

Covered Tasks Identification Process



Introduction:

The IUWG (Inter-Utility Working Group) Committee refers to the tasks in this document as potential covered tasks, because each operator is responsible for identifying the covered tasks in its own respective system. As such, the tasks identified herein must be reviewed by each IUWG Member and modified as necessary to be consistent with the tasks performed, the components that make up each separate gas system, the degree of specialization of each work force, and the manner in which work is assigned.

*IUWG Committee Members:

Below are IUWG the Committee Members who assisted in developing a consensus covered task list as identified in the Appendix, "A". The Committee met over several dates to reach consensus and come to an understanding that each member may later modify the attached covered task list.

San Diego Gas and Electric Company	Pacific Gas and Electric Company	City of Palo Alto
City of Long Beach	SoCal Gas	Southwest Gas
Sacramento Municipal Utility District	Avista	

The Committee relied on the guidance in the Preamble to the Rule in applying the four-part test to the tasks as follows:

- Performed on a pipeline facility
- Is an operations or maintenance task,
- Is performed as a requirement of this part,
- Affects the operation or integrity of the pipeline

* Inter-Utility Committee Charter attached.

Task Breadth:

Another challenge for the Committee was the breadth of a task. That is, should tasks be identified at a narrow level or at a broader level. The Committee took the position that tasks should be identified at a broad level so that each utility/municipality can structure its component subtasks to its operations and maintenance procedures which may vary depending on operational procedures, work crew assignments and gas system structure. Thus, the Committee used the broader approach in determining tasks, for instance, leak survey functions:

Covered Task Number (09-00.00):

- Leak Survey/Investigation

Sub-tasks:

- Conduct Survey
- Leak Investigation

Learning Task Definition:

Another challenge for the Committee was agreeing on a learning definition of a task. The Committee reached consensus on the learning definition expressed below.

- ¹A task is defined as, a series of actions leading to a meaningful outcome.”
- A subtask is defined as, a series of steps (activities) that by themselves does not lead to a meaningful outcome.”

The Committee also realized that a task in one O&M function might in fact be a sub-task in another O&M function. For instance, some Members require that when Inspecting and Testing Pressure Regulating and Limiting Devices (task #14-00.00), the mechanic is required to perform valve maintenance on valves within the regulation station. Thus, valve maintenance; (task #17-00.00) in this instance is a subtask to task #14-00.00

In summary, each Member Agency is free to adjust the attached list of tasks according to its own operations and maintenance requirements.

¹ Robert Mager - Center for Effective Performance

**Inter Utility Operator Qualifications
Information Exchange
Charter**

1. Scope

1.1. The scope of this committee is to exchange information and experience associated with the proposed Department of Transportation (DOT) Operator Qualifications (OpQual) Rule, including but not limited to, philosophies associated with the development of a covered-task list, qualification criteria, qualification methods, record keeping tools and methods, frequency of qualifications, mutual aid agreements, etc.

2. Goal

2.1. Provide a forum for the free exchange of information that would allow operators under the jurisdiction of the California Public Utilities Commission (CPUC) the opportunity to identify elements of the proposed OpQual rule that are common to all/most operators.

3. Membership

3.1. Membership to this Committee shall be opened to any western region utility or municipality that must comply with the DOT OpQual rule.

3.2. This Committee may be dissolved at any time by mutual consent of all current members.

3.3. Current members represented are:

AVISTA Corp.
Pacific Gas & Electric Co.
Pacific Gas & Electric Gas Transmission Northwest
Sacramento Municipal Utility District (SMUD)
San Diego Gas & Electric Co.
Southern California Gas Co.
Southwest Gas Corp.

3.1. Each member utility or municipality belonging to the Committee shall have a "designated standing representative" that shall serve as the contact for that organization.

3.2. Attendance at meetings shall normally be limited to four representatives from each utility. The host utility, however, may have additional guest attendees.

3.3. Any member utility or municipality may remove themselves from the Committee by sending a withdrawal email message to any "designated standing representative" who will then forward said message to all other "designated standing representatives".

