



SU-675

Apex-Guard™ Software Operations

DESCRIPTION

This course focuses on the Apex-Guard software setup and operation, which provides enhanced controls, data security, and audit features. The class is intended for count room managers and technicians responsible for setup, processing, reporting and data review of Gamma samples. The training will cover the architecture of the Apex-Guard environment, interactions with Genie™ utilities and facility database software, installation, operational setups, security, sample counting job streams, reports, QA, data review, and event logging. Discussions will also include regulatory compliance through the use of the enhanced security features of Apex-Guard software and Mirion's Installation Qualification and Operational Qualification Service (IQ/OQ).

HOW YOU WILL BENEFIT

This course is designed to be the basic system setup and operation training for the Apex-Guard count room software product.

COURSE CONTENT

- ✓ Apex-Guard Overview
 - General Product Description and Requirements
 - Interaction with Genie
 - Interaction with Databases – Backups
 - User Accounts and Permissions
 - Count Room Automation
- ✓ Introduction to Basic Inputs Genie Editors
 - Defining Detector Inputs with the MID Editor
 - Nuclide Identification Library File Editor
 - Analysis Sequence File Editor
 - Certificate File Editor
 - Quality Assurance File Editor

- ✓ Plan Before You Begin Apex-Guard Setup
 - Facilities, Workstations, and Detectors
 - Apex Operation Environment Configurations
 - Apex Directory Structure
- ✓ Apex Operation Setups
 - Facility – Group – Detectors – Workstations
 - General Cal-Efficiency – Geometries
 - Data Review – QA – Reports
 - Audit Log – Display
 - Editors – Libraries – Data Integrity
- ✓ Apex Detector Calibration
 - Energy Calibration
 - Efficiency Calibration
 - Calibration Approval
 - Confirmation and Recalibration
- ✓ Apex Sample Setup
 - Sample – Import
 - Procedures – Sample Types
- ✓ Apex Main – Sample Processing
 - Counting Logged Samples
 - Counting Un-logged Samples
- ✓ Apex Reports and Data Review
 - Change Authorization Report
 - Analysis History
 - Digital Signatures
- ✓ Installation Qualification and Operational Qualification Service

PREREQUISITES

The SU-470 Genie Basic Operations or equivalent familiarity with Mirion's Genie spectroscopy application software.

