LEVEL ONE

MODULE 66101-02 – INTRODUCTION TO THE PIPELINE INDUSTRY

1. Explain the basic functions and purposes of pipelines and facilities and identify the characteristics and hazards of common pipeline products.
2. Identify maps and drawings used to depict pipelines and facilities.
3. Explain the roles of control personnel and equipment in the overall operation of a pipeline.
4. Explain liquid pipeline hydraulics and gas pipeline pneumatics.
5. Explain the types and purposes of pipeline equipment.
6. Explain pipeline electrical power systems and corrosion control.
7. Review operations, maintenance, and emergency procedures and perform documentation required for pipeline operations.

MODULE 66102-02 – LIQUID PIPELINE GENERAL ABNORMAL OPERATING CONDITIONS

1. Recognize and react to abnormal facility conditions.
2. Recognize and react to activation of a safety device.
3. Recognize and react to communications failures.
4. Recognize and react to power interruptions.
5. Respond appropriately to fire, explosions, and natural disasters.
6. Recognize and react to pipeline system damage.
7. Recognize and react to unexpected hazardous liquid or carbon dioxide (CO2) leaks.
8. Recognize and react to unexplained pressure deviations.

MODULE 62103-02 – RELEASE IDENTIFICATION AND RESPONSE

1. Describe company environmental manuals and regulations.
2. Describe United States Coast Guard responsibilities.
3. Describe spill prevention.
4. Recognize soil contamination.
5. Explain spill reporting and spill containment.

MODULE 62104-02 – TOOLS OF THE TRADE

1. Use and maintain hand and power tools.
2. Identify and explain the use of welding equipment.
3. Explain the use of meters and testers.
4. Explain the use of nondestructive testing tools.
5. Identify and explain the use of lifting and excavation equipment.
MODULE 62105-02 – PIPELINE DOCUMENTATION

1. Read alignment sheets.
2. Identify and explain documentation processes and forms.

MODULE 62106-02 – PREVENTING PIPELINE DAMAGE (CT 14 AND 28)

1. Explain the One-Call system.
2. Perform tasks to prevent third-party and in-house damage (CT 28).
3. Explain public awareness activities.
4. Place and maintain permanent line markers (CT 14).

MODULE 62107-02 – EXCAVATING AND BACKFILLING

1. Explain OSHA requirements for excavating.
2. Explain locating pipelines (CT 17).
3. Explain permits.
4. Explain exposing pipeline.
5. Explain damage inspection.
6. Explain reporting obvious defects.
7. Explain water inspection.
8. Explain backfilling (CT 39).
Level Two

MODULE 62201-02 – RIGHT-OF-WAY INSPECTION (CT 15 AND 16)
1. Inspect navigable water crossings (CT 16).
2. Perform vehicle/foot and aerial patrols.
3. Inspect surface conditions of the right-of-way (CT 15).

MODULE 62202-02 – FACILITY INSPECTION (CT 27)
1. Inspect facilities (buildings).
2. Perform routine monthly inspections of breakout tanks (CT 27.1).
3. Perform inspections of in-service breakout tanks (CT 27.2).
4. Perform vault inspection and maintenance.

MODULE 62203-02 – VALVE INSPECTION (CT 20)
1. Identify the types of valves used to start and stop flow on a pipeline.
2. Identify the types of valves used to regulate flow on a pipeline.
3. Identify and explain the functions of the various types of relief valves.
4. Perform a routine walk-around valve inspection and an external integrity inspection (CT 20.1 and 20.2).
5. Function test and leak test a valve (CT 20.3 and 20.4).
6. Perform preventative maintenance on pipeline valves.
7. Perform regular lubrication of valves, and winterize valves.
8. Install threaded and flanged valves.

MODULE 62204-02 – PIPELINE COATING INSPECTION (CT 5)
1. Identify pipeline coating types, and describe characteristics.
2. Identify pipeline coating problems (CT 5.1).
3. Inspect pipeline coating for damage (CT 5.3).
4. Inspect pipeline coating for external corrosion (CT 5.2).

MODULE 62205-02 – PIPE INSPECTION AND NONDESTRUCTIVE TESTING
(CT 38.1, 38.2, AND 38.3)
1. Identify types of NDE testing.
2. Prepare welds for NDE testing.
3. Visually inspect pipe and pipe components (CT 38.1).
4. Direct/verify a nondestructive weld test (CT 38.2).
5. Visually inspect that welds meet DOT requirements (CT 38.3)

MODULE 62206-02 – PIPELINE MAINTENANCE (CT 18 AND 52)
1. Locate underground structures
2. Maintain the pipeline route.
3. Excavate utilities and pipeline components.
4. Apply coatings.
5. Perform flange tightening.
6. Run pigs and perform maintenance pigging.
7. Inspect the pipeline following excavation activities, and perform a leakage survey after blasting (CT 18).
8. Conduct a leakage survey of a natural gas pipeline (CT 52).
'1. Explain the purpose of hydrostatic testing.
2. Prepare for hydrostatic testing.
3. Perform hydrostatic testing procedures (CT 41).
Level Three

MODULE 62301-02 – GENERAL MAINTENANCE & WINTERIZING PIPELINE EQUIPMENT
1. Explain preventive and predictive maintenance.
2. Perform general maintenance on rotating equipment.
3. Maintain pumps and prime movers.
4. Maintain tank mixers.
5. Winterize pipelines and equipment.

MODULE 62302-02 – PIPELINE DAMAGE INSPECTION (CT 34 AND 35)
1. Identify types and sources of pipeline damage.
2. Check problem areas for pipeline integrity (CT 34 and 35).

MODULE 62303-02 – PERFORMING IN-LINE INSPECTIONS (CT 29)
1. Complete preparations for pigging.
2. Identify types of smart pigs.
3. Run pigs (CT 29).
4. Follow up on collected data.

