and a report in this regard shall be submitted to the RPCB, before the project is commissioned for operation. Discharge of treated sewage shall conform to the norms & standards of the Rajasthan State Pollution Control Board.
2. Rain Water harvesting (RWH) for roof run-off and surface run-off, as plan submitted shall be implemented. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease. The RWH plan shall as per GOI manual.
3. The municipal solid waste generated shall be properly collected & segregated before disposal to the City Municipal Facility.
4. Any hazardous waste including biomedical waste shall be disposed of as per application Rules & norms with necessary approvals of the Rajasthan State Pollution Control Board.
5. The green belt along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use. The open space inside the plot shall be suitably landscaped and covered with vegetation of indigenous variety.
6. The D.G. sets to be operated with stack height as per RPCB norms.
7. Install dual plumbing system to ensure maximum recycling of water. Re-cycle water to match standards for cooling water.
8. Application of solar energy shall be incorporated to illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating.
9. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking shall be fully internalized and no public space shall be utilized.
10. A Report on the energy conservation measures confirming to energy conservation norms finalized by Bureau of Energy Efficiency shall be prepared incorporating details about building materials & technology, R&U Factors etc. Quantify energy saving measures.
11. Proper system of channelizing and disposal of excess storm water shall be provided.
12. Trees and shrubs of local species shall be planted to allow habitat for birds with appropriate distance from the boundary.
13. Adequate measures shall be taken to prevent odor from solid waste processing and STP.

B GENERAL CONDITIONS

1. The environment safeguards contained in Form I-A shall be implemented in letter and spirit.
2. Six monthly monitoring reports shall be submitted to Regional Office of MoEF, SEIAA Rajasthan and Rajasthan State Pollution Control Board.
3. Officials of the RPCB, who would be monitoring the implementation of environmental safeguards, shall be given full cooperation facilities and documents/data by the PP during their inspection. A

- complete set of all the documents submitted to SEIAA, Rajasthan shall be forwarded to the Rajasthan State Pollution Control Board.
4. In case of any change (s) in the scope of the project the PP requires a fresh appraisal by SEIAA/SEAC, Rajasthan.
 5. The SEIAA/SEAC, Rajasthan reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
 6. All the other statutory clearances such as the approvals for storage of diesel / gases from the Chief Controller of Explosives, Fire department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (protection) Act, 1972 etc. shall be obtained, as may be applicable, by P.P.
 7. The P.P. shall ensure advertising in at least two local news papers widely circulated in the region, one of which shall be in vernacular language that, the project has been accorded environmental clearance and copies of the clearance letters are available with SEIAA, Rajasthan Pollution Control Board and may also be seen on the website of the Board at www.rpcb.nic.in. The advertisement shall be made within 7 (seven) days from the date of issue of the environmental clearance and a copy shall also be forwarded to the SEIAA, Rajasthan.
 8. These stipulations would also be enforced amongst the other under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991, EIA Notification, 2006 and BMW waste Rules.
 9. Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the proponent, if it is found that construction of the project has been started without obtaining environmental clearance.
 10. The Environmental Clearance is subject to the specific condition that the PP shall obtain prior clearance from forestry and wild life angle including clearance from Standing Committee of the National Board Wild Life if applicable. It is further categorically stated that grant of EC does not imply that forestry and wild life clearance shall be granted to the project and that their proposals for forestry and wild life clearance will be considered by the respective authorities on their merits and Decision taken. The investment made in the project, if any, based on environment clearance so granted, in anticipation of the clearance from forestry and wildlife angle shall be entirely at the cost and risk of the project proponent and Authority or Ministry of Environment & Forests shall not be responsible in this regard in any manner.

(Rajesh Kumar Grover)
Member Secretary,
SEIAA Rajasthan.

No. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/ Cat.8 (a)B2 (3345) /14-15

Copy to following for information and necessary action:

1. Secretary, Ministry of Environment, Forest & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi-110003.
2. Addl. Chief Secretary, Environment Department, Rajasthan, Jaipur.
3. Smt. Alka Kala, Chairperson, SEIAA, Rajasthan, 69-A, Bajaj Nagar Enclave, Jaipur
4. Sh. Sankatha Prasad, (IFS Retd.), 250, Gomes Defence Colony, Vaishali Nagar, Jaipur.
5. Member Secretary, Rajasthan State Pollution Control Board, Jaipur for information & necessary action and to display this sanction on the website of the Rajasthan Pollution Control Board, Jaipur.
6. Secretary, SEAC Rajasthan.
7. The CCF, Regional Office, Ministry of Environment & Forests, RO(CZ), Kendriya Bhawan, 5th Floor, Sector 'H', Aliganj, Lucknow-226 020.
8. Environment Management Plan- Division, Monitoring Cell, MoEF, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi-110003.
9. Programmer, Department of Environment, Government of Rajasthan, Jaipur with the direction to upload the copy of this environmental clearance on the website.

M.S. SEIAA (Rajasthan)

Project : Environment Audit for Mahatma Gandhi University of Medical Sciences & Technology

Promoter : Mahatma Gandhi Medical College & Hospital

Awards and Recognition

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.



