MODULE 66101-02 - INTRODUCTION TO THE PIPELINE INDUSTRY

Transparencies
Markers/chalk
Blank acetate sheets
Transparency pens
Pencils and scratch paper
Copies of Quick Quiz*
Module Examinations**
Overhead projector and screen
Whiteboard/chalkboard
Appropriate personal protective equipment
Copies of your company’s policy and procedures manual
Samples of P&IDs, blueprints, and strip maps/alignment sheets
Posterboard or other large sheets of paper
Colored markers
Assorted valves
Copies of API 650 and API 653
Copies of API 510 and 2510
Assorted fittings
Copies of 49 CFR Part 192 (Gas) and/or 49 CFR Part 195 (Liquid), including Parts 192.327 and 195.248
Assorted corrosion coupons
Various examples of documentation, including:
Operations logs
Work orders
Event logs
MODULE 65102-02 - CONTROL CENTER ABNORMAL OPERATING CONDITIONS

Transparencies
Markers/chalk
Blank acetate sheets
Transparency pens
Pencils and scratch paper
Module Examinations*
Overhead projector and screen
Whiteboard/chalkboard
Appropriate personal protective equipment
Copies of your company’s policy and procedure book
Copies of 49 CFR Part 195
Copies of your company’s safety-related condition report form or the one in Figure 1
Copies of your company’s incident report form or the one in Figure 2
Copies of incident report form instructions (available at http://ops.dot.gov)
Sample documentation forms such as:
  • Incident investigation and analysis report
  • Incident report
  • Event notification forms
  • Control center logs
  • Station logs (if involved)
  • Records of recommendations for corrective actions and training
  • Documentation of such corrections and training after completed
Copies of brief hypothetical scenarios of various AOCs (instructor must create)

MODULE 65103-02 - BASIC PIPELINE HYDRAULICS AND EQUIPMENT

Transparencies
Markers/chalk
Blank acetate sheets
Transparency pens
Pencils and scratch paper
Module Examinations*
Performance Profile Sheets*
Overhead projector and screen
Whiteboard/chalkboard
Appropriate personal protective equipment
Copies of your company’s policy and procedure book
Copies of the Quick Quiz**
Copies of 49 CFR 195
Copies of sample P&IDs
Copies of a sample ISO
MODULE 65104-02 - PIPELINE COMMUNICATIONS

- Transparencies
- Markers/chalk
- Blank acetate sheets
- Transparency pens
- Pencils and scratch paper
- Module Examinations*
- Overhead projector and screen
- Whiteboard/chalkboard
- Appropriate personal protective equipment
- Copies of your company’s policy and procedure book
- Blank work order forms (one per trainee)
- Samples of nominations, product specs, PTOs, batch changes, and written confirmations
- Copies of your company’s call investigation report sheet or Figure 1
- A variety of educational brochures or items used to notify residents of pipeline systems (at least one per trainee)
- Copies of 49 CFR 192.614 and 195.442 (one per trainee)
- Photos, pictures, or drawings of various right-of-way markers

MODULE 65105-02 - MONITORING PIPELINE OPERATIONS – CONTROL CENTER (CT 43.3)

- Transparencies
- Markers/chalk
- Blank acetate sheets
- Transparency pens
- Pencils and scratch paper
- Module Examinations*
- Performance Profile Sheets*
- Copies of the Performance Verification for CT 43.3**
- Overhead projector and screen
- Whiteboard/chalkboard
- Appropriate personal protective equipment
- Copies of your company’s policy and procedure book
- Copies of several printouts of SCADA screen captures
- Blade or other piece of metal that has undergone cavitation
- Samples of fatigued metal
- Various RTDs
- Electric motors
- Samples of incident reports, event notification forms, incident investigation and analysis reports, control center logs, and station logs
MODULE 65106-02 - ROUTINE CONTROL CENTER OPERATIONS (CT 43.1, 43.2, AND 43.4)

Transparencies
Markers/chalk
Blank acetate sheets
Transparency pens
Pencils and scratch paper
Module Examinations*
Performance Profile Sheets*
Copies of the Performance Verification for CT 43.1, 43.2, and 43.4**
Overhead projector and screen
Whiteboard/chalkboard
Appropriate personal protective equipment
Copies of your company’s policy and procedure book
Copies of 49 CFR 195.402

MODULE 65107-02 - LIQUID PIPELINE MEASUREMENT AND QUALITY CONTROL

Transparencies
Markers/chalk
Blank acetate sheets
Transparency pens
Pencils and scratch paper
Module Examinations*
Performance Profile Sheets*
Overhead projector and screen
Whiteboard/chalkboard
Appropriate personal protective equipment
Copies of your company’s policy and procedure book
Assorted Draeger tube unit and tubes
Sample custody tickets