MODULE 62304-02 – PIPELINE REPAIR (CT 9.5, 37, 40.1-40.5, 40.7, AND 40.91)
1. Install pipe sleeves (CT 40.1, 40.2, 40.4, 40.5).
2. Install clock springs (CT 40.3).
3. Cut out and replace pipe.
4. Perform 2” tap (CT 40.7, 40.91).
5. Repair shorted casing (CT 9.5).
6. Install and repair support structures (CT 37).
7. Repair insulation.

MODULE 62305-02 – RELocATING AND LOWERING PIPELINES (CT 33 AND 34)
1. Perform preparation for moving pipeline.
2. Explain in-service and out-of-service pipeline (CT 33.1 and 33.2).
3. Perform movement of the pipeline (CT 33.3).
4. Inspect the pipeline (CT 34).
5. Backfill the excavation.

MODULE 62306-02 – HOT TAPPING AND STOPPLING® – 2.5” AND LARGER (CT 40.6, 40.8, 40.9, AND 40.91)
1. Explain hot tap safety and potential hazards.
2. Identify and install fittings used with hot taps (CT 40.6).
3. Explain the use of hot tap machines (CT 40.8).
4. Identify and explain the use of stopples (CT 40.9, 40.91).
MODULE 62307-02 – TANK REPAIR
1. Tighten tank connection flanges and perform tank hot tapping.
2. Perform nondestructive testing on tanks.
3. Perform flange electrical insulating and welding on tanks.
4. Repair and replace tank bottoms.
5. Move tanks for repair and repair arc burns and welds.
6. Perform roof installation.
7. Demolish and build internal/external floating roof tanks.
8. Replace in-service seals on floating roof tanks and remove/install nozzles, manways, and sumps.

MODULE 62308-02 – MAINTENANCE WELDING ON PIPELINES (CT 42)
1. Repair arc burns (CT 42.1).
2. Repair defective welds (CT 42.2).
3. Repair direct pass defects (CT 42.3).
4. Repair butt welds (CT 42.4).
5. Repair previously repaired welds (CT 42.5).
6. Replace a weld or cylinder of pipe (CT 42.6).
7. Explain general welding procedures.
8. Deal with problems when found.

MODULE 62309-02 – PERFORMING PIPELINE DISCONNECTION PROCEDURES (CT 36)
1. Perform the safe disconnect of pipeline facilities (CT 36.1).
2. Purge pipeline facilities (CT 36.2).
3. Seal a disconnected portion of pipeline (CT 36.3).

MODULE 62310-02 – VAULT MAINTENANCE AND CONFINED SPACE ENTRY (CT 59)
1. Explain confined space entry hazards.
2. Perform confined space entry safety requirements.
3. Perform vault inspections (CT 59).
Level Four

MODULE 62401-03 – RADIOGRAPHIC TESTING OF PIPELINE WELDS

1. Describe how X-ray and gamma ray techniques are used in the examination of pipe welds.
2. List the safety procedures and identify the detection devices used to ensure the safety of persons working with or near radiographic testing.
3. Describe in detail the exposure techniques used in radiographic testing.
4. Explain the equipment and methods used in processing radiographic film.
5. List the main requirements for radiographic testing defined in API 1104.
6. Demonstrate to the satisfaction of the instructor the ability to expose and process radiographic film. (CT 38.4)
7. Demonstrate to the satisfaction of the instructor the ability to recognize and identify weld conditions by examining radiographic film of pipe welds. (CT 38.4)
Level One

MODULE 62103-02 - RELEASE IDENTIFICATION AND RESPONSE

- Transparencies and blank transparencies
- Markers/chalk
- Pencils and scratch paper
- Plastic painter’s drop cloth
- Shoebox lined with heavy-duty plastic wrap or plastic box of similar size
- Small bag of sand mixed with garden soil and rocks
- Garden trowel
- Wide, shallow plastic bowl
- Bottle of water
- Flexible plastic tubing
- Small bottle of automobile oil
- Plastic trash bags
- Paper towels
- Module Examinations
- Performance Profile Sheets
- Overhead projector and screen
- Whiteboard/chalkboard
- Appropriate personal protective equipment
MODULE 62104-02 – TOOLS OF THE TRADE

- Transparencies
- Felt-tip markers/chalk
- Blank acetate sheets
- Transparency pens
- Pencils and scratch paper
- Copies of the Quick Quiz
- Module Examinations
- Performance Profile Sheets
- Overhead projector and screen
- Whiteboard/chalkboard
- Appropriate personal protective equipment
- Probe rod
- Assorted types of wrenches, including bolt-thru ratchets and hammer/slug wrenches
- Banding tool and band
- Rotary pipe cutter
- Flange spreaders
- Line plugging/stoppling equipment
- Assorted pit gauges
- Assorted lengths of pipe of different thicknesses
- Hand drilling and tapping machines
- Multi-gas monitor
- Line locator
- Dye penetrant

MODULE 62105-02 – PIPELINE DOCUMENTATION

- Transparencies and blank transparencies
- Markers/chalk
- Highlighter
- Pencils and scratch paper
- Masking tape or pushpins
- Graph paper
- Module Examinations
- Performance Profile Sheets
- Overhead projector and screen
- Whiteboard/chalkboard
- Elevation scale
- Samples of topographic maps, strip maps, piping and instrumentation diagrams (P&IDs), and electrical blueprints
- Appropriate personal protective equipment
MODULE 62106-02 - PREVENTING PIPELINE DAMAGE

