MIRION TECHNOLOGIES

SU-803

Eclipse™ Alpha Beta Training

MIRIONSERVICES

DESCRIPTION

This 3-day course covers all aspects of current version Eclipse operation in conjunction with Tennelec™ Alpha/Beta counters. It is an introductory course that begins with hardware familiarization and proceeds through setup, calibration, and sample counting. The course then covers more advanced functionality such as the Microsoft Access database, custom report generation, and report modification using Seagate Crystal Reports.

Attendees will examine the Microsoft Access database and learn how Eclipse data is stored. Seagate Crystal Reports is discussed in-depth during the class, and multiple versions of Crystal Reports are typically presented. Crystal Reports syntax, formula editing, and advanced features will be discussed. Attendees are encouraged to bring copies of their custom reports to be reviewed and edited during the class. Hands-on learning is encouraged, both with the hardware and the software. Hardware varies by location, but typically includes vintage Tennelec systems as well as state-of-the-art systems. Attendees are encouraged to provide feedback as to how Eclipse software is currently being used in their labs, and what suggested changes should be made in the future. Course content will be tailored to best satisfy the needs of the individual attendees. At least 35% of the class time is dedicated to hands-on exercises.

HOW YOU WILL BENEFIT

There are no specific prerequisites for this course, though attendees will derive more benefit from this course if they have a basic understanding of Microsoft Windows 95/98/NT/2000/XP operating systems as well as basic computer literacy.

WHO SHOULD ATTEND

Nuclear facility count-room personnel as well as health physics and radiation protection professionals who are responsible for the set-up, operation, and/or reporting of gross alpha and gross beta results will greatly benefit from this class.

COURSE CONTENT

- Eclipse Software
- Basic and Advanced Operation
- Calibrations
- Automatic Calibrations
- Automatic QC Checks
- Sample Manager
- Sample Counting
- Eclipse Calculations
- Eclipse LB Utilities
- Eclipse Quality Control/Statistical Process Control
- Tennelec Hardware
  - Series 5 Hardware Familiarization and Maintenance
  - Older Tennelec Hardware Familiarization and Maintenance (hardware varies by location)
- Other Operations
  - System Utilities
  - Custom Report Generation
  - Remote Link and other Technical Support Options

PREREQUISITES

There are no specific prerequisites for this course, though attendees will derive more benefit from this course if they have a basic understanding of Microsoft Windows 95/98/NT/2000/XP operating systems as well as basic computer literacy.

To register, visit
www.mirion.com/na-courses

MIRION UNIVERSITY

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