

Terms of Reference

About Andhra Pradesh Medtech Zone (AMTZ)

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Andhra Pradesh MedTech Zone (AMTZ) is India's premier medical technology manufacturing cluster and one of the world's largest MedTech ecosystems, housing **180+ companies** engaged in the research, development, and manufacturing of life-saving medical devices. Built in a record **342 days**, AMTZ offers world-class common manufacturing and scientific facilities, including advanced testing laboratories, 3D printing, laser, biomaterial, and irradiation centers. During the COVID-19 pandemic, AMTZ played a critical national role by producing **100+ ventilators, 500 oxygen concentrators, and 1 million RT-PCR kits per day**, while also deploying innovative solutions such as mobile hospitals, RT-PCR vehicles, and oxygen plants to strengthen healthcare delivery across India.

Company Website:

<http://amtz.in/>

<http://kiht.in/>

<http://biovalley-amtz.in/>

<https://medivalley-aic.in/>

Job Title

Technician - Sterila

Key Responsibilities

1. Microbiology: Perform microbiological activities including handling, incubation, and report making of Biological Indicators (BIs) as per applicable quality standards and SOPs.
2. Procurement: Procure Biological Indicators, Chemical Indicator buttons, and related Laboratory consumables from approved and qualified vendors as per quality requirements.
3. Validation and routine process: Support validation studies and routine commercial processing of medical devices by Ethylene Oxide (ETO) sterilization by maintaining accurate microbiological records.
4. Documentation: Prepare, review, and maintain SOPs, validation documents, logbooks, reports, and other quality records in compliance with ISO 13485 and Good Documentation Practices (GDP).
5. Calibration and Maintenance: Plan and coordinate routine calibration, and preventive maintenance of laboratory and process equipment to ensure reliable performance.
6. Business Development: Support business development by identifying new customers, interacting with clients, coordinating product trials and validation studies, and promoting ETO sterilization services to increase business opportunities.

7. Coordination: Work closely with Production and Maintenance teams to ensure safe, compliant, and efficient ETO sterilization operations and continuous process improvement.

Qualification & Experience

1. **Qualification:** M.Sc./B.Sc. in Microbiology, Biotechnology or a related discipline.
2. Experience: Minimum 1-3 of experience in the relevant field.
3. Technical Skill Set experience in the respective field.
4. Knowledge: ISO 13485:2016, ISO 11135, Good Documentation Practices (GDP).
5. Computer literacy including advanced proficiency with Microsoft Office (Excel, Word & PPT).
6. Excellent communication and presentation skills, analytical, problem-solving skills and interpersonal abilities, Decision-making, excellent oral and written communication skills in English.
7. Must have Team Spirit, Agility, Leadership, Initiative, time management, prioritizing and the ability to handle a complex and varied workload.
8. Must maintain confidentiality and discretion in all aspects and be comfortable with a flexible working schedule to meet the needs of the Company.
9. Ability to handle urgent matters, multiple tasks, simultaneously and quickly complete the assigned tasks.
10. Willingness to Travel.
11. Age up to **35** years.