### Division Scope of Service

**Division:** CONTINENTAL

**DHP Classification:** LASER TECHNICIAN

**Name of Dependent Healthcare Professional (DHP):** Laser Technician

#### Laser Technician:
The Laser 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 Laser Technician responsible for assembling, calibrating, testing, troubleshooting and maintaining devices with lasers or actual lasers. They may also assist staff in the operation of the laser and function as the laser safety officer. Scope of Service may include:

- Ensure proper handling of lasers before, during and after procedures.
- Constructs and tests prototype gas or solid-state laser devices, applying theory and principles of laser engineering and electronic circuits: Reviews project instructions, such as assembly layout, blueprints, and sketches, and confers with engineering personnel to clarify laser device specifications.
- Interprets production details, such as dimensions and functional requirements, for workers engaged in grinding mirror blanks, coating mirror surfaces, and machining metal parts.
- Installs and aligns optical parts, such as mirrors and wave plates, in laser body, using precision instruments.
- Turns controls of vacuum pump and gas transfer equipment to purge, evacuate, and fill laser body with specified volume and pressure of gases, such as helium, neon, or carbon dioxide, to test laser beam.
- Assembles completed laser body in chassis, and installs and aligns electronic components, tubing, and wiring to connect controls, such as valves, regulators, dials, and switches.
- Sets up precision electronic and optical instruments to test laser device, using specified electrical or optical inputs.
- Analyzes test data and reports results to engineering personnel.
- May prepare and write technical reports to recommend solutions to technical problems.
- 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 and outpatient imaging centers

#### Supervision:
Direct supervision by department director, site manager or designee

**Evaluator:** Department director, site manager or designee

#### Qualifications:
- American Heart Association health care provider BLS Certification
- Successful completion of an accredited laser training program or laser and LED training

#### State Requirements:
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#### Experience:
Two (2) years of technician experience preferred

#### Competencies:

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DIVISION SCOPE OF SERVICE

The Laser Technician will demonstrate:

- Knowledgeable of the hazards that lasers present to the patient, themselves, and other healthcare personnel
- Completed training and demonstrate knowledge of the location and use of operating the emergency control stop for the type of laser system used
- Capable of adjusting any laser personal protective equipment that is worn by patient or surgical personnel
- Trained in the use of preventative measures for fire hazard associated with the use of laser systems
- Infection Prevention
  - Practices consistent hand hygiene
  - Uses personal protective equipment (PPE)
  - Required immunizations per DHP Division requirements
  - Complies with Isolation precautions

References:
AST Standards of Practice for Laser Safety
http://www.ast.org/uploadedFiles/Main_Site/Content/About_Us/Standard%20Laser%20Safety.pdf

DHP Printed Name: _________________________  DHP Signature: _________________________

Company/ Vendor: ___________________________  Date: ___________________________