



DIVISION SCOPE OF SERVICE

Division: ALL HCA DIVISIONS
Classification: LASER TECHNICIAN
Applicant Name:

<p>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.</p> <p>Definition of Care or Service: The Laser Technician responsible for assembling, calibrating, testing, troubleshooting and maintaining devices with lasers or actual lasers. Scope of Service may include:</p> <ul style="list-style-type: none"> • Arrives with equipment, accessories, and disposables appropriate for the case. • Clean and insure sterilization of equipment prior to procedure • 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. • Tests laser for gas leaks, using leak detector. • Remove, clean, disinfect and/or sterilize equipment after surgical procedure. • 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 Healthcare conduct core fundamentals in daily interactions with patients, families, co-workers and physicians.
<p>Setting(s):</p> <ul style="list-style-type: none"> • Surgical services areas including but not limited to hospitals and outpatient surgery centers
<p>Supervision: Direct supervision by department director, site manager or designee</p>
<p>Evaluator: Department director, site manager or designee</p>
<p>Tier Level: 2</p>
<p>eSAF Access Required: YES</p>
<p>Qualifications:</p> <ul style="list-style-type: none"> • High School Diploma/GED or higher • Successful completion of laser training (Can be found on Skills Checklist) <p>NOTE: Where education may not be defined in qualifications area of the Scope, HCA Healthcare requires the</p>



DIVISION SCOPE OF SERVICE

highest level of education completed (not training or courses) confirmed on your background check.
State Requirements: <ul style="list-style-type: none"> • N/A
Experience: <ul style="list-style-type: none"> • N/A Preferred Experience: <ul style="list-style-type: none"> • Two (2) years of technician experience preferred
Competencies: The Laser Technician will demonstrate: <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> ○ Practices consistent hand hygiene ○ Uses personal protective equipment (PPE) when required ○ Required immunizations per Division requirements ○ Complies with Isolation precautions ○ Maintains sterile field
References: AST Standards of Practice for Laser Safety http://www.ast.org/uploadedFiles/Main_Site/Content/About_Us/Standard%20Laser%20Safety.pdf
Document Control: <ul style="list-style-type: none"> • Made Global 7/26/2019 • Content updates 7/26/2019

Your signature confirms you will be able to comply with the Qualifications and Competencies listed within this Scope of Service and that you will confirm education via your background check.

Applicant Printed Name: _____

Signature: _____

Date: _____