



Pipeline Covered Tasks

The following is a list of NCCER's 127 covered task training modules. Each of these modules focus solely on the covered task that is indicated, align to API RP 1161 (3rd edition) and provide the knowledge necessary to pass the corresponding exams.

To purchase individual covered task modules in an ebook format:

- Visit www.nccer.org/pipeline-program and select the covered task you would like to purchase. This will redirect you to the VitalSource website to complete your purchase.

To purchase printed copies:

- Purchase the entire book listed in the third column of the table starting on the next page (ISBNs available at www.nccer.org/pipeline-program), OR
- Build your own custom book of modules on the Pearson Collections website at www.pearsoncollections.com.

All ISBNs and further ordering information are available on the NCCER Bookstore at www.nccer.org/bookstore.

The screenshot shows the NCCER Bookstore interface. The main content area is titled 'NCCER Pipeline Program' and contains a table with three columns: 'Module #', 'Module Title', and 'Book Title'. The 'Module #' column lists codes like AD05-07, CT1, CT2, CT3, etc. The 'Module Title' column lists tasks such as 'Align and Square a Pipeline', 'Inspect and Perform Electrical Test of Grounds', etc. The 'Book Title' column lists corresponding course levels like 'Pipeline Corrosion Control Level 1', 'Pipeline Corrosion Control Level 2', etc. On the right side, there is a 'Resources' sidebar with a section titled 'NCCERconnect 2016 courses lineup' and a list of available courses including 'Carpentery 4e, Level 4', 'Welding 5e, Level 2', etc.

Pipeline Covered Task List (continued)