- Transparencies
- Felt-tip markers/chalk
- Posterboard
- Blank acetate sheets
- Transparency pens
- Pencils and scratch paper
- Tape or tacks
- Strip maps (in addition to the trainee book)
- Copies of the Performance Verification for Covered Tasks in 14 and 28
- Copies of the Quick Quiz
- Module Examinations
- Performance Profile Sheets
- Overhead projector and screen
- Whiteboard/chalkboard
- Appropriate personal protective equipment
- Probe
- Line locator

MODULE 62107-02 - EXCAVATING AND BACKFILLING

- Transparencies and blank transparencies
- Markers/chalk
- Pencils and scratch paper
- Empty 3′ × 3′ × 3′ cardboard box
- Tape measure
- Stick locator
- Sample permanent pipeline marker
- Electromagnetic (battery-operated) locator
- Split box locator
- Induction set
- Copies of the Quick Quiz
- Module Examinations
- Performance Profile Sheets
- Copies of the Performance Verification for Covered Tasks 17 and 39
- Overhead projector and screen
- Whiteboard/chalkboard
- Appropriate personal protective equipment

The instructor will determine the number of the following items needed based on class size:

- Plastic buckets
- Two-liter water bottles
- Small bags of various soil types (sand, potting soil, clay, fill dirt, and so on)
- Garden trowels or large spoons
Level Two

MODULE 62201-03 – RIGHT-OF-WAY INSPECTION

Transparencies
Markers/chalk
Blank acetate sheets
Transparency pens
Pencils and paper
Module Examinations
Performance Profile Sheets
Overhead projector and screen
Whiteboard/chalkboard
Appropriate personal protective equipment
Copies of your company’s policy and procedures manual
Probing/sonar equipment
Copies of 49 CFR Part 195 (Liquid) and/or 49 CFR Part 192 (Gas)
Copies of a blank pipeline report form
Samples of drawings of navigable water crossings
Copies of the Performance Verifications for Covered Tasks 15 and 16 '

MODULE 62202-03 – FACILITY INSPECTION

Transparencies
Markers/chalk
Blank acetate sheets
Transparency pens
Pencils and paper
Module Examinations
Performance Profile Sheets
Copies of Quick Quiz
Overhead projector and screen
Whiteboard/chalkboard
Appropriate personal protective equipment
Copies of your company’s policy and procedures manual
Copies of 49 CFR Part 195 (Liquid) and/or 49 CFR Part 192 (Gas)
Equipment required for security system inspection
Equipment required for pipeline facility inspection
Equipment required for monthly inspection of a tank
Copies of API Standard 653
Equipment for performing a 5-year in-service inspection of a tank
Copies of the Performance Verifications for Covered Task 27'
MODULE 62203-03 – VALVE INSPECTION

- Transparencies
- Markers/chalk
- Blank acetate sheets
- Transparency pens
- Pencils and paper
- Module Examinations
- Performance Profile Sheets
- Copies of Quick Quiz
- Overhead projector and screen
- Whiteboard/chalkboard
- Appropriate personal protective equipment
- Copies of 49 CFR Part 195 (Liquid) and/or 49 CFR Part 192 (Gas)
- Copies of your company’s policy and procedures manual
- A variety of valves
- Copies of Figure 17 with callouts covered (leave callout lines exposed)
- Copies of a complete valve maintenance log
- Equipment required for removing and repacking a valve
- Equipment required for lubricating a valve
- Equipment required for winterizing a valve
- Copies of the Performance Verifications for Covered Task 20†

MODULE 62204-03 – PIPELINE COATING INSPECTION

- Transparencies
- Markers/chalk
- Blank acetate sheets
- Transparency pens
- Pencils and paper
- Module Examinations
- Performance Profile Sheets
- Copies of Quick Quiz
- Overhead projector and screen
- Whiteboard/chalkboard
- Appropriate personal protective equipment
- Copies of your company’s policy and procedures manual
- Samples of various types of coating
- Examples (or pictures) of various types of coating failure
- Pearson holiday detector
- Samples of pitted steel and rusted metal
- Inspection equipment, including pipeline inspection report forms
- Copies of the Performance Verifications for Covered Task 5†
- Copies of 49 CFR Part 195 (Liquid) and/or 49 CFR Part 192 (Gas)
MODULE 62205-03 – PIPELINE INSPECTION AND NONDESTRUCTIVE TESTING

- Transparencies
- Markers/chalk
- Blank acetate sheets
- Transparency pens
- Pencils and paper
- Module Examinations
- Performance Profile Sheets
- Overhead projector and screen
- Whiteboard/chalkboard
- Copies of 49 CFR Part 195 (Liquid) and/or 49 CFR Part 192 (Gas)
- Appropriate personal protective equipment
- Copies of your company’s policy and procedures manual
- Inspection equipment and pipe components
- Material and equipment for a pre-fit-up inspection
- Material and equipment for a fit-up inspection
- Samples of root passes that failed inspection
- Flexible fibroscope and/or videoscope
- Copies of Table 1
- Copies of the Performance Verifications for Covered Tasks 38.1, 38.2, and 38.3'

MODULE 62207-03 – HYDROSTATIC TESTING

- Transparencies
- Markers/chalk
- Blank acetate sheets
- Transparency pens
- Pencils and paper
- Module Examinations
- Performance Profile Sheets
- Copies of Quick Quiz
- Overhead projector and screen
- Whiteboard/chalkboard
- Appropriate personal protective equipment
- Copies of 49 CFR Part 195 (Liquid) and/or 49 CFR Part 192 (Gas)
- Copies of your company’s policy and procedures manual
- Required equipment for conducting a pressure test
- Copies of the Performance Verifications for Covered Task 41'
Level Three

