

Coal Systems and Applications

Prior to Delivery

Radiation Safety Officer (RSO)

What: 5 days ("40 hr") course to provide the training and experience required for obtaining the RSO qualification by the NRC – cfr. NUREG 1556, Vol. 4.

Who: designated Site Radiation Safety Officer

When: within one year of delivery of radioactive materials on site and whenever personnel turnover at site occurs

Where: Regional Training Facility

Why: to meet U.S. NRC requirements; To ensure specificity of training by the instrument maker itself.

Pre-Installation Training

What: 3 days course to review and address specific installation requirements and to train (hands-on) on the start-up and use of the instrument.

Who: Lead User(s) and Project Manager(s)

When: in advance of physical installation at site, preferably prior to shipment of the unit

Where: Factory Training Facility

Why: to optimize all resources for the installation and start-up of the instrument.

Delivery / Commissioning

Basic Radiation Safety & Operator

What: 1 day course to review the on-site radiation safety procedures and practices and to familiarize with the routine use and maintenance of the instrument.

Who: all Users, Maintenance Staff, and Operators

When: during Start-up / Commissioning

Where: at site

Why: to ensure the instrument is used and maintained safely and correctly by site personnel.

Control System: COBOS

What: 2 day course to review the setting up and initial tuning of the process control system.

Who: Lead User(s) and Process Engineering / Quality Control Staff

When: immediately following Commissioning

Where: at site

Why: to obtain the practical and site specific knowledge that allows the identification and resolution of basic but critical control issues.

Annual Training

Basic Radiation Safety

What: ½ day course to review the on-site radiation procedures and practices.

Who: all Users and Maintenance Staff

When: annually

Where: at site

Why: to ensure the instrument is safely used and maintained by the site personnel.

Basic Operator

What: ½ day course to review the routine use and maintenance of the instrument.

Who: all Operators

When: annually

Where: at site

Why: to ensure the instrument is correctly used and maintained by the site personnel.

Advanced Training

Operations & Maintenance

What: 3 days course to maximize the knowledge of the instrument hardware and software allowing the site personnel to operate and maintain the instrument at its potential.

Who: Lead User(s) and Maintenance Staff

When: bi-annually

Where: Factory Training Facility

Why: to increase the deliverable process benefit through expert use and maintenance of the instrument.

Advanced Control System

What: 3 days course to maximize the knowledge of the process control system allowing the site personnel to apply the most appropriate control strategy to the production process.

Who: Lead User(s) and Process Engineering / Quality Control Staff

When: as needed

Where: Factory Training Facility or at site

Why: to increase the deliverable process benefit through expert use of the process control system.

Customer Responsibilities:

- **Travel & Living Expenses:** All prices for on-site Training are exclusive of Travel & Living Expenses. Customers are responsible for all Travel & Living Expenses when visiting the Factory Training Facility.