



UTILITY MANAGEMENT PLAN
LIAQUAT INSTITUTE OF MEDICAL & HEALTH AND SCIENCES, LUMHS, THATTA

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INTRODUCTION:

Liaquat Institute of Medical & Health Sciences Thatta (LIMHS) upholds its commitment to excellence in medical education and healthcare services. This comprehensive Utility Management Plan is designed to establish, maintain, and optimize utility systems, ensuring a secure and comfortable environment for students, staff, and the broader community.

SCOPE:

The plan encompasses all facilities at LIMHS, including:

Main Academic Building: Housing classrooms, laboratories, and administrative offices.

Hospital Facilities: Comprising medical departments, patient care units, and diagnostic services.

Lecture Halls and Laboratories: Essential spaces for academic and research activities.

Hostel and Cafeteria: Providing accommodation and catering services.

Administrative Offices: Central to managerial and operational functions.

Critical systems, such as electrical distribution, emergency power, water supply, gas supply, and HVAC, are strategically managed to fortify the institute's infrastructure.



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OBJECTIVES:

1. Compliance:

- Adherence to local and international safety standards and regulations governing utility systems.

2. Safety and Comfort:

- Establishing an environment ensuring the safety, well-being, and comfort of stakeholders.

3. Operational Reliability:

- Implementation of measures to guarantee the uninterrupted and reliable operation of utility systems.

4. Risk Assessment:

- Regular assessment and analysis of potential risks associated with utility systems, with a focus on proactive mitigation strategies.

5. Emergency Response:

- Development of a robust emergency response plan to address utility system failures promptly and efficiently.

6. Coordination:

- Facilitate essential coordination for planned utility system interruptions, ensuring minimal disruption to academic and healthcare activities.



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7. Maintenance Enhancement:

- Continuous improvement of maintenance practices to reduce and minimize the likelihood of utility system failures or interruptions.

ELECTRICITY:

LIMHS ensures a resilient electrical power infrastructure through:

- Dedicated lines from different transformers, guaranteeing redundancy for the college and hostel.
- Strategically placed standby generators with specific capacities, including two 200 KVA generators covering the entire campus building.

WATER SUPPLY:

LIMHS ensures an efficient and reliable water supply through:

- Utilizing multiple water supply connections from local sources.
- Installing water tanks on the rooftop of each block to ensure a consistent water supply.
- Implementing simple water ponds on the rooftop instead of underground tanks.
- All water pumps are backed by generator power supply for continuous operation.

GAS SUPPLY:

Gas supply, a vital component, will be secured through a dedicated line from Sui Southern Gas, exclusively for college installations and for the hostel.



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CONCLUSION:

In conclusion, this Utility Management Plan underscores LIMHS's commitment to providing a secure, technologically advanced, and sustainable environment. By adopting a proactive approach to utility management, LIMHS aims to meet current demands while future-proofing its infrastructure, ensuring the seamless operation of academic and healthcare services. Regular assessments, robust emergency response measures, and a commitment to compliance form the bedrock of this comprehensive utility management strategy.

Principal
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