MODULE 62301-03 – GENERAL MAINTENANCE AND WINTERIZING PIPELINE EQUIPMENT

- Transparencies
- Markers/chalk
- Blank acetate sheets
- Transparency pens
- Pencils and scratch paper
- Module Examination
- Overhead projector and screen
- Whiteboard/chalkboard
- Appropriate personal protective equipment
- Copies of 49 CFR Part 192 (Gas) and/or 49 CFR Part 195 (Liquid)
- Copies of your company policy and procedures manual
- Vibration meter
- Bearings that have loose and/or cracked housings, loose bolts, and seal problems
- A variety of machine monitoring equipment, including
  - Surface thermometers
  - Stethoscopes and microphones
  - Vibration monitors
  - Balancing machines
- Variety of pump maintenance cards or computerized maintenance management system records
- Manufacturer’s instruction manual for the service and maintenance of the following:
  - Pump or prime movers
  - Gas compressors
  - Tank mixers
MODULE 62302-03 – PIPELINE DAMAGE INSPECTION

- Transparencies
- Markers/chalk
- Blank acetate sheets
- Transparency pens
- Pencils and scratch paper
- Module Examinations
- Performance Profile Sheets
- Copies of Performance Verifications for Covered Tasks 34 and 35**
- Overhead projector and screen
- Whiteboard/chalkboard
- Appropriate personal protective equipment
- Copies of 49 CFR Part 192 (Gas) and/or 49 CFR Part 195 (Liquid)
- Copies of your company policy and procedures manual
- Lists of information that a One-Call operator would request
- Battery-powered locator
- Pipeline strip maps and alignment sheets
- Search records and maps for a company pipeline
- As-built records or maps for a foreign pipeline or structure
- Blank copies of an exposed pipe report (or foreign line crossing report)
- Blank copies of a typical report form
- Sections of pipeline with and without coating damage
- Sections of damaged pipeline insulation
- Materials necessary to patch pipeline insulation, including:
  - Cleaning materials
  - Insulation knives
  - Dow Styrofoam HI-60 (or similar foam)
  - Mastic
MODULE 62303-03 – PERFORMING IN-LINE INSPECTIONS

Transparencies
Markers/chalk
Blank acetate sheets
Transparency pens
Pencils and scratch paper
Module Examinations
Performance Profile Sheets
Copies of Quick Quiz
Copies of Performance Verifications for Covered Task 29
Overhead projector and screen
Whiteboard/chalkboard
Appropriate personal protective equipment
Copies of 49 CFR Part 192 (Gas) and/or 49 CFR Part 195 (Liquid)
Copies of your company policy and procedures manual
Photos or samples of cleaning pigs, including
  Foam pigs
  Brush-equipped pigs
  Scraper disc and cone-equipped pigs
  Gel pigs
Photos or samples of sizing pigs, including
  Caliper pigs
  Pipe deformation pigs
Vendor manuals for handling and preventing damage to pigs
Sample hard copies and CD-based sets of data obtained by in-line inspection tools
Sample rubbings and/or tracings
Materials to take rubbings and tracings
Sample dig sheets
Completed inspection report forms
Sections of damaged pipe
Blank inspection report forms
Sample repair schedules
MODULE 62304-03 – PIPELINE REPAIR

- Transparencies
- Markers/chalk
- Blank acetate sheets
- Transparency pens
- Pencils and scratch paper
- Module Examinations
- Performance Profile Sheets
- Copies of Quick Quiz
- Copies of Performance Verifications for Covered Tasks 9.5, 37, 40.1–40.5, 40.7, and 40.91
- Overhead projector and screen
- Whiteboard/chalkboard
- Appropriate personal protective equipment
- Copies of 49 CFR Part 192 (Gas) and/or 49 CFR Part 195 (Liquid)
- Copies of your company policy and procedures manual
- Blank repair reports
- News articles about accidents that occurred during pipeline repair and/or maintenance
- Sections of damaged and undamaged pipe
- A variety of split sleeves, including
  - PLIDCO® Split+Sleeves
  - LDS sleeves
  - Pressure-containment sleeves (with and without collars)
- A variety of pipe sleeves, including
  - Oversleeves
  - Tight-fitting sleeves
  - Clock Spring® sleeves
- Materials to perform wire buffing and abrasive blasting
- Materials to install a pig-detectable patch, including
  - Pig-detectable patches
  - Filler material
  - Epoxy
  - Fiberglass tape
  - Approved coating
- Weld Plus couplings
MODULE 62305-03 – RELOCATING AND LOWERING PIPELINES

- Transparencies
- Markers/chalk
- Blank acetate sheets
- Transparency pens
- Pencils and scratch paper
- Module Examinations
- Performance Profile Sheets
- Copies of Performance Verifications for Covered Tasks 33 and 34
- Overhead projector and screen
- Whiteboard/chalkboard
- Appropriate personal protective equipment
- Copies of 49 CFR Part 192 (Gas) and/or 49 CFR Part 195 (Liquid)
- Copies of your company policy and procedures manual
- Sample pipeline movement plan
- Pipeline alignment sheets
- Pipeline markers
- Sections of pipe
- Pipe locators
- Line markers
- Probe rods
- Soil samples for class A, B, and C soils
- Containers, buckets, and hand spades
- Pipeline inspection forms
MODULE 62306-03 – HOT TAPPING AND STOPPLING® – 2½" AND LARGER

- Transparencies
- Markers/chalk
- Blank acetate sheets
- Transparency pens
- Pencils and scratch paper
- Module Examinations
- Performance Profile Sheets
- Copies of Performance Verifications for Covered Task 40
- Overhead projector and screen
- Whiteboard/chalkboard
- Appropriate personal protective equipment
- Copies of 49 CFR Part 192 (Gas) and/or 49 CFR Part 195 (Liquid)
- Copies of your company policy and procedures manual
- Copies of Figures 1 through 3 without titles
- Pipe coupon
- Hole saw
- Hot tap machine
- Tools and materials to install and operate a hot tap machine
- Hot tap machine manufacturers’ manuals
- Stopple® fittings
- Tools and materials to install and remove Stopple®
- LOCK-O-RING® plugs
- Tools and materials to set completion plugs
MODULE 62307-03 – TANK REPAIR

