ACCELERATOR PERSONNEL CLASSIFICATIONS

KEY HOLDER

Skills:

- Capable of safe, secure, and unescorted access to restricted areas. Key issued after training.

Training:

- Radiation Safety Orientation by OU RSO
- Accelerator Orientation by OUAL Staff

OPERATOR 1

Skills:

- State minimum requirements for safety, access management, and documentation awareness. Shall not operate accelerator systems beyond emergency condition management, except under supervision of OPERATOR 2. (See also “Console Policy”)

Training:

- Must be a Key Holder
- Alarm Systems and written test
- Operator Level Radiation Safety Orientation by OU RSO and written test.
- Location of required information in Control Room Books
- Use of Direct Reading Dosimeter

OPERATOR 2

Skills:

- General understanding of vacuum, source, and accelerator components. Ability to operate accelerator and common beam line controls, and shut down/secure facility at operation conclusion. May operate without supervision, may supervise an OPERATOR 1.

Training:

- Overview of vacuum, source, accelerator, magnet, and electrostatic component functionality
- Demonstrated ability to operate common beam lines, produce a non-analyzed beam at the analyzer faraday cup, and secure facility for non-operation.
- Written test on operation and control of common beam line components.

OPERATOR 2 SKILL SPECIFIC ENDORSEMENTS

Beam Legs: Swinger, 15L, 30L, 23R, 45R, 65R

- Sputter Source Target Change

NMR

- Alpha Source Gas Change

Pulse & Bunch

- Tritium Gas Handling

Sputter Source Startup

- Tritium Solid Target Handling

Alpha Source Startup

- Tritium Awareness