



NCCER OQs Offered by Basin Safety

Task #	Module Title
AOCCC-17	Abnormal Operating Conditions Control Center
AOCFG-17	Abnormal Operating Conditions Field & Gas
CT1_1-17	Measure Structure-to-Soil Potentials
CT1_2-17	Conduct Close Interval Survey
CT1_3-17	Test and Detect Interference
CT1_4-17	Inspect and Perform Electrical Test of Bonds
CT1_5-17	Inspect and Test Electrical Isolation
CT2_1-17	Verify Test Lead Continuity
CT2_2-17	Repair Damaged Test Leads
CT2_3-17	Install Test Leads by Non-Exothermic Welding Methods
CT2_4-17	Install Test Leads by Exothermic Welding Methods
CT3_0-17	Obtain a Voltage and Current Output Reading from a Rectifier to Verify Proper Performance
CT4_1-17	Troubleshoot Rectifier
CT4_2-17	Repair or Replace Defective Rectifier Components
CT4_3-17	Adjust Rectifier
CT5_1-17	Examine for Mechanical Damage on Buried or Submerged Pipe
CT5_2-17	Examine for External Corrosion on Buried or Submerged Pipe
CT5_3-17	Inspect the Condition of External Coating on Buried or Submerged Pipe
CT7_1-17	Visual Inspection of Atmospheric Coatings
CT7_2-17	Prepare Surface for Coating Using Hand and Power Tools
CT7_3-17	Prepare Surface for Coating by Abrasive Water Blasting
CT7_4-17	Prepare Surface for Coating by Abrasive Blasting Media Other than Water
CT7_5-17	Apply Coating Using Hand Application Methods
CT7_6-17	Apply Coating Using Spray Application
CT7_7-17	Perform Coating Inspection
CT8_1-17	Measure Pit Depth with Pit Gauge
CT8_2-17	Measure Wall Thickness with Handheld Ultrasonic Meter
CT8_3-17	Measure Corroded Area
CT9_1-17	Install Bonds



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Task #	Module Title
CT9_2-17	Install Galvanic Anodes
CT9_3-17	Install Rectifiers
CT9_4-17	Install Impressed Current Groundbeds
CT9_5-17	Repair Shorted Casings
CT9_6-17	Install Electrical Insulating Device
CT10_1-17	Insert and Remove Coupons
CT10_2-17	Monitor Probes (Online)
CT11_0-17	Monitoring and Controlling the Injection Rate of the Corrosion Inhibitor
CT12_0-17	Visually Inspect Internal Pipe Surface
CT14_1-17	Locate Line
CT14_2-17	Install, Inspect, and Maintain Permanent Marker
CT14_5-17	Install, Inspect, and Maintain Temporary Marker
CT15_1-17	Visually Inspect Surface Conditions of Right-of-Way
CT16_1-17	Inspect Navigable Waterway Crossing
CT19_1-17	Valve Body Winterization or Corrosion Inhibition
CT19_2-17	Valve Lubrication
CT19_3-17	Valve Seat Sealing
CT19_4-17	Valve Stem Packing Maintenance
CT19_5-17	Adjust Actuator/Operator, Electric
CT19_6-17	Adjust Actuator/Operator, Pneumatic
CT19_7-17	Adjust Actuator/Operator, Hydraulic
CT20_0-17	Inspect Main-Line Valves
CT21_1-17	Repair Valve Actuator/Operator, Pneumatic
CT21_2-17	Disassemble and Reassemble Valves
CT21_3-17	Internal Inspection of Valves and Components
CT21_4-17	Repair Valve Actuator/Operator, Hydraulic
CT21_5-17	Repair Valve Actuator/Operator, Electric
CT22_1-17	Inspect Tank Pressure/Vacuum Breakers
CT22_2-17	Inspect, Test, and Calibrate HVL Tank Pressure Relief Valves
CT23_1-17	Maintain and Repair Relief Valves
CT23_2-17	Inspect, Test, and Calibrate Relief Valves