- 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 49 CFR Part 192 (Gas) and/or 49 CFR Part 195 (Liquid)
- Copies of your company policy and procedures manual
- Copies of API Standards 650 and 653
- Bolts and nuts
- Variety of flanges with different numbers of bolts
- Sample radiograph films
- Weld maps
- Ultrasonic monitor
- Insulated flanges and bolts
- Insulator checker
- Procedure documentation for roof jacking
- Photos of arc burns
- Inspection tags
- Drawings that show mark locations on shell, bottom, and roof plates
  - Figure 20 with the callouts covered
- Aqueous film-forming foam with a fire extinguisher applicator
MODULE 62308-03 – MAINTENANCE WELDING ON PIPELINES

- Transparencies
- Markers/chalk
- Blank acetate sheets
- Transparency pens
- Pencils and scratch paper
- Module Examinations
- Performance Profile Sheets
- Copies of Performance Verifications for Covered Task 42
- Overhead projector and screen
- Whiteboard/chalkboard
- Appropriate personal protective equipment
- Copies of 49 CFR Part 192 (Gas) and/or 49 CFR Part 195 (Liquid)
- Copies of your company policy and procedures manual
- Copies of API Standard 1104, 18th edition
- Metal panels with arc burns
- Pencil grinders and/or sanders
- Etching solutions
- Metal panels with defective butt and fillet welds
- Metal panels with repaired direct pass defects
- Metal panel with a butt weld containing cracks
- Materials for magnetic particle or dye penetrant inspection
- Metal panel with a previously repaired weld
- Tools and materials to preheat the area
- Sections of metal pipe
- Jumper cables
- Tools and materials to make field cuts
- Expandable plugs and/or gas bags
- External lineup clamps
- Procedure specification forms
TRANSPARENCIES
Markers/chalk
Blank acetate sheets
Transparency pens
Pencils and scratch paper
Module Examinations
Performance Profile Sheets
Copies of Performance Verifications for Covered Task 36
Overhead projector and screen
Whiteboard/chalkboard
Appropriate personal protective equipment
Copies of 49 CFR Part 192 (Gas) and/or 49 CFR Part 195 (Liquid)
Copies of your company policy and procedures manual
Examples of appropriate personal protective equipment, including
  Fire retardant clothing
  Hearing protection
  Gloves
  Safety glasses
  Hard hats
  Safety boots
  Respiratory protection
Examples of safety equipment, including
  Atmospheric monitors
  Personal monitors
  Personal hydrogen sulfide monitors
  Bonding cables
  Fire extinguishers
Pipe segment
Bonding cable
Grounding clamps
Sample abandonment reports
Combustible gas detectors
Draeger tubes
Copies of news articles highlighting accidents that occurred during purging procedures
MODULE 62310-03 – VAULT MAINTENANCE AND CONFINED SPACE ENTRY

- Transparencies
- Markers/chalk
- Blank acetate sheets
- Transparency pens
- Pencils and scratch paper
- Module Examinations
- Performance Profile Sheets
- Copies of Performance Verifications for Covered Task 59
- Overhead projector and screen
- Whiteboard/chalkboard
- Appropriate personal protective equipment
- Copies of 49 CFR Part 192 (Gas) and/or 49 CFR Part 195 (Liquid)
- Copies of your company policy and procedures manual
- Sample permits
- OSHA Publication No. 3132, Title 29 Code of Federal Regulations Part 1910.146
- Combustible gas indicator
Level Four

MODULE 62401-03 – RADIOGRAPHIC TESTING OF PIPELINE WELDS

Transparencies
Markers/chalk
Blank acetate sheets
Transparency pens
Pencils and scratch paper
Overhead projector and screen
Whiteboard/chalkboard
Appropriate personal protective equipment
Copies of API Standard 1104, Welding of Pipelines and Related Facilities
Copies of your company policy and procedures manual
Manual film processing equipment
Automatic film processing equipment
Film badge
Thermoluminescent dosimeter (TLD)
OSL dosimeter
Alarming rate meter
Ion chamber survey meter
Geiger Mueller (GM) rate meter
Area alarm monitor
Exposure calculator
Exposure charts
Radiographic film in different packaging
Flexible, semi-rigid, and rigid film cassettes
Hole-type and wire-type penetrators
Selection of welded pipe sections
Intensifying screens
Module Examinations
Performance Profile Sheets
Copies of the Performance Verification for Covered Task 38.4
Level One

MODULE 66101-02 – INTRODUCTION TO THE PIPELINE INDUSTRY

<table>
<thead>
<tr>
<th>Task Number</th>
<th>Item</th>
<th>Date(s)</th>
<th>Recorded By</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>This is a knowledge-based module; there is no performance testing.</td>
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MODULE 66102-02 – LIQUID PIPELINE GENERAL ABNORMAL OPERATING CONDITIONS

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MODULE 62103-02 – RELEASE IDENTIFICATION AND RESPONSE

<table>
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</tr>
</thead>
<tbody>
<tr>
<td>62103-1</td>
<td>Identify and explain the company’s oil spill response plan and emergency procedures.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62103-2</td>
<td>Identify and explain the company’s policies on spill prevention.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62103-3</td>
<td>Identify and explain the company’s policies on spill reporting and spill containment.</td>
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<tr>
<td>62103-4</td>
<td>Identify and explain the company’s policies on proper waste handling.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## MODULE 62104-02 – TOOLS OF THE TRADE