Covered Task Module #	Module Title	Book Title	ISBN
AOCCC-17	Abnormal Operating Conditions Control Center	Pipeline Corrosion Control Level 1	978-0-13-470520-0
AOCFG-17	Abnormal Operating Conditions Field & Gas	Pipeline Corrosion Control Level 2	978-0-13-471651-0
CT1_1-17	Measure Structure-to-Soil Potentials	Pipeline Corrosion Control Level 2	978-0-13-471651-0
CT1_2-17	Conduct Close Interval Survey	Pipeline Corrosion Control Level 2	978-0-13-471651-0
CT1_3-17	Test and Detect Interference	Pipeline Corrosion Control Level 2	978-0-13-471651-0
CT1_4-17	Inspect and Perform Electrical Test of Bonds	Pipeline Corrosion Control Level 2	978-0-13-471651-0
CT1_5-17	Inspect and Test Electrical Isolation	Pipeline Corrosion Control Level 2	978-0-13-471651-0
CT2_1-17	Verify Test Lead Continuity	Pipeline Corrosion Control Level 1	978-0-13-470520-0
CT2_2-17	Repair Damaged Test Leads	Pipeline Corrosion Control Level 1	978-0-13-470520-0
CT2_3-17	Install Test Leads by Non-Exothermic Welding Methods	Pipeline Corrosion Control Level 1	978-0-13-470520-0
CT2_4-17	Install Test Leads by Exothermic Welding Methods	Pipeline Corrosion Control Level 1	978-0-13-470520-0
CT3_0-17	Obtain a Voltage and Current Output Reading from a Rectifier to Verify Proper Performance	Pipeline Corrosion Control Level 1	978-0-13-470520-0
CT4_1-17	Troubleshoot Rectifier	Pipeline Corrosion Control Level 1	978-0-13-470520-0
CT4_2-17	Repair or Replace Defective Rectifier Components	Pipeline Corrosion Control Level 1	978-0-13-470520-0
CT4_3-17	Adjust Rectifier	Pipeline Corrosion Control Level 1	978-0-13-470520-0
CT5_1-17	Examine for Mechanical Damage on Buried or Submerged Pipe	Pipeline Corrosion Control Level 1	978-0-13-470520-0
CT5_2-17	Examine for External Corrosion on Buried or Submerged Pipe	Pipeline Corrosion Control Level 1	978-0-13-470520-0
CT5_3-17	Inspect the Condition of External Coating on Buried or Submerged Pipe	Pipeline Corrosion Control Level 1	978-0-13-470520-0
CT7_1-17	Visual Inspection of Atmospheric Coatings	Pipeline Corrosion Control Level 1	978-0-13-470520-0
CT7_2-17	Prepare Surface for Coating Using Hand and Power Tools	Pipeline Corrosion Control Level 1	978-0-13-470520-0
CT7_3-17	Prepare Surface for Coating by Abrasive Water Blasting	Pipeline Corrosion Control Level 1	978-0-13-470520-0
CT7_4-17	Prepare Surface for Coating by Abrasive Blasting Media Other than Water	Pipeline Corrosion Control Level 1	978-0-13-470520-0
CT7_5-17	Apply Coating Using Hand Application Methods	Pipeline Corrosion Control Level 1	978-0-13-470520-0
CT7_6-17	Apply Coating Using Spray Application	Pipeline Corrosion Control Level 1	978-0-13-470520-0
CT7_7-17	Perform Coating Inspection	Pipeline Corrosion Control Level 1	978-0-13-470520-0
CT8_1-17	Measure Pit Depth with Pit Gauge	Pipeline Corrosion Control Level 2	978-0-13-471651-0
CT8_2-17	Measure Wall Thickness with Handheld Ultrasonic Meter	Pipeline Corrosion Control Level 2	978-0-13-471651-0
CT8_3-17	Measure Corroded Area	Pipeline Corrosion Control Level 2	978-0-13-471651-0
CT9_1-17	Install Bonds	Pipeline Corrosion Control Level 2	978-0-13-471651-0
CT9_2-17	Install Galvanic Anodes	Pipeline Corrosion Control Level 2	978-0-13-471651-0
CT9_3-17	Install Rectifiers	Pipeline Corrosion Control Level 2	978-0-13-471651-0
CT9_4-17	Install Impressed Current Groundbeds	Pipeline Corrosion Control Level 2	978-0-13-471651-0
CT9_5-17	Repair Shorted Casings	Pipeline Corrosion Control Level 2	978-0-13-471651-0
CT9_6-17	Install Electrical Insulating Device	Pipeline Corrosion Control Level 2	978-0-13-471651-0
CT10_1-17	Insert and Remove Coupons	Pipeline Corrosion Control Level 2	978-0-13-471651-0
CT10_2-17	Monitor Probes (Online)	Pipeline Corrosion Control Level 2	978-0-13-471651-0
CT11_0-17	Monitoring and Controlling the Injection Rate of the Corrosion Inhibitor	Pipeline Corrosion Control Level 2	978-0-13-471651-0
CT12_0-17	Visually Inspect Internal Pipe Surface	Pipeline Corrosion Control Level 1	978-0-13-470520-0
CT14_1-17	Locate Line	Pipeline Maintenance Level 3	978-0-13-471652-7
CT14_2-17	Install, Inspect, and Maintain Permanent Marker	Pipeline Maintenance Level 3	978-0-13-471652-7
CT14_5-17	Install, Inspect, and Maintain Temporary Marker	Pipeline Maintenance Level 3	978-0-13-471652-7
CT15_1-17	Visually Inspect Surface Conditions of Right-of-Way	Pipeline Maintenance Level 2	978-0-13-471653-4
CT16_1-17	Inspect Navigable Waterway Crossing	Pipeline Maintenance Level 2	978-0-13-471653-4
CT19_1-17	Valve Body Winterization or Corrosion Inhibition	Pipeline Mechanical Level 2	978-0-13-471647-3

Pipeline Covered Task List (continued)

