

<b>COVERED TASK</b>	Conduct Cathodic Protection Surveys		1	
<b>DESCRIPTION</b>	Annual surveys are conducted for each operator's pipeline system that is under cathodic protection to ensure that the protection is adequate. This task is related to the collection of data and does not include analysis.			
<b>ELEMENTS OF TASK</b>		Measurement of pipe-to-soil potentials.		
		Measurement of casing-to-soil potentials.		
		Testing to detect interference and/or to ensure electrical isolation from foreign structures.		
		Inspection and electrical test to bonds.		
		Measurement of tank bottom-to-soil potentials.		
<b>4 PART QUESTION</b>		YES	NO	
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>NOTES</b>	The majority of gas and/or liquid pipelines are under cathodic protection; this is a standard O&M task in corrosion control. A close interval survey may be used as an annual survey but is not required.			
<b>ABNORMAL OPERATING CONDITIONS</b>	<b>Abnormal Facility Condition</b>	CP reading outside of expected range		
	<b>Fire / Explosion</b>	Ignition of hydrocarbons		
	<b>Unexpected hazardous gas, liquid or carbon dioxide encountered</b>	Employee could discover a leak while performing this task		

<b>COVERED TASK</b>	Maintain Test Leads		2	
<b>DESCRIPTION</b>	Test leads required for cathodic protection must be maintained to ensure that accurate measurements can be obtained.			
<b>ELEMENTS OF TASK</b>		Recognize electrical discontinuity		
		Replace broken test lead		
		Repair broken test lead		
<b>4 PART QUESTION</b>		YES	NO	
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>NOTES</b>	The majority of gas and/or liquid pipelines are under cathodic protection; this is a standard O&M task in corrosion control.			
<b>ABNORMAL OPERATING CONDITIONS</b>	<b>Pipeline System Damage</b>	Burn through during cadweld, dents, & gouges		
	<b>Component Failure</b>	Discover broken leads		
	<b>Fire / Explosion</b>	Burn through during cadweld, ignition of vapor		
	<b>Unexpected hazardous gas and/or, liquid or carbon dioxide encountered</b>	Employee could discover a leak while performing this task		

<b>COVERED TASK</b>	Inspect Cathodic Protection Rectifiers		<b>3</b>	
<b>DESCRIPTION</b>	Obtain a voltage and current output readings from rectifier. Perform cathodic protection rectifiers on/off test.			
<b>ELEMENTS OF TASK</b>		Recognize electrical discontinuity		
		Replace broken test lead		
		Repair broken test lead		
<b>4 PART QUESTION</b>			YES	NO
	Is task performed on a pipeline?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Does task affect the operation or integrity of the pipeline?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>NOTES</b>	The majority of gas and/or liquid pipelines are under cathodic protection; this is a standard O&M task in corrosion control.			
		<b>Component Failure</b>	Rectifier failure.	
		<b>Fire / Explosion</b>	Ignition of hydrocarbons	
		<b>Unexpected hazardous gas and/or, liquid or carbon dioxide encountered</b>	Employee could discover a leak while performing this task	

<b>COVERED TASK</b>	Cathodic Protection Rectifier Maintenance and Repair		<b>4</b>	
<b>DESCRIPTION</b>	Troubleshoot and repair rectifiers.			
<b>ELEMENTS OF TASK</b>		Recognize electrical discontinuity		
		Replace broken test lead		
		Repair broken test lead		
<b>4 PART QUESTION</b>			YES	NO
	Is task performed on a pipeline?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Does task affect the operation or integrity of the pipeline?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>NOTES</b>	The majority of gas and/or liquid pipelines are under cathodic protection; this is a standard O&M task in corrosion control.			
		<b>Component Failure</b>	Rectifier failure.	
		<b>Fire / Explosion</b>	Ignition of hydrocarbons	
		<b>Unexpected hazardous gas and/or, liquid or carbon dioxide encountered</b>	Employee could discover a leak while performing this task	

<b>COVERED TASK</b>	<b>Electrically Inspect Bare Pipe</b>		<b>5</b>	
<b>DESCRIPTION</b>	Pipeline operators must electrically inspect bare pipe in its pipeline systems that is not cathodically protected at intervals not exceeding 5 years.			
<b>ELEMENTS OF TASK</b>		Measure soil resistivity		
		Perform soil-to-soil surveys		
<b>4 PART QUESTION</b>			YES	NO
	Is task performed on a pipeline?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Does task affect the operation or integrity of the pipeline?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>NOTES</b>	A close interval survey may be used but is not required.			
<b>ABNORMAL OPERATING CONDITIONS</b>	<b>Abnormal Facility Condition</b>		Out of spec resistivity or low potential readings	
	<b>Fire / Explosion</b>		Ignition of hydrocarbons	
	<b>Unexpected hazardous gas and/or, liquid or carbon dioxide encountered</b>		Employee could discover a leak while performing this task	

