

# 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.

### **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