**Inter Utility Operator Qualifications
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4. Meetings

- 4.1. Meetings shall be held at two to six month intervals. Meeting may be held more or less frequently when agreed upon by consensus of this Committee.
- 4.2. Multiple meeting dates may be agreed upon in advance, but the next sequential meeting date shall always be communicated prior to the completion of the current meeting in progress.
- 4.3. Meeting locations shall be rotated among the California member utilities unless an alternative site is agreed to by unanimous consent. The order of rotation shall be as follows:

Southern California Gas Co.
Pacific Gas & Electric Co.
San Diego Gas & Electric Co.
Southwest Gas Corp.

The host utility will be responsible for soliciting agenda items prior to the meeting.

- 4.3. Information exchanged during the meeting shall be considered general information (non-sensitive).
- 4.4. Official Meeting minutes **shall not** be taken.
- 4.5. Each member may take their own notes of discussions, and may, if they so desire, prepare a written trip report for others in their organization. However, this trip report must acknowledge the status of the information.
- 4.6. Tape recordings of the meetings are **prohibited**.
- 4.7. In the event a Committee decision or position is formulated, each member utility shall have one vote regardless of number of representatives in attendance. All decisions shall be made by consensus.

5. Amendments

- 5.1. Any member at a regular meeting of this committee may propose amendments to this charter. All proposed amendments shall be passed by consensus.

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Appendix "A"
 Inter-Utility Working Group
 Full Covered and Non-Covered Task List

	Manual Section	Suggested Title	Code Section	Comments
1	Examining plastic pipe for defects		492.659	Design Sections so they are included.
2	Visually inspecting metallic components for defects		492.144	Design Sections so they are included.
3	Tapping/Drugging - Distribution (Tapping/Drugging - Transmission)		492.454	Design Sections?? Also covered by 192.617
4	Welding (Pipe Joining Qualification Policy) (Arc Welding) (Oxygen and Acetylene Welding)	WELDING	492.225- 492.227- 492.229- 492.246- 492.272	Not a part of L, M, I or Appendix D so it isn't a covered task. There are already qualification requirements for welding. O&M section also refers back to these sections. What increase in safety would there be if it was included within OC7 None.
5	Weld-replacement pipe, repair sleeves, etc.		492.253	Ties into welding reasoning.
6	Non-Destructive Testing Welds (AS-G-2) (Inspect welds of replace pipe, repair sleeves, etc.) (Steel Welding procedure) (Visually inspecting and approving welds) (Weld-replacement pipe, repair sleeves, etc.)	NON DESTRUCTIVE TESTING	492.244- 492.243	Not a part of L, M, I or Appendix D so it isn't a covered task. There are already qualification requirements for welding. Same as welding plus most is conducted out. SWG is including within their plan that they accept qualifications from other orgs (
7	Visual Inspection of Welds (Inspecting Welded Joints) (Making welded joints) PE Fusion of replacement PE pipe) (Pipe Joining (Plastic) Procedure)	VISUAL INSPECTION OF WELDS	492.244- 492.272	Not a part of L, M, I or Appendix D so it isn't a covered task. There are already qualification requirements for welding.
8	Repair or removal of weld defects		492.245	Ties into welding reasoning.
9	Distribution Repair - Cast Iron (Sealing cast iron joints)	CAST IRON REPAIR	192.275 192.733 192.765	This will be a separate item because it is listed in the 700 series of codes.
10	Distribution Repair - Ductile Iron		492.277	Under broad term of Pipe Repair and/or Replace
11	Distribution Repair - Copper		492.279	Under broad term of Pipe Repair and/or Replace
12	Pipe Joining (Plastic) Procedure (Joining plastic pipe using cement, adhesive or heat fusion) (PE fusion of replacement PE) (Plastic Fusion Applications) (Inspect PE pipe joints)	PLASTIC PIPE JOINING	492.281 492.283 492.285 492.287 492.273	Already a qualification requirement for this item and joining isn't listed in either section L, M, I or Appendix D.
13	Inspecting plastic pipe joints in the field		492.265	
14	Inspecting transmission line or main (Field visual inspection of pipe and components for damage (Main & Service Installation Procedures - 4. Locate Wire Insulator; General Installation Requirements; Inspect Pipe for Damage)	INSPECT PARTS FOR DAMAGE	492.267	Not in Sections L, M, I or Appendix D.

