



Basic Inspection Workbook

This self-study course provides new inspectors with an introduction to the inspection and enforcement aspects of regulatory programs. The workbook is designed for use in conjunction with applicable regulatory program requirements.

TOPICS COVERED

Overview of Surface Mining Activities

- ▼ Sequence of Surface Mining Activities
- ▼ Surface Mining Equipment
- ▼ Regional Characteristics of Surface Mines
- ▼ Surface Mining Techniques

Inspection Responsibilities

- ▼ Preparation for an Inspection
- ▼ Inspection Procedures

Enforcement Responsibilities

- ▼ Enforcement Actions
- ▼ Alternative Enforcement Techniques
- ▼ Penalty Assessments
- ▼ Appeals and Hearings

Materials Handling and Storage

- ▼ Removal of Vegetation
- ▼ Soil Handling Procedure
- ▼ Removal and Storage of the Overburden
- ▼ Special Categories of Mining

Hydrologic Standards

- ▼ Surface Water Hydrology
- ▼ Inspection of Drainage Control Structures
- ▼ Other Surface Water Concerns
- ▼ Groundwater Hydrology
- ▼ Acid-Mine Drainage
- ▼ Monitoring and Water Rights
- ▼ Water Sampling Procedures

Blasting Standards

- ▼ Types of Explosives
- ▼ Public Safety
- ▼ Control of Adverse Effects
- ▼ Citizen Complaints
- ▼ Blasting Records
- ▼ On-Site Inspections

Reclamation

- ▼ Backfilling and Grading
- ▼ Replacement of Topsoil
- ▼ Revegetation
- ▼ Bond Release

Surface Effects of Underground Mining

- ▼ Differences Between Surface and Underground Operations
- ▼ Methods of Underground Mining
- ▼ Inspector Responsibilities

WHO SHOULD ATTEND: New inspectors with less than six months of surface mining experience.

COMMENTS: No in-class sessions are held for this self-study course. Please call (202) 208-2769 to obtain copies of the workbook.

National Technical Training Program: (202) 208-2769