National Accreditation Board for
Testing and Calibration Laboratories



NABL

CERTIFICATE OF ACCREDITATION

**CENTRAL LABORATORY, THE MAHATMA GANDHI
UNIVERSITY OF MEDICAL SCIENCES & TECHNOLOGY**

has been assessed and accredited in accordance with the standard

ISO 15189:2012

**"Medical laboratories - Requirements for quality and
competence"**

for its facilities at

RHCO INSTITUTION AREA, SITAPURA, TONK ROAD, JAIPUR, RAJASTHAN, INDIA

in the field of

Medical Testing

Certificate Number: MC-2733

Issue Date: 27/04/2021

Valid Until:

26/04/2023

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued
satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Identity : Mahatma Gandhi University of Medical Sciences & Technology, Jaipur

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer

NABL Accredited

Central Laboratory

Mahatma Gandhi

**University of Medical
Sciences & Technology**

Extension Letter for NABL Accredited - Central Laboratory

----- Forwarded message -----
From: **Dr. Bhumi Rajyaguru** <bhumi@nabl.qcin.org>
Date: Wed, May 24, 2023 at 12:01 PM
Subject: Extension of Validity
To: NABH MGH <nabhmgh@gmail.com>

Lab: CENTRAL LAB, MAHATMA GANDHI UNIVERSITY OF MEDICAL SCIENCES & TECHNOLOGY, JAIPUR
(M-1415)

Dear Sir/Madam,

This is to inform you that the validity of Accreditation of your laboratory has been extended **further up to one month i.e till 25.06.2023 in the field of Medical testing as per ISO 15189:2012** for the existing scope of accreditation.

During this period your laboratory is entitled to use NABL symbol for the existing scope of accreditation as per latest issue of NABL 133. However, the laboratory shall abide by the decision regarding renewal of accreditation.

Sincerely,

डॉ. भूमि राजगुरु / Dr. Bhumi Rajyaguru

<https://mail.google.com/mail/u/1/?ik=5f004e0c18&view=pt&search=all&permthid=thread-f:176719978588649572&simpl=msg-f:17671997858886...> 1/2

6/7/23, 9:58 AM

Mahatma Gandhi University of Medical Sciences & Technology Mail - Fwd: Extension of Validity

Dy. Director, Medical Testing
PhD (Microbial Technology), MBA, PGDB, PDQM

National Accreditation Board for Testing and Calibration Laboratories

National Accreditation Board for Hospitals & Healthcare Providers

(Constituent Board of Quality Council of India)

CERTIFICATE OF ACCREDITATION

Mahatma Gandhi Medical College & Hospital
RIICO Institution Area, Sitapura
Jaipur - 302022, Rajasthan

has been assessed and found to comply with NABH Accreditation Standards for Hospitals, 5th Edition. This certificate is valid for the Scope as specified in the annexure subject to continued compliance with the accreditation requirements.

Date of first accreditation: February 24, 2019
Date of Previous Cycle:
February 24, 2019 to February 23, 2022

Valid from : May 12, 2022

Valid thru : February 23, 2026



H-2019-0603

Certificate No.
H-2019-0603

Dr. Atul Mohan Kochhar
Chief Executive Officer

National Accreditation Board for Hospitals & Healthcare Providers, 5th Floor, ITP Building, 4A, Ring Road, IP Estate, New Delhi 110 002, India
Phone: +91-11-42500600, Fax: +91-11-42332 3415 • Email: nabh@nabh.ac.in • Website: www.nabh.ac.in



SINo. 008265

008265

NABH

NABH and the NABH Accreditation Standards for Hospitals are ISQua Accredited

NABH Accredited

Mahatma Gandhi

Medical College & Hospital

75
आजादी का
अमृत महोत्सव

नगर निगम ग्रेटर जयपुर



स्वच्छ सर्वेक्षण 2022

प्रशस्ति पत्र

यह प्रशस्ति पत्र स्कूल/होटल/हॉस्पिटल/आर.डब्ल्यू.ए./मोहल्ला विकास समिति/
सरकारी कार्यालय/व्यापार मण्डल ...महात्मा गांधी होस्पिटल...जयपुर...
के प्रतिनिधि श्री/श्रीमती/सुश्री ...सुबोधिता भास्कर... को नगर निगम ग्रेटर जयपुर द्वारा
स्वच्छता सर्वेक्षण-2022 के दौरान आयोजित ...सीता प्रमोद... द्वारा प्रमोद कार्याक्रम में ...दिलीप... श्रेणी
के लिए प्रदान किया जाता है।

दिनांक ...19-1-2022...

श्रील शर्मा
महोदय
नगर निगम ग्रेटर जयपुर

श्रील शर्मा
महोदय
नगर निगम ग्रेटर जयपुर

नोटिस ऑफिसरी
2022
नगर निगम ग्रेटर जयपुर



आजादी का
अमृत महोत्सव
ULB Code : 900600



नगर निगम ग्रेटर जयपुर

स्वच्छ
सर्वेक्षा 2023

मेरा शहर, मेरी पहचान

प्रशस्ति पत्र

यह प्रशस्ति पत्र स्कूल/होटल/हॉस्पिटल/आर.डब्ल्यू.ए./मोहल्ला विकास समिति/

सरकारी कार्यालय/व्यापार मण्डल/संस्था महात्मा गांधी होस्पिटल, जयपुर

के प्रतिनिधि श्री / श्रीमती / सुश्री पुनोद्य व्यासपाल को नगर निगम ग्रेटर जयपुर

द्वारा स्वच्छ सर्वेक्षण-2023 के दौरान आयोजित स्पर्धा परियोजना में कार्यक्रम में

प्रथम श्रेणी के लिए प्रदान किया जाता है।

दिनांक 30.01.23

सोपान

महापौर

नगर निगम ग्रेटर जयपुर

आयुक्त

नगर निगम ग्रेटर जयपुर

नोडल अधिकारी

स्वच्छ सर्वेक्षण-2023

नगर निगम ग्रेटर जयपुर





AHPI AWARD 2023

for

Excellence in Community Engagement

Mahatma Gandhi University of
Medical Sciences & Technology, Jaipur

Dr. Alexander Thomas
President

Dr. Girdhar Gyani
Director General

Association of Healthcare Providers (India)

...Educating & Championing for Well Being of Common Man...

Place: Jaipur

Date: 10th February 2023

Excellence
in
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