Appendix "A"
Inter-Utility Working Group
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	Manual Section	Suggested Title	Code Section	Comments
15	Arc Burn Repair (Distribution Repair - Steel) (Repair or removal of damage to steel pipe or components) (Transmission Repairs) (Above Ground Piping - Same as #10) (Pater RRV/HVY - Same as #10)	REPAIR OF STEEL PIPE	492.409	Not in Sections L, M, I or Appendix D.
16	Distribution Repair - Plastic (Repair of impingement or damage to plastic pipe)	REPAIR OF PLASTIC PIPE	492.411	Not in Sections L, M, I or Appendix D.
17	Back fill, replaced or repaired pipe (Installing pipe in a ditch) (Main & Service Installation. 2.7 Backfill Material (Trench Depth))	INSTALLATION OF PIPE IN A DITCH REPAIR/REPLACE PIPE	192.319 192.327	The facilities must have gas in them to be considered a covered task. This broad category task involves numerous covered tasks. Some concern with the title, but we'll look at this further later. Includes all of the repairs, installation requirements, s
18	Main & Service Installation Procedure 4. Leader Wire Installation, General Installation Requirements, In-spect- Pipe for Damage	INSTALLATION/REPLACE/ REPAIR PIPE IN TRENCH	492.321 492.365 492.365 492.644	Key: Someone replacing pipe, the person must know all of the sub-tasks associated with them. Combined with the item above.
19	Meter Installation (Meter Replacement) (4. In-spect- Wire Installation, General Installation Requirements, In-spect- Pipe for Damage) (Turn on and shut off gas meter set)	INSTALLATION OF METERS AND REGULATORS	492.357	Not a part of L, M, I or Appendix D so it isn't a covered task. The valve portion will go under maintain valves.
20	Leaking and tracing of gas meters		492.459	Not in Sections L, M, I or Appendix D.
21	Maintaining cathodic protection systems	CORROSION CONTROL	192.453	All requirements stated in the 400 series and Appendix D are considered Corrosion Control. You will qualify a person in Corrosion Control.
22	Operating cathodic protection systems		192.453	
23	Close Interval Testing	CLOSE INTERVAL TESTING	192.455	Part of Corrosion Control
24	Soil Resistivity	SOIL RESISTIVITY	192.455	Part of Corrosion Control
25	Determining areas of active corrosion		192.457	Part of Corrosion Control
26	CP Pipe Inspection	EXAMINATION OF EXPOSED PIPE	192.459	Part of Corrosion Control
27	Tape Coating (including inspection of wrap)	INSPECTION OF PIPE COATING	192.461	Part of Corrosion Control