<table>
<thead>
<tr>
<th>Task Number</th>
<th>Item</th>
<th>Date(s)</th>
<th>Recorded By</th>
</tr>
</thead>
<tbody>
<tr>
<td>62104-1</td>
<td>Identify a given hand tool, state its application, and describe its safe use and maintenance.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62104-2</td>
<td>Demonstrate the use of a given hand tool according to standards given by the instructor.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62104-3</td>
<td>Identify a given power tool, state its application, and describe its safe use and maintenance.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62104-4</td>
<td>Demonstrate the use of a given power tool according to standards given by the instructor.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62104-5</td>
<td>Identify a given beveling machine, state its application, and describe its safe use and maintenance.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62104-6</td>
<td>Identify a given meter or tester, state its application, and describe its safe use and maintenance.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62104-7</td>
<td>Identify various nondestructive examination methods and tools and state their applications.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62104-8</td>
<td>Identify a given kind of lifting or excavation equipment, state its application, and describe its safe use.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## MODULE 62105-02 – PIPELINE DOCUMENTATION

<table>
<thead>
<tr>
<th>Task Number</th>
<th>Item</th>
<th>Date(s)</th>
<th>Recorded By</th>
</tr>
</thead>
<tbody>
<tr>
<td>63105-1</td>
<td>Read and interpret alignment sheets.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>63105-2</td>
<td>Using a company’s manuals or procedure books, identify and explain some of the company’s required documentation and records.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>63105-3</td>
<td>Fill out, properly submit, and file a company maintenance document according to the company’s documentation procedures (or simulate doing so).</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### MODULE 62106-02 – PREVENTING PIPELINE DAMAGE (CT 14 AND 28)

<table>
<thead>
<tr>
<th>Task Number</th>
<th>Item</th>
<th>Date(s)</th>
<th>Recorded By</th>
</tr>
</thead>
<tbody>
<tr>
<td>62106-1</td>
<td>Perform tasks or identify and describe tasks to prevent third-party and in-house damage per company procedure and/or using Performance Verification 28 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62106-2</td>
<td>Locate or simulate locating a line per company procedure and/or using Performance Verification 14.1 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62106-3</td>
<td>Install or simulate installing a line marker per company procedure and/or using Performance Verification 14.2 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62106-4</td>
<td>Inspect and maintain or simulate inspecting and maintaining a line marker per company procedure and/or using Performance Verification 14.3 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62106-5</td>
<td>Inspect and maintain or simulate inspecting and maintaining an aerial line marker per company procedure and/or using Performance Verification 14.4 as a guide.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MODULE 62107-02 – EXCAVATING AND BACKFILLING (CT 17 AND 39)

<table>
<thead>
<tr>
<th>Task Number</th>
<th>Item</th>
<th>Date(s)</th>
<th>Recorded By</th>
</tr>
</thead>
<tbody>
<tr>
<td>62107-1</td>
<td>Locate or simulate locating a line per company procedure and/or using Performance Verification 17.1 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62107-2</td>
<td>Install or simulate installing a line marker per company procedure and/or using Performance Verification 17.2 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62107-3</td>
<td>Inspect and maintain or simulate inspecting and maintaining a line marker per company procedure and/or using Performance Verification 17.3 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62107-4</td>
<td>Explain backfilling a trench following maintenance per company procedure and/or using Performance Verification 39 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62107-5</td>
<td>Using a company’s manuals or procedure books, Identify and explain what trainees should do if they encounter any damage or defects while performing any of the above tasks.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Level Two

MODULE 62201-02 – RIGHT OF WAY INSPECTION (CT 15 AND 16)

<table>
<thead>
<tr>
<th>Task Number</th>
<th>Item</th>
<th>Date(s)</th>
<th>Recorded By</th>
</tr>
</thead>
<tbody>
<tr>
<td>62201-1</td>
<td>Inspect or simulate inspecting a navigable waterway crossing per company procedure and/or using Performance Verification 16.1, 16.2, and 16.3 as guides.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62201-2</td>
<td>Inspect surface conditions of the right-of-way per company procedure and/or using Performance Verification 15.1 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62201-3</td>
<td>Complete documentation and report forms for a right-of-way inspection per company procedure and/or using Performance Verification 15.2 as a guide.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

MODULE 62202-02 – FACILITY INSPECTION (CT 27)

<table>
<thead>
<tr>
<th>Task Number</th>
<th>Item</th>
<th>Date(s)</th>
<th>Recorded By</th>
</tr>
</thead>
<tbody>
<tr>
<td>62202-1</td>
<td>Complete an inspection of a facility building in accordance with your company’s procedures.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62202-2</td>
<td>Perform a monthly inspection of a breakout tank per company procedure and/or using Performance Verification 27.1 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62202-3</td>
<td>Perform or simulate performing an inspection of an in-service breakout tank per company procedure and/or using Performance Verification 27.2 as a guide.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## MODULE 62203-02 – VALVE INSPECTION (CT 20)

<table>
<thead>
<tr>
<th>Task Number</th>
<th>Item</th>
<th>Date(s)</th>
<th>Recorded By</th>
</tr>
</thead>
<tbody>
<tr>
<td>62203-1</td>
<td>Identify and explain the functions of various types of valves, including valves used to stop and start flow, regulate flow, and relieve pressure.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62203-2</td>
<td>Perform a routine walk-around valve inspection per company procedure and/or using Performance Verification 20.1 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62203-3</td>
<td>Perform an external integrity inspection on a valve per company procedure and/or using Performance Verification 20.2 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62203-4</td>
<td>Perform or simulate performing a function test on a valve per company procedure and/or using Performance Verification 20.3 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62203-5</td>
<td>Perform or simulate performing a leak test on a valve per company procedure and/or using Performance Verification 20.4 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62203-6</td>
<td>Perform preventative maintenance on a pipeline valve.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62203-7</td>
<td>Lubricate and winterize a valve.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62203-8</td>
<td>Install threaded and flanged valves.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## MODULE 62204-02 – PIPELINE COATING INSPECTION (CT 5)