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Task #	Module Title
CT24_1-17	Maintain and Repair Pressure Limiting Devices
CT24_2-17	Inspect, Test, and Calibrate Pressure Limiting Devices
CT25_1-17	Inspect, Test, and Calibrate Pressure Switches
CT25_2-17	Inspect, Test, and Calibrate Pressure Transmitters
CT26_0-17	Verify or Set Protection Parameters for Programmable Controllers and/or Other Instrumentation Control Loops
CT27_1-17	Routine Inspection of Breakout Tanks (API 653 monthly or DOT annual)
CT28_0-17	Provide Security for Pipeline Facilities
CT29_1-17	Launching In-Line Inspection Devices
CT29_2-17	Receiving In-Line Inspection Devices
CT30_0-17	Test Overfill Protective Devices
CT31_0-17	Inspect and Calibrate Overfill Protective Devices
CT32_0-17	Monitoring Excavation Activities
CT33_1-17	Determine Allowable Line Pressure in Section to be Moved
CT33_2-17	Preparation for Movement Activities
CT33_3-17	Moving In-Service Pipeline
CT34_0-17	Inspect Existing Pipe Following Movement
CT36_1-17	Safe Disconnect of Pipeline Facilities
CT36_2-17	Purging of Pipeline Facilities
CT36_3-17	Sealing a Disconnected Portion of Pipeline
CT37_0-17	Install or Repair Support Structures on Existing Above Ground Components
CT38_1-17	Visually Inspect Pipe and Pipe Components Prior to Installation
CT38_3-17	Visually Inspect that Welds Meet DOT Requirements (API 1104)
CT39_0-17	Backfilling a Trench Following Maintenance
CT40_1-17	Fit Full Encirclement Welded Split Sleeve
CT40_3-17	Apply Composite Sleeve
CT40_4-17	Install Mechanical Bolt-On Split Repair Sleeve
CT40_5-17	Install Weldable Compression Couplings
CT40_6-17	Install and Remove Plugging Machine
CT40_7-17	Installing a Tap 2 Inches and Under on a Pipeline System



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Task #	Module Title
CT40_8-17	Installing a Tap Larger Than 2 Inches on a Pipeline System
CT40_9-17	Install and Remove Completion Plug on Pipelines Larger than 2 Inches
CT41_0-17	Conduct Pressure Test
CT42_7-17	Welding
CT44_3-17	Inspect, Test, and Maintain Flow Computer for Hazardous Liquid Leak Detection
CT44_4-17	Inspect, Test, and Perform Corrective and Preventative Maintenance of Tank Gauging for Leak Detection
CT44_5-17	Prove Flow Meters for Hazardous Liquid Leak Detection
CT44_6-17	Maintain Flow Meters for Hazardous Liquid Leak Detection
CT44_7-17	Inspect, Test and Maintain Gravimeters/Densimeters for Hazardous Liquid Leak Detection
CT44_8-17	Inspect, Test and Maintain Temperature Transmitters for Hazardous Liquid Leak Detection
CT50_0-17	Purge Gas from a Pipeline (Gas)
CT51_0-17	Purge Air from a Pipeline (Gas)
CT52_1-17	Conduct Vegetation Survey
CT52_2-17	Conduct a Leak Survey with a CGD
CT52_3-17	Conduct a Leak Survey with a Flame Ionization Unit
CT54_0-17	Test Remotely Controlled Shutdown Devices (Gas)
CT55_0-17	Maintain Fixed Gas Detection Equipment
CT56_0-17	Perform Incremental Pressure Increases to Uprate the MAOP (Gas)
CT57_0-17	Operate Odorant Equipment
CT58_0-17	Monitor Odorant Level
CT59_0-17	Vault Maintenance (Gas)
CT63_1-17	Start-up of a Liquid Pipeline (Field)
CT63_2-17	Shutdown of a Liquid Pipeline (Field)
CT63_3-17	Monitor Pressures, Flows, Communications, and Line Integrity and Maintain them Within Allowable Limits on a Liquid Pipeline System (Field)



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Task #	Module Title
CT63_4-17	Locally Operate Valves on a Liquid Pipeline System
CT64_1-17	Start-up of a Liquid Pipeline (Control Center)
CT64_2-17	Shutdown of a Liquid Pipeline (Control Center)
CT64_3-17	Monitor Pressures, Flows, Communications, and Line Integrity and Maintain them Within Allowable Limits on a Liquid Pipeline System (Control Center)
CT64_4-17	Remotely Operate Valves on a Liquid Pipeline System
CT65_1-17	Start-up of a Pipeline (Gas)
CT65_2-17	Shutdown of a Pipeline (Gas)
CT65_3-17	Monitor Pressures, Flows, Communications and Line Integrity and Maintain them Within Allowable Limits (Gas)
CT65_4-17	Manually or Remotely Open or Close Valves or Other Equipment (Gas)
CTCC-17	Cold Cutting
CTFB-17	Flange Bolting
CTMP-17	Mud Plugging
CTTB-17	Tubing
CTTP-17	Threaded Pipe Fabrication