App. "A"
Inter-Utility Working Group
Full Covered and Non-Covered Task List

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28	Pipe Coating Procedure (4.2.2 Connecting an Anode to a Riser) (Operate & maintain cathodic protection system)	CONNECTING AN ANODE TO A RISER	192.463	Part of Corrosion Control
29	Cathodic Protection (1.2 Rectifier Testing)	TEST RECTIFIERS	192.465	Part of Corrosion Control
30	Checking reverse current switches, diodes & interference bonds		192.465	Part of Corrosion Control
31	Conducting electrical surveys		192.465	Part of Corrosion Control
32	CP - Isolated Sections (Services/Mains)		192.465	Part of Corrosion Control
33	Monitoring external corrosion control		192.465	Part of Corrosion Control
34	Operate & maintain cathodic protection system		192.465	Part of Corrosion Control
35	Perform remedial actions for cathodic protection system		192.465	Part of Corrosion Control
36	Pipe Coating Procedure (2.4 Pipe to Soil Reads)	PIPE-TO-SOIL READS	192.465 192.463	Part of Corrosion Control
37	Remedial actions to correct CP deficiencies		192.465	Part of Corrosion Control
38	Testing cathodic protection		192.465	Part of Corrosion Control
39	Cathodic Protection (1.9 Locating Shorts)	LOCATE SHORTS	192.467	Part of Corrosion Control
40	Cathodic Protection (1.11 Testing Insulators)	TEST INSULATORS	192.467 192.471	Part of Corrosion Control
41	Corrosion Control Section I (4.2.3 Test Lead Connection) (1.4 Testing for Interference) (1.8 Interference Bond Testing) (Taking action to minimize the effect of stray currents)	TEST FOR INTERFERENCE CURRENTS	192.467 192.473	Part of Corrosion Control
42	Operate & maintain cathodic protection system		192.467	Part of Corrosion Control
43	Operate & maintain cathodic protection system		192.471	Part of Corrosion Control
44	Corrosion Control Section I (2.0 Pipe Inspection)		192.475	Part of Corrosion Control
45	CP - Internal Corrosion	INTERNAL CORROSION	192.475 192.477	Part of Corrosion Control
46	Atmospheric Corrosion	ATMOSPHERIC CORROSION	192.479 192.481	Part of Corrosion Control

Appendix "A"
Inter-Utility Working Group
Full Covered and Non-Covered Task List

	Manual Section	Suggested Title	Code Section	Comments
47	Meters Procedure Corrosion Control 1 (1.3 Primer and Paint Application (MSA's))	PAINT METERS	192.479 192.461	Part of Corrosion Control
48	Corrosion Control Section 1 (1.0 Tape Coating (including inspection of wrap)) (Perform remedial action for corroded pipe)	CP REMEDIAL MEASURES	192.481 192.483 192.487	Part of Repair/Replace Distribution Pipe
49	Assessing the extent of graphitization of cast iron pipe	GRAPHITIZATION	192.489	Part of Repair/Replace Distribution Pipe
50	Cathodic Protection Sec 2 (DS F-1: 100 Millivolt Polarization Testing)	100 MVOLT TESTING	App. D	Part of Corrosion Control
51	Pipe & Component Testing Procedure (Distribution) (Transmission)	PIPE COMPONENT TESTING- LEAK TEST	192.503 192.509 192.511 192.513	This is the art of soap testing, not pressure or straight testing.
52	Hydrate-Gas-Facilities	UPGRADE-GAS-FACILITIES	192.553 192.555 192.557	Upgrading a system is an activity that is comprised of multiple other covered tasks (operating valves or regulators, conducting leak survey, etc.).
53	Patrolling Lines (Conducting surveillance of pipeline facilities) (Evaluating the condition of a pipeline)		192.613	Part of the Patrolling.
54	Patrol and leakage survey-distribution system		192.613	Part of the Patrolling.
55	Perform transmission-leak surveys		192.613	Part of the Patrolling.
56	Inspecting pipelines for 3rd party damage		192.614	Part of the Patrolling.
57	Patrol and leakage survey-distribution system		192.614	Part of the Patrolling.
58	Perform leakage survey-in-area-of-leaking		192.614	Part of the Patrolling.
59	Pipe Locating T&E. (Line locating and marking pipelines) (Locate and markout pipes) (Mark & Locate - Internal / USA) (1.0 Pipe Locating, 2.0 Pipe Locators)	LOCATE FACILITIES	192.614	Locating facilities is a requirement of Damage Prevention.
60	Standby and Inspect operations	STAND-BYS	192.614	Subtask of locate facilities.
61	Leak Investigation (Leak Investigation Procedure) (Gas-Test-Monitoring (Same as #52)) (Emergency-shutdown-or-pressure-reduction) (Making-safe-a-pipeline-emergency) (Responding-to-rectification-of-emergency) (Restoring-service)	LEAK INVESTIGATION	192.615	Subtask of Leak Survey.

