**Marine Electrician Standard Job Description**

**Classification Title:** Marine Electrician

**FLSA Exemption Status:**Non-Exempt

**Pay Grade:** 8

**Job Description Summary:**

The Marine Electrician, under general supervision, provides electrical skills onboard seagoing vessels.

**Essential Duties and Responsibilities:**

**40% Electrical Maintenance and Repair**

* Maintains and repairs lights, motors, pumps, wiring, generators, switches, and other electrical components and systems.
* Conducts daily inspection of electrical systems.
* Lubricates motors to ensure proper operation.
* Maintains all tools and equipment of the trade in good operating condition.

**20% Training and Supervision**

* Works with 5-10 cadets during training sessions and daily maintenance days.
* Teaches cadets skills in engineering, electrical maintenance, and systems operation.
* Assists cadets in troubleshooting and repairing electrical components.

**10% Operational Support**

* Provides electrical skills and support on board a seagoing vessel.
* Coordinates electrical repairs and maintenance as required during vessel operations.

**10% Safety and Compliance**

* Ensures adherence to safety standards and regulations in all electrical maintenance tasks.
* Monitors and reports potential hazards related to electrical systems.

**20% Duty Title (for the department's use)**

* Remaining Percentage Can Be Determined by Department to Meet Business Needs or Can Be Incorporated into Percentages Above.

**Qualifications:**

**Required Education:**

* High school diploma or equivalent combination of education and experience.

**Required Experience:**

* Six months of related experience

**Required Licenses and Certifications:**

* None

**Required Knowledge, Skills, and Abilities:**

* Ability to multitask and work cooperatively with others.

**Additional Information:**

**Machines and Equipment:**

* Electrical and Maintenance Equipment
* Telephone

**Physical Requirements:**

* Ability to lift and move heavy objects.

**Other Requirements and Factors:**

* This position is security sensitive
* This position requires compliance with state and federal laws/codes and Texas A&M University System/TAMU policies, regulations, rules and procedures
* All tasks and job responsibilities must be performed safely without injury to self or others in compliance with System and University safety requirements

**Is this role ORP Eligible? If so, it needs to meet the criteria on the** [**Rules and Regulations of the Texas Higher Education Coordinating Board**](https://reportcenter.highered.texas.gov/reports/data/user-friendly-version-of-ch-25/)**.**

[ ]  **Yes**

[x]  **No**

**Does this classification have the ability to work from an alternative work location?**

[ ]  **Yes**

[x]  **No**