Covered Task Module #	Module Title	Book Title	ISBN
CT19_2-17	Valve Lubrication	Pipeline Mechanical Level 2	978-0-13-471647-3
CT19_3-17	Valve Seat Sealing	Pipeline Mechanical Level 2	978-0-13-471647-3
CT19_4-17	Valve Stem Packing Maintenance	Pipeline Mechanical Level 2	978-0-13-471647-3
CT19_5-17	Adjust Actuator/Operator, Electric	Pipeline Mechanical Level 2	978-0-13-471647-3
CT19_6-17	Adjust Actuator/Operator, Pneumatic	Pipeline Mechanical Level 2	978-0-13-471647-3
CT19_7-17	Adjust Actuator/Operator, Hydraulic	Pipeline Mechanical Level 2	978-0-13-471647-3
CT20_0-17	Inspect Main-Line Valves	Pipeline Mechanical Level 3	978-0-13-471645-9
CT21_1-17	Repair Valve Actuator/Operator, Pneumatic	Pipeline Mechanical Level 3	978-0-13-471645-9
CT21_2-17	Disassemble and Reassemble Valves	Pipeline Mechanical Level 3	978-0-13-471645-9
CT21_3-17	Internal Inspection of Valves and Components	Pipeline Mechanical Level 3	978-0-13-471645-9
CT21_4-17	Repair Valve Actuator/Operator, Hydraulic	Pipeline Mechanical Level 3	978-0-13-471645-9
CT21_5-17	Repair Valve Actuator/Operator, Electric	Pipeline Mechanical Level 3	978-0-13-471645-9
CT22_1-17	Inspect Tank Pressure/Vacuum Breakers	Pipeline Mechanical Level 3	978-0-13-471645-9
CT22_2-17	Inspect, Test, and Calibrate HVL Tank Pressure Relief Valves	Pipeline Mechanical Level 3	978-0-13-471645-9
CT23_1-17	Maintain and Repair Relief Valves	Pipeline Mechanical Level 3	978-0-13-471645-9
CT23_2-17	Inspect, Test, and Calibrate Relief Valves	Pipeline Mechanical Level 3	978-0-13-471645-9
CT24_1-17	Maintain and Repair Pressure Limiting Devices	Pipeline Mechanical Level 3	978-0-13-471645-9
CT24_2-17	Inspect, Test, and Calibrate Pressure Limiting Devices	Pipeline Mechanical Level 3	978-0-13-471645-9
CT25_1-17	Inspect, Test, and Calibrate Pressure Switches	Pipeline Electrical & Instrumentation Level 2	978-0-13-471650-3
CT25_2-17	Inspect, Test, and Calibrate Pressure Transmitters	Pipeline Electrical & Instrumentation Level 2	978-0-13-471650-3
CT26_0-17	Verify or Set Protection Parameters for Programmable Controllers and/or Other Instrumentation Control Loops	Pipeline Electrical & Instrumentation Level 2	978-0-13-471650-3
CT27_1-17	Routine Inspection of Breakout Tanks (API 653 monthly or DOT annual)	Pipeline Maintenance Level 2	978-0-13-471653-4
CT28_0-17	Provide Security for Pipeline Facilities	Pipeline Maintenance Level 2	978-0-13-471653-4
CT29_1-17	Launching In-Line Inspection Devices	Pipeline Maintenance Level 3	978-0-13-471652-7
CT29_2-17	Receiving In-Line Inspection Devices	Pipeline Maintenance Level 3	978-0-13-471652-7
CT30_0-17	Test Overfill Protective Devices	Pipeline Electrical & Instrumentation Level 2	978-0-13-471650-3
CT31_0-17	Inspect and Calibrate Overfill Protective Devices	Pipeline Electrical & Instrumentation Level 2	978-0-13-471650-3
CT32_0-17	Monitoring Excavation Activities	Pipeline Maintenance Level 2	978-0-13-471653-4
CT33_1-17	Determine Allowable Line Pressure in Section to be Moved	Pipeline Maintenance Level 3	978-0-13-471652-7
CT33_2-17	Preparation for Movement Activities	Pipeline Maintenance Level 3	978-0-13-471652-7
CT33_3-17	Moving In-Service Pipeline	Pipeline Maintenance Level 3	978-0-13-471652-7
CT34_0-17	Inspect Existing Pipe Following Movement	Pipeline Maintenance Level 2	978-0-13-471653-4
CT36_1-17	Safe Disconnect of Pipeline Facilities	Pipeline Maintenance Level 3	978-0-13-471652-7
CT36_2-17	Purging of Pipeline Facilities	Pipeline Maintenance Level 3	978-0-13-471652-7
CT36_3-17	Sealing a Disconnected Portion of Pipeline	Pipeline Maintenance Level 3	978-0-13-471652-7
CT37_0-17	Install or Repair Support Structures on Existing Above Ground Components	Pipeline Maintenance Level 2	978-0-13-471653-4
CT38_1-17	Visually Inspect Pipe and Pipe Components Prior to Installation	Pipeline Maintenance Level 2	978-0-13-471653-4
CT38_3-17	Visually Inspect that Welds Meet DOT Requirements (API 1104)	Pipeline Maintenance Level 3	978-0-13-471652-7
CT39_0-17	Backfilling a Trench Following Maintenance	Pipeline Maintenance Level 2	978-0-13-471653-4
CT40_1-17	Fit Full Encirclement Welded Split Sleeve	Pipeline Maintenance Level 3	978-0-13-471652-7
CT40_3-17	Apply Composite Sleeve	Pipeline Maintenance Level 3	978-0-13-471652-7