API "X" "A"
Inter-Utility Working Group
Full Covered and Non-Covered Task List

	Manual Section	Suggested Title	Code Section	Comments
62	Operating pipelines within pressure limits (Excludes gas pipelines from 60 PSIG to 400 PSIG)	OPERATING PIPELINES WITHIN PRESSURE LIMITS	192.619 192.621 192.623	The code references here are for establishing the MAOP of pipelines. Since this is a strength test (establishing the MAOP) and is performed prior to the tie in and gasing of the facility it does not meet all parts of the four-part test.
63	DSF II (Maintain odor injection equipment) (Monitor gas odorization intensity) (Odorization Tools & Equipment) (Odorize) (Odorize gas) (Taking samples of odorizable gas) (Odorization injection)	ODORIZATION	192.625	Odorization of gas is conducted to facilitate the recognition of natural gas leaks. The fact that the gas is odorized does not affect the operation or integrity of the pipeline. Therefore, this is not a covered task.
64	Pressure Control Procedures (Steel (welding) Tools and Equipment) (Tap distribution pipe) (Tap transmission lines) (Tapping pipelines under pressure) (Tapping/Plugging - Distribution) (Tapping/Plugging - Transmission) (Tapping, Stopping, and Completion)	TAPPING PIPELINES UNDER PRESSURE	192.627	This is a specific code requirement.
65	DS F-2 (Purge pipelines) (Purge) (Purging compressor units or pipelines) (Purging Operations) (Purging / Blowdown)	PURGING OF PIPELINES	192.629	
66	Perform removal from service, repair or replacement of pipelines (Repairing leaks)		192.703	This activity is a sub task under Repair/Replace Distribution Pipe.
67	Patrolling Lines (Patrolling pipelines) (Patrolling Procedure) (Perform transmission pipeline patrolling) Patrolling Lines (Patrol and leakage survey distribution system) (Patrolling pipelines) (Patrolling Procedure)	PATROLLING	192.705 192.707 192.721	Patrolling of distribution and transmission.
68	Leak Survey/Classification (Conducting leakage surveys) (Perform transmission leak surveys) (Conducting leakage surveys) (Leak Survey/Classification) (Patrol and leakage survey distribution system)	LEAK SURVEY / INVESTIGATION	192.706 192.723	Leak survey/investigation of distribution & transmission.

Appendix "A"
Inter-Utility Working Group
Full Covered and Non-Covered Task List

	Manual Section	Suggested Title	Code Section	Comments
69	Install line markers for mains and transmission lines (Patrolling Procedure) (Patrolling Lines) (2-Line Marker Placement)	INSTALL MARKERS FOR TRANSMISSION LINES	192.497	This activity is a sub task under Patrolling.
70	Transmission Repairs (Perform removal from service, repair or replacement of pipelines) (Above Ground Piping (Same as #10)) (Paral RR/HWY. Xings (Same as #10)) (Repair or removal of damage to steel pipe or components) (Repair or removal of weld defects)	TRANSMISSION LINE REPAIRS	192.711 192.713 192.715 192.717 192.719	This activity covers the repair/replacement of transmission facilities only.
71	Pipe & Component Testing Procedure (Test service lines for existing) (1-1-2 Soap Test) (1-2 Pressure Test (Including Pre-Testing Pip))	REINSTATING SERVICE LINES TEST REQUIREMENTS	192.725	This activity is a sub task of Leak test and Repair/Replace distribution pipelines.
72	Abandon gas pipelines (Abandoning or deactivating pipeline) (Abandoning vault) (Main & Service Installation) (Meter Locking/Unlocking (Same as #1)) (Turn On/Turn Off Service Valve) (Turn on and shut off gas meters sets) (Locking and binding of gas me	ABANDON GAS PIPELINES	192.553 192.559 192.727	This activity is a sub task Repair/Replace distribution pipelines.
73	Compressor Station Policy (Inspecting and testing pressure limiting devices) (Inspection and testing of relief devices) (Inspection and testing of remote shutdown devices) (Maintain compressor station emergency shut down system) (Test gas distribution	INSPECTION AND TESTING OF RELIEF DEVICES	192.734	This code section refers, and is no different from, the requirements established in 192.739 & 192.741 for testing relief devices. Therefore it doesn't need to be a separate task.
74	Compressor Station Policy Requirements	INSPECT AND TESTING REMOTE CONTROL SHUTDOWN DEVICES	192.731 (c)	This is a specific code requirement.