<table>
<thead>
<tr>
<th>Task Number</th>
<th>Item</th>
<th>Date(s)</th>
<th>Recorded By</th>
</tr>
</thead>
<tbody>
<tr>
<td>62204-1</td>
<td>Inspect for physical damage on buried or submerged pipe per company procedure and/or using Performance Verification 5.1 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62204-2</td>
<td>Inspect for external corrosion on buried or submerged pipe per company procedure and/or using Performance Verification 5.2 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62204-3</td>
<td>Inspect the condition or external coating on buried or submerged pipe per company procedure and/or using Performance Verification 5.3 as a guide.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
# MODULE 62205-02 – PIPE INSPECTION AND NONDESTRUCTIVE TESTING  
(CT 38.1, 38.2, AND 38.3)

<table>
<thead>
<tr>
<th>Task Number</th>
<th>Item</th>
<th>Date(s)</th>
<th>Recorded By</th>
</tr>
</thead>
<tbody>
<tr>
<td>62205-1</td>
<td>Visually inspect pipe and pipe components per company procedure and/or using Performance Verification 38.1 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62205-2</td>
<td>Prepare a weld for NDE testing.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62205-3</td>
<td>Direct and verify or simulate directing and verifying a nondestructive weld test per company procedure and/or using Performance Verification 38.2 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62205-4</td>
<td>Visually inspect to verify that welds meet DOT requirements per company procedure and/or using Performance Verification 38.3 as a guide.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

# MODULE 62206-02 – PIPELINE MAINTENANCE (CT 18 AND 52)

<table>
<thead>
<tr>
<th>Task Number</th>
<th>Item</th>
<th>Date(s)</th>
<th>Recorded By</th>
</tr>
</thead>
<tbody>
<tr>
<td>62206-1</td>
<td>Locate an underground structure.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62206-2</td>
<td>Demonstrate the ability to properly maintain the pipeline route.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62206-3</td>
<td>Properly tighten a flange.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62206-4</td>
<td>Demonstrate the ability to run a pig and perform maintenance pigging.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62206-5</td>
<td>Inspect the pipeline following excavation activities per company procedure and/or using Performance Verification 18.1 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62206-6</td>
<td>Monitor for pressure loss and survey for leaks after blasting activities per company procedure and/or using Performance Verification 18.2 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62206-7</td>
<td>Conduct or simulate conducting a leakage survey on a gas pipeline per company procedure and/or using Performance Verification 52.1, 52.2, and 52.3 as a guide.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

# MODULE 62207-02 – HYDROSTATIC TESTING (CT 41)

<table>
<thead>
<tr>
<th>Task Number</th>
<th>Item</th>
<th>Date(s)</th>
<th>Recorded By</th>
</tr>
</thead>
<tbody>
<tr>
<td>62207-1</td>
<td>Prepare for hydrostatic testing.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62207-2</td>
<td>Perform or simulate performing hydrostatic testing procedures per company procedures and/or using Performance Verification 41 as a guide.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Level Three

### MODULE 62301-02 – GENERAL MAINTENANCE AND WINTERIZING

This is a knowledge-based module; there is no performance testing.

### MODULE 62302-02 – PIPELINE DAMAGE INSPECTION (CT 34 AND 35)

<table>
<thead>
<tr>
<th>Task Number</th>
<th>Item</th>
<th>Date(s)</th>
<th>Recorded By</th>
</tr>
</thead>
<tbody>
<tr>
<td>62302-1</td>
<td>Observe and determine activities required after the movement of a section of pipe in a ditch (trench) per company procedure and/or using Performance Verification 34.0 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62302-2</td>
<td>Determine the minimum clearance between existing pipe(s) and other underground structures installed by excavation, boring, or directional drilling per company procedure and/or using Performance Verification 35.0 as a guide.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MODULE 62303-02 – PERFORMING IN-LINE INSPECTIONS (CT 29)

<table>
<thead>
<tr>
<th>Task Number</th>
<th>Item</th>
<th>Date(s)</th>
<th>Recorded By</th>
</tr>
</thead>
<tbody>
<tr>
<td>62303-1</td>
<td>Launch an in-line inspection device per company procedure and/or using Performance Verification 29.1 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62303-2</td>
<td>Receive an in-line inspection device per company procedure and/or using Performance Verification 29.2 as a guide.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**MODULE 62304-02 – PIPELINE REPAIR (CT 9.5, 37, 40.1, 40.2, 40.3, 40.4, 40.5, 40.7, AND 40.91)**

<table>
<thead>
<tr>
<th>Task Number</th>
<th>Item</th>
<th>Date(s)</th>
<th>Recorded By</th>
</tr>
</thead>
<tbody>
<tr>
<td>62304-1</td>
<td>Install a tight-fitting sleeve repair used for covering anomalies on the pipeline with top and bottom sleeve ends welded around the circumference directly to the pipeline per company procedure and/or using Performance Verification 40.1 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62304-2</td>
<td>Install an oversleeve per company procedure and/or using Performance Verification 40.2 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62304-3</td>
<td>Install a leak-repair pipeline enclosure, such as the PLIDCO® Split+Sleeve repair sleeve, on an active leaking pipeline per company procedure and/or using Performance Verification 40.4 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62304-4</td>
<td>Install a Weld Plus coupling per company procedure and/or using Performance Verification 40.5 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62304-5</td>
<td>Install a composite wrap sleeve, such as the Clock Spring®, per company procedure and/or using Performance Verification 40.3 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62304-6</td>
<td>Cut out and replace a piece of pipe.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62304-7</td>
<td>Perform a 2” tap per company procedure and/or using Performance Verifications 40.7 and 40.91 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62304-8</td>
<td>Test and repair shorted casing per company procedure and/or using Performance Verification 9.5 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62304-9</td>
<td>Perform the activities required to fit or mount additional or revised support elements to existing aboveground structures per company procedure and/or using Performance Verification 37.0 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62304-10</td>
<td>Repair insulation.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### MODULE 62305-02 – RELOCATING AND LOWERING PIPELINES (CT 33 AND 34)

