**Radiation Effects Facility Operator I Standard Job Description**

**Classification Title:** Radiation Effects Facility Operator I

**FLSA Exemption Status:**Non-Exempt

**Pay Grade:** 9

**Minimum Pay:** $20.90

**Job Description Summary:**

The Radiation Effects Facility Operator I will work collaboratively with Cyclotron staff to deliver beams to Radiation Effects Facility (REF) customers, maintaining a safe and professional environment.

**Essential Duties and Responsibilities:**

**40% Equipment Operation and Maintenance**

* Operates ion sources, cyclotrons, beam line elements, and REF equipment for the REF customers.
* Assists the Accelerator Technician on duty in monitoring the proper function and safety of the cyclotron facility.
* Tunes the ion source and cyclotron beams as requested by the REF customers.
* Troubleshoots and reports problems with accelerator equipment.
* Contributes to the annual maintenance, repair, and upgrade of REF project equipment.
* Contributes to the overall maintenance of Cyclotron Institute equipment.

**20% Safety and Facility Support**

* Works with the Accelerator Technician on duty to maintain a safe and efficient work environment.
* Takes shift work for the REF project to ensure continuous facility operation.

**10% Customer Assistance and Software Support**

* Assists the REF customers with the SEUSS dosimetry software and end-station equipment.

**10% Research and Development**

* Participates in the design, maintenance, and implementation of improved detector systems for the Cyclotron Institute.

**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:**

* Bachelor’s degree in Physics, Chemistry, Engineering or a closely related field from an accredited college or university, or an equivalent combination of education and experience.

**Required Experience:**

* None

**Required Licenses and Certifications:**

* None

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

* Ability to multitask and work cooperatively with others.

**Additional Information:**

**Machines and Equipment:**

* Computer
* Telephone
* Radiation equipment

**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**