Marcus Delgado

Biomedical Equipment Technician I

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SUMMARY

Biomedical Equipment Technician I with 1 year of hospital experience and an associate degree in biomedical equipment technology. Performs preventive maintenance, calibration and electrical safety testing on infusion pumps, patient monitors and defibrillators, and documents every repair in the CMMS. Known for patient-first customer service with nursing staff and careful troubleshooting at the bedside.

EDUCATION

Associate of Applied Science 05/2025

Cincinnati State Technical and Community College Cincinnati, OH

Biomedical Equipment Technology

EXPERIENCE

Biomedical Equipment Technician I 07/2025 - Present

Queen City Regional Medical Center Cincinnati, OH

Healthcare technology management department supporting a 340-bed acute care hospital.

- Complete preventive maintenance and calibration on **120** devices a month, keeping on-time PM completion at 98%.
- Run electrical safety testing on 45 defibrillators and monitors each quarter against NFPA 99 limits.
- Resolve 70% of nurse calls at the bedside through step-by-step troubleshooting of alarms and failed self-tests.
- Document parts, labor and test results in the CMMS, closing 95% of work orders within 5 days.

Biomedical Equipment Technician Intern 01/2025 - 05/2025

Mill Creek Valley Hospital Hamilton, OH

Clinical internship completed for the associate degree.

- Inspected 300 incoming and in-service devices under supervision, tagging 14 for repair or retirement.
- Replaced batteries, cables and filters on 60 pulse oximeters and suction units to manufacturer specifications.
- Traced faults on 2 failed ECG carts using schematics and service manuals.
- Updated equipment inventory records for 4 nursing units, using medical terminology from each unit's device list.

SKILLS

Preventive Maintenance • **Calibration** • **Electrical Safety Testing** • **Troubleshooting** • **CMMS** **NFPA 99** • **Schematics** • **Medical Terminology** • **Infusion Pumps** • **Customer Service**

CERTIFICATES

CompTIA A+

CompTIA

2024