App. X "A"
Inter-Utility Working Group
Full Covered and Non-Covered Task List

	Manual Section	Suggested Title	Code Section	Comments
75	Compressor Stations Policy (Inspect and maintain gas compressor station gas detection system) (Maintaining gas detection and alarm systems)	MAINTAIN COMPRESSOR STATION GAS DETECTION SYSTEMS	192.736	This is a specific code requirement.
76	Operate compressor stations: Start, operate and shut down gas compressor units	START, OPERATE & SHUT DOWN GAS COMPRESSOR UNITS	192.603 (X7)	This is a specific code requirement.
77	Inspect and test pressure regulating and limiting stations (Distribution Stations) (Transmission Stations) (1. Inspection and Testing of Relief Devices) (GMC 1-1 Installation & Testing of Pressure Limiting & Reg Stations/Inspecting and testing pressure lin	INSPECT AND TEST PRESSURE REGULATING AND LIMITING DEVICES	192.739	
78	Gas distribution system, verification of district pressure (Distribution Stations) (Transmission Stations) (Inspecting and testing pressure limiting devices) (Test gas distribution and transmission relief valves)	MONITOR TELEMETERING AND/OR PRESSURE RECORDING DEVICES	192.741	Code is specific to pressure.
79	Inspecting and testing pressure limiting devices (GMC 1-1 Installation & Testing of Pressure Limiting & Reg Stations) (Distribution Stations) (Transmission Stations) (Inspect and test pressure regulating and limiting stations) (Test gas distribution and t	INSPECT AND TEST RELIEF DEVICES	192.743	The Compressor Station requirements in 192.731 are covered under this item.
80	Valves - Transmission (Inspect and maintain gas distribution and transmission valves) (Inspecting and partially operating transmission line valves) (Valve Procedure)	VALVE MAINTENANCE	192.745 192.747	All valve maintenance falls under this task, both transmission and distribution. This also includes the task of turning off stopcocks.
81	Valves - Distribution (Checking the operability of distribution line valves) (Inspect and maintain gas distribution and transmission valves) (Valve Maintenance)	DISTRIBUTION LINE VALVE MAINTENANCE	192.747	The distribution and transmission valve maintenance are covered under one requirement.

Apt. "A"
Inter-Utility Working Group
Full Covered and Non-Covered Task List

	Manual Section	Suggested Title	Code Section	Comments
82	Vault/PI Inspections (Inspect and maintain gas regulator and limiting equipment vaults) (Inspecting vaults, including ventilation equipment and covers) (Meters (Vault Maintenance))	VAULT MAINTENANCE	192.749	This is a specific code requirement
83	Preventing accidental ignitions of gas (A-3-Static-Electricity-Control) (4-Extinguishing-Gas-Hazards-&-Prevention-of-Ignition)	PREVENTION OF ACCIDENTAL IGNITION	192.751	Prevention of accidental ignition activities are a part of other procedures.
84	Distribution Repair—Cast Iron (Sealing cast iron joints)	CAST IRON REPAIR	192.755	The repair of cast iron is covered as part of Repair/Replace Distribution Pipelines.
85	Protecting cast iron pipe from outside force damage		192.755	The repair of cast iron is covered as part of Repair/Replace Distribution Pipelines.
86	Leakage Methods for Leak Survey (1-Determining Leak Spread, Centering, Punging, Bar Holes, FPs, CGPs, Flame Detector, Leak Classification)	LEAK SURVEY METHODS		Subtasks under leak survey
87	Meter Reading			Not a covered task
88	Inspect and test pressure-regulating and limiting stations		192.605	All of the following items (192.605 reference) are included in other code reference sections.
89	Abandon gas pipelines		192.605	
90	Back fill replaced or repaired pipe		192.605	
91	Gas distribution system, verification of diameter pressure		192.605	
92	Inspect and maintain gas distribution and transmission valves		192.605	
93	Inspect and maintain gas regulator and limiting equipment vaults		192.605	
94	Inspect and test pressure-regulating and limiting stations		192.605	
95	Inspect PE pipe joints		192.605	
96	Inspect welds of replaced pipe, repair sleeves, etc.		192.605	
97	Install time markers for mains and transmission lines		192.605	
98	Lease and mark-out pipes		192.605	
99	Maintain odor injection equipment		192.605	
100	Monitor gas odorization intensity		192.605	
101	Patrol and leakage survey distribution system		192.605	
102	PE action of replacement PE pipe		192.605	
103	Perform removal from service, repair or replacement of pipelines		192.605	
104	Perform transmission leak surveys		192.605	
105	Perform transmission line testing of repairs		192.605	
106	Perform transmission pipeline patrolling		192.605	
107	Repair or removal of weld defects		192.605	
108	Standby and inspect excavations		192.605	