<table>
<thead>
<tr>
<th>Task Number</th>
<th>Item</th>
<th>Date(s)</th>
<th>Recorded By</th>
</tr>
</thead>
<tbody>
<tr>
<td>62305-1</td>
<td>Perform the activities required to determine the actual pressure of the pipeline section being moved, raised, lowered, or moved laterally per company procedure and/or using Performance Verification 33.1 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62305-2</td>
<td>Complete the activities required to safely excavate and prepare the pipeline to be moved per company procedure and/or using Performance Verification 33.2 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62305-3</td>
<td>Complete the activities required to safely move a pipeline per company procedure and/or using Performance Verification 33.3 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62305-4</td>
<td>Observe and determine activities required after the movement of a section of pipe in a ditch (trench) per company procedure and/or using Performance Verification 34.0 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62305-6</td>
<td>Backfill the excavation after the movement of a section of pipe in a ditch.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MODULE 62306-02 – HOT TAPPING AND STOPPLING® – 2.5" AND LARGER (CT 40.6, 40.8, 40.9, AND 40.91)

<table>
<thead>
<tr>
<th>Task Number</th>
<th>Item</th>
<th>Date(s)</th>
<th>Recorded By</th>
</tr>
</thead>
<tbody>
<tr>
<td>62306-1</td>
<td>Tap a pipeline 2½&quot; or larger per company procedure and/or using Performance Verification 40.8 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62306-2</td>
<td>Install a Stopple® fitting per company procedure and/or using Performance Verification 40.6 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62306-3</td>
<td>Stop or divert the flow of product in the pipeline and use the tapping machine to install the Lock-O-Ring® completion plug into the Stopple® fitting per company procedure and/or using Performance Verifications 40.9 and 40.91 as a guide.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MODULE 62307-02 – TANK REPAIR

<table>
<thead>
<tr>
<th>Task Number</th>
<th>Item</th>
<th>Date(s)</th>
<th>Recorded By</th>
</tr>
</thead>
<tbody>
<tr>
<td>62307-1</td>
<td>Perform tank repair activities per company procedure and/or using the tank repair critical steps checklist provided by your instructor.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### MODULE 62308-02 – MAINTENANCE WELDING ON PIPELINES (CT 42)

<table>
<thead>
<tr>
<th>Task Number</th>
<th>Item</th>
<th>Date(s)</th>
<th>Recorded By</th>
</tr>
</thead>
<tbody>
<tr>
<td>62308-1</td>
<td>Direct the activities associated with repair of an arc burn area per company procedure and/or using Performance Verification 42.1 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62308-2</td>
<td>Direct the activities associated with repair of a weld containing defect(s) other than cracks per company procedure and/or using Performance Verification 42.2 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62308-3</td>
<td>Direct the activities associated with repair of a cover pass containing defect(s) other than cracks per company procedure and/or using Performance Verification 42.3 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62308-4</td>
<td>Direct the activities associated with repair of a butt weld containing a crack per company procedure and/or using Performance Verification 42.4 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62308-5</td>
<td>Direct the activities associated with repair of a previously repaired area per company procedure and/or using Performance Verification 42.5 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62308-6</td>
<td>Direct the activities associated with cutting out and replacing a weld or cylinder of pipe per company procedure and/or using Performance Verification 42.6 as a guide.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MODULE 62309-02 – PERFORMING PIPELINE DISCONNECTION PROCEDURES (CT 36)

<table>
<thead>
<tr>
<th>Task Number</th>
<th>Item</th>
<th>Date(s)</th>
<th>Recorded By</th>
</tr>
</thead>
<tbody>
<tr>
<td>62309-1</td>
<td>Complete the safe disconnect of a pipeline from service per company procedure and/or using Performance Verification 36.1 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62309-2</td>
<td>Perform the safe purging of petroleum or hazardous vapors from a pipeline during the abandonment process per company procedure and/or using Performance Verification 36.2 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62309-3</td>
<td>Perform the sealing of the end(s) of a disconnected portion of pipeline from the environment or an active pipeline per company procedure and/or using Performance Verification 36.3 as a guide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Task Number</td>
<td>Item</td>
<td>Date(s)</td>
<td>Recorded By</td>
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</tr>
<tr>
<td>62310-1</td>
<td>Demonstrate knowledge of confined space entry safety requirements.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62310-2</td>
<td>Perform a vault inspection per company procedure and/or using Performance Verification 59.0 as a guide.</td>
<td></td>
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</tr>
</tbody>
</table>
## MODULE 62401-03 – RADIOGRAPHIC TESTING OF PIPELINE WELDS

<table>
<thead>
<tr>
<th>Task Number</th>
<th>Item</th>
<th>Date(s)</th>
<th>Recorded By</th>
</tr>
</thead>
<tbody>
<tr>
<td>62401-1</td>
<td>Demonstrate to the satisfaction of the instructor the expose and process radiographic film. (CT 38.4)</td>
<td></td>
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<tr>
<td>62401-2</td>
<td>Demonstrate to the satisfaction of the instructor the ability to recognize and identify weld conditions by examining radiographic film of pipe welds. (CT 38.4)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>