Pipeline Covered Task List (continued)

Covered Task Module #	Module Title	Book Title	ISBN
CT40_4-17	Install Mechanical Bolt-On Split Repair Sleeve	Pipeline Maintenance Level 3	978-0-13-471652-7
CT40_5-17	Install Weldable Compression Couplings	Pipeline Maintenance Level 3	978-0-13-471652-7
CT40_6-17	Install and Remove Plugging Machine	Pipeline Maintenance Level 3	978-0-13-471652-7
CT40_7-17	Installing a Tap 2 Inches and Under on a Pipeline System	Pipeline Maintenance Level 3	978-0-13-471652-7
CT40_8-17	Installing a Tap Larger Than 2 Inches on a Pipeline System	Pipeline Maintenance Level 3	978-0-13-471652-7
CT40_9-17	Install and Remove Completion Plug on Pipelines Larger than 2 Inches	Pipeline Maintenance Level 3	978-0-13-471652-7
CT41_0-17	Conduct Pressure Test	Pipeline Maintenance Level 3	978-0-13-471652-7
CT42_7-17	Welding	Pipeline Maintenance Level 3	978-0-13-471652-7
CT44_3-17	Inspect, Test, and Maintain Flow Computer for Hazardous Liquid Leak Detection	Pipeline Electrical & Instrumentation Level 2	978-0-13-471650-3
CT44_4-17	Inspect, Test, and Perform Corrective and Preventative Maintenance of Tank Gauging for Leak Detection	Pipeline Electrical & Instrumentation Level 2	978-0-13-471650-3
CT44_5-17	Prove Flow Meters for Hazardous Liquid Leak Detection	Pipeline Electrical & Instrumentation Level 2	978-0-13-471650-3
CT44_6-17	Maintain Flow Meters for Hazardous Liquid Leak Detection	Pipeline Electrical & Instrumentation Level 2	978-0-13-471650-3
CT44_7-17	Inspect, Test and Maintain Gravimeters/Densitometers for Hazardous Liquid Leak Detection	Pipeline Electrical & Instrumentation Level 2	978-0-13-471650-3
CT44_8-17	Inspect, Test and Maintain Temperature Transmitters for Hazardous Liquid Leak Detection	Pipeline Electrical & Instrumentation Level 2	978-0-13-471650-3
CT50_0-17	Purge Gas from a Pipeline (Gas)	Pipeline Operations Level 2	978-0-13-472539-0
CT51_0-17	Purge Air from a Pipeline (Gas)	Pipeline Operations Level 2	978-0-13-472539-0
CT52_1-17	Conduct Vegetation Survey	Pipeline Maintenance Level 2	978-0-13-471653-4
CT52_2-17	Conduct a Leak Survey with a CGD	Pipeline Maintenance Level 2	978-0-13-471653-4
CT52_3-17	Conduct a Leak Survey with a Flame Ionization Unit	Pipeline Maintenance Level 2	978-0-13-471653-4
CT54_0-17	Test Remotely Controlled Shutdown Devices (Gas)	Pipeline Operations Level 2	978-0-13-472539-0