Appendix "A"
 Inter-Utility Working Group
 Full Covered and Non-Covered Task List

	Manual Section	Suggested Title	Code Section	Comments
109	Test gas distribution and transmission relief valves		192.605	
110	Test service lines for reticulating		192.605	
111	Upgrade gas pipelines from 60 PSI/G to 400 PSI/G		192.605	
112	Weld replacement pipes, repair sleeves, etc.		192.605	
113	Operate SDC&B transmission system		192.605	
114	Examine exposed buried pipe		192.605	
115	Field wrap pipe & holiday detector test pipe wrap		192.605	
116	Inspect aboveground metal pipes for corrosion or wrap deterioration		192.605	
117	Perform remedial action for corroded pipe		192.605	
118	Perform remedial actions for cathodic protection system		192.605	
119	Locating and blanking of gas meters		192.605	
120	Perform hot end repairs of steel pipelines		192.605	
121	Purge pipelines		192.605	
122	Tap distribution pipe		192.605	
123	Tap transmission lines		192.605	
124	Turn on and shut off gas meters sets		192.605	
125	Inspect and maintain gas compressor station gas detection systems		192.605	
126	Maintain emergency stations emergency shut down system		192.605	
127	Purging		192.605	
128	Conducting surveillance of pipeline facilities		192.605	
129	Employee Safety Procedure		192.605	
130	Employee Safety Procedure		192.605	
131	Handling abnormal operations in transmission lines		192.605	
132	Inspecting and testing pressure limiting devices		192.605	
133	Testing compressor units or pipeline systems for maintenance		192.605	
134	Meter Locking/Unlocking (Same as #1)		192.605	
135	Operate & maintain cathodic protection system		192.605	
136	Operating compressors		192.605	
137	Protecting against hazardous atmospheres in trenches		192.605	
138	Purging compressor units or pipelines		192.605	

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Inter-Utility Working Group
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139	<p>Recognizing and responding to:</p> <ol style="list-style-type: none"> 1. Unintended valve closures or shutoffs 2. Abnormal pressure changes 3. Loss of communication 4. Malfunction of a component 5. Deviation from normal operating conditions 6. Personnel error 		192.605	
140	Recognizing conditions that may require reporting as safety-related conditions		192.605	
141	Responding to emergencies		192.605	
142	Starting up & shutting down any part of a pipeline		192.605	
143	Testing & inspecting pipe or bottle type holders		192.605	
144	Furn Gas Furn-GH (Service Valve)		192.605	
145	Pipe Type Bottle Holders (Fending of Gas)		192.605	Subtasks associated with this would be opening the valve to take the gas sample. This is a covered task of its own. There are no additional covered tasks associated with this activity.
146	Operating Valves		192.605	The valves could be operated through a SCADA system, but this is included in Valve Maintenance.