**Division Scope of Service**

<table>
<thead>
<tr>
<th>Division: CONTINENTAL</th>
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<tbody>
<tr>
<td>DHP Classification: BIOMEDICAL TECHNICIAN</td>
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<tr>
<td>Name of Dependent Healthcare Professional (DHP):</td>
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</table>

**Biomedical Technician:**  
The Biomedical Technician must have equivalent qualifications, competence and function in the same role as employed individuals performing the same or similar services at the facility, as defined by facility job description.

**Definition of Care or Service:**  
The Biomedical Technician will properly respond to service calls to evaluate, diagnose, perform repair and planned maintenance on complex customer's biomedical equipment and drive customer satisfaction through Service Excellence and may as part of their position function as Site Leader. Scope of Service may include:

- Evaluate complex, customer biomedical equipment issues, implement appropriate repairs
- Document all repair actions and submit reports/summaries according to schedule
- Perform planned maintenance, safety and environmental inspections
- Ensure proper care of spares, tools and test equipment and ensure calibration. Maintain approved parts inventory.
- Maintain effective customer relations
- May perform role of Site Leader - direct activities of fellow Biomedical Technicians assigned to site and participate in customer committees such as Safety or Environment of Care
- Demonstrates Clinical and Service excellence behaviors to include code of HCA conduct core fundamentals in daily interactions with patients, families, co-workers and physicians.

**Setting(s):**

- Healthcare facilities including but not limited to hospitals, ambulatory surgery centers, outpatient treatment facilities, imaging centers, and physician practices.

**Supervision:**

- Direct supervision by the Site Leader/Program Coordinator
- Indirect supervision by the Plant Operations/Safety Director

**Evaluator:** Plant Operations/Safety department director or designee in conjunction with direct supervisor

**Qualifications:**

- Minimum of High School Diploma/GED required.
- One of the following required:
  - Minimum one year military experience or other equivalent formal training in maintaining electronics, electromechanical or medical equipment.
  - Minimum of an Associate's degree in Electronics or Mechanical Principles.
- Certified Biomedical Electronics Technician (CBET) desired.

**State Requirements:**

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**Experience:**

- Minimum of at least one year of experience performing troubleshooting and planned maintenance on basic and advanced biomedical equipment following current standards, code and procedures to ensure safe and effective operation of those devices.

**Competencies:**

The Biomedical Technician will demonstrate:

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## Division Scope of Service

- **Use of Biomedical test equipment**
  - Anesthetic Gas Analyzer
  - Blood Pressure Analyzer
  - Defibrillator Analyzer
  - Digital Pressure Meter
  - Digital Thermometer
  - Electrosurgical Unit Analyzer
  - Infusion Pump Analyzer
  - Laser Power Meter
  - Multimeter
  - Oscilloscope
  - Patient Simulator
  - Power Supply
  - Respiratory Function Analyzer
  - Safety Analyzer
  - Torque Wrench
  - Ultrasound Watt Meter
  - Venturi Tester

- **Equipment Maintenance and Operation**
  - **Risk 4 Family Section**
    - Light Exam, Ceiling Mounted
    - Sphygmomanometer
    - Stirrer/Mixer/Rocker
    - Table, Bed/Stretcher
    - Traction Unit
  - **Risk 3 Family Section**
    - ECQ Recorder, Long Term
    - Light Sources (Non Exam Lights)
    - Microscope, Surgical
    - Microscope, Tabletop/Diagnostic
    - Pump, Heat Therapy
    - Sterilizers, Table Top
    - Video Camera, Surgical
    - Waste Evacuator
  - **Risk 2 Family Section**
    - Centrifuge
    - Compression Device, Sequential
    - Cryosurgical System
    - Doppler Units
    - Electrocardiograph Equipment
    - Electromyograph
    - Flowmeter, Blood, Ultrasonic
    - Hypo/Hyperthermia Units
    - Insufflator
    - Light Phototherapy – Bill Lights
    - Module, ECG Multichannel
    - Module, MultiParameter
    - Monitor, Apnea
    - Monitor, Blood Pressure, Invasive
    - Monitor, Cardiac Output
    - Monitor, Cerebral

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## DIVISION SCOPE OF SERVICE

- Monitor, Fetal
- Monitor, Module, BP
- Monitor, Module, NiBP
- Monitor, Module, SPO2
  - Monitor, Physiological
  - Muscle Stimulators, Physical Therapy
  - Monitoring System, Central
  - Oxygen Analyzers
  - Pulse Oximeters
  - Pump, Infusion
  - Pump, Syringe
  - Pump, PCA
  - Radiant Warmer, Infant
  - Refractors, Ophthalmic
  - RF Therapy Units
  - Table, Surgical
  - Telemetry
  - Ultrasound, Physical Therapy
  - Ultrasound, Scanner, Vascular

- **Risk 1 Family Section**
  - Blood Warmers/Fluid Warmers
  - Compression Device, Tourniquet
  - Defibrillator
  - Electrosurgical Units (ESU)
  - Incubator – Infant, Transport
  - Pacemaker, External
  - Phacoemulsifier
  - System, Angioplasty

- **Laboratory Family Section**
  - Analyzer
  - Coagulation
  - Cover Slipper
  - Cryostat
  - Hematology
  - Microtome
  - Slide Stainer
  - Tissue Processors

- **Anesthesia Family Section**
  - Anesthesia System – First Look Capability
  - Anesthesia Gas Monitor

- **Respiratory Family Section**
  - Chamber, Hyperbaric
  - Compressor
  - CPAP/BiPAP
  - Humidifiers
  - Oxygen Blender
  - PFTs
  - Polysomnography Analyzers
  - Ventilators

- **Laser Family Section**
  - IPL

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### DIVISION SCOPE OF SERVICE

- Laser, Cosmetic, Dye
- Laser, Ophthalmic, Argon
- Laser, Ophthalmic, Diode
- Laser, Ophthalmic, Krypton
- Laser, Ophthalmic, Neodymium
- Laser, Surgical, CO2
- Laser, Surgical, Dye
- Laser, Surgical, Erbium
- Laser, Surgical, Holmium
- Laser, Surgical, Neodymium
- Micro-Slad
- Slit Lamp
- Dialysis Equipment Family Section
  - Dialysis Equipment
  - Water, Purification, RO
- Heart Lung Equipment Family Section
  - Heart Lung Equipment
- IABP Equipment Family Section
  - IABP Equipment
- Perfusion Equipment
  - Perfusion Equipment
  - Blood Cell Processor
  - Pump, Extracorporeal Perfusion
- Infection Prevention
  - Practices consistent hand hygiene
  - Uses personal protective equipment (PPE)
  - Required immunizations per DHP Division requirements
  - Complies with Isolation precautions

### References:

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**DHP Printed Name:** ______________________  
**DHP Signature:** ________________________

**Company/ Vendor:** ________________________________  
**Date:** __________________________

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