CT55_0-17	Maintain Fixed Gas Detection Equipment	Pipeline Electrical & Instrumentation Level 2	978-0-13-471650-3
CT56_0-17	Perform Incremental Pressure Increases to Uprate the MAOP (Gas)	Pipeline Operations Level 2	978-0-13-472539-0
CT57_0-17	Operate Odorant Equipment	Pipeline Operations Level 2	978-0-13-472539-0
CT58_0-17	Monitor Odorant Level	Pipeline Operations Level 2	978-0-13-472539-0
CT59_0-17	Vault Maintenance (Gas)	Pipeline Maintenance Level 2	978-0-13-471653-4
CT63_1-17	Start-up of a Liquid Pipeline (Field)	Pipeline Operations Level 2	978-0-13-472539-0
CT63_2-17	Shutdown of a Liquid Pipeline (Field)	Pipeline Operations Level 2	978-0-13-472539-0
CT63_3-17	Monitor Pressures, Flows, Communications, and Line Integrity and Maintain them Within Allowable Limits on a Liquid Pipeline System (Field)	Pipeline Operations Level 2	978-0-13-472539-0
CT63_4-17	Locally Operate Valves on a Liquid Pipeline System	Pipeline Operations Level 2	978-0-13-472539-0
CT64_1-17	Start-up of a Liquid Pipeline (Control Center)	Pipeline Operations Level 2	978-0-13-472539-0
CT64_2-17	Shutdown of a Liquid Pipeline (Control Center)	Pipeline Operations Level 2	978-0-13-472539-0
CT64_3-17	Monitor Pressures, Flows, Communications, and Line Integrity and Maintain them Within Allowable Limits on a Liquid Pipeline System (Control Center)	Pipeline Operations Level 2	978-0-13-472539-0
CT64_4-17	Remotely Operate Valves on a Liquid Pipeline System	Pipeline Operations Level 2	978-0-13-472539-0
CT65_1-17	Start-up of a Pipeline (Gas)	Pipeline Operations Level 2	978-0-13-472539-0
CT65_2-17	Shutdown of a Pipeline (Gas)	Pipeline Operations Level 2	978-0-13-472539-0
CT65_3-17	Monitor Pressures, Flows, Communications and Line Integrity and Maintain them Within Allowable Limits (Gas)	Pipeline Operations Level 2	978-0-13-472539-0
CT65_4-17	Manually or Remotely Open or Close Valves or Other Equipment (Gas)	Pipeline Operations Level 2	978-0-13-472539-0

Covered Task			
Module #	Module Title	Book Title	ISBN
CTCC-17	Cold Cutting	Pipeline Maintenance Level 2	978-0-13-471653-4
CTFB-17	Flange Bolting	Pipeline Maintenance Level 2	978-0-13-471653-4
CTMP-17	Mud Plugging	Pipeline Maintenance Level 2	978-0-13-471653-4
CTTB-17	Tubing	Pipeline Maintenance Level 2	978-0-13-471653-4
CTTP-17	Threaded Pipe Fabrication	Pipeline Maintenance Level 2	978-0-13-471653-4
		Pipeline Covered Task Instructor Access Code Card	978-0-13-471655-8