<b>COVERED TASK</b>	<b>Prevention of Atmospheric Corrosion</b>		<b>6</b>	
<b>DESCRIPTION</b>	Each component in the pipeline system that is exposed to the atmosphere must be cleaned and coated with a suitable material to prevent atmospheric corrosion, and this protection must be maintained.			
<b>ELEMENTS OF TASK</b>		Sandblasting and/or surface preparation		
		Application of coating		
		Inspection of coatings		
		Inspection of insulation		
<b>4 PART QUESTION</b>			YES	NO
	Is task performed on a pipeline?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Does task affect the operation or integrity of the pipeline?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>NOTES</b>	This is a standard O&M task and is normally considered as painting. "Coating" is used in the regulations, which emphasize corrosion control as opposed to painting for cosmetic reasons. This will include the inspection of spans, elevated sections of pipe, or other areas subject to atmospheric corrosion. Special attention to the inspection of pipeline systems that have insulation installed may be necessary to detect corrosion under the insulation.			
<b>ABNORMAL OPERATING CONDITIONS</b>	<b>Abnormal Facility Condition</b>		Presence of atmospheric corrosion, pitting, etc.	
	<b>Fire / Explosion</b>		Ignition of hydrocarbons	
	<b>Unexpected hazardous gas and/or, liquid or carbon dioxide encountered</b>		Preparing surfaces for coating	

COVERED TASK	Measure Wall Thickness of Pipe		7
ELEMENTS OF TASK	Using pit depth gauge		
	Using ultrasonic thickness tester		
	Measuring the affected corroded area		
4 PART QUESTION		YES	NO
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NOTES	<p>Pipe strength analysis and/or other engineering evaluations conducted off-site are not covered tasks. However, activities to obtain pit depth or wall thickness measurements are covered tasks.</p> <p>Any pipe that is found to be corroded / pitted so that the remaining wall thickness is less than the minimum thickness required by the pipe specification tolerances must be replaced or repaired. Based on actual remaining wall thickness, operating pressures may be reduced in lieu of pipe repair or replacement.</p> <p>The strength of the pipe, based on actual remaining wall thickness measurements described above, may be determined by using the procedure in ASME B31G manual for Determining the Remaining Strength of Corroded Pipelines. The procedure developed by AGA / Batelle – A Modified Criterion for Evaluating the Remaining Strength of Corroded Pipe (with RSTRENG disk) may also be used.</p>		
ABNORMAL OPERATING CONDITIONS	<b>Abnormal Facility Condition</b>	Internal or external corrosion	
	<b>Fire / Explosion</b>	Ignition of hydrocarbon	
	<b>Unexpected hazardous gas and/or, liquid or carbon dioxide encountered</b>	Insufficient wall thickness	
	<b>Pipeline System damage</b>	Line hit, gouges	

<b>COVERED TASK</b>	Cathodic Protection Remediation		8	
<b>DESCRIPTION</b>	Cathodic protection systems installed on pipeline facilities must be tested and maintained to ensure adequate protection. As a result of annual surveys and other tests, remedial measures must be taken to correct changing conditions on the pipeline system. Retrofitting cathodic protection in these circumstances is a covered task.			
<b>ELEMENTS OF TASK</b>	 Install bonds and/or bond interface Install anodes	 Install test leads		
	 Install rectifiers	 Conduct electrolyte resistivity measurements		
	 Install groundbeds	 Clean, fill or monitor shorted casings		
<b>4 PART QUESTION</b>			YES	NO
	Is task performed on a pipeline?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Does task affect the operation or integrity of the pipeline?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>NOTES</b>	Rectifiers may break down and need to be replaced or additional rectifiers may be required. Operators also replace anodes that have exceeded their useful lives. Installing an anode in these circumstances is a covered task. Installing test leads (test stations), checking soil resistivity and installing groundbeds are also covered tasks in these situations. Clearing a shorted casing, while not specifically addressed, is considered a covered task. Failure to correct a shorted casing can seriously impair the cathodic protection system and produce accelerated localized corrosion.			
<b>ABNORMAL OPERATING CONDITIONS</b>	<b>Abnormal Facility Condition</b>	Low CP levels		
	<b>Component Failure</b>	Failure of rectifiers, coatings, anodes, leads, etc.		
	<b>Fire / Explosion</b>	Burn through during cadweld, ignition of vapors		
	<b>Unexpected hazardous gas and/or, liquid or carbon dioxide encountered</b>	Leak within casings		

<b>COVERED TASK</b>	Monitoring for Internal Corrosion		9	
<b>DESCRIPTION</b>	Pipeline operators must take adequate steps to ensure that any corrosive effect of the transported gas and/or and/or liquid is mitigated. At least twice a year operators must examine coupons or other types of monitoring equipment to determine the effectiveness of the inhibitors or the extent of corrosion.			
<b>ELEMENTS OF TASK</b>	 Insertion and removal of coupons			
	 Monitor probes			
<b>4 PART QUESTION</b>			YES	NO
	Is task performed on a pipeline?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Does task affect the operation or integrity of the pipeline?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>NOTES</b>	If the transported gas and/or and/or liquid is identified as corrosive to the pipe or other components of the pipeline system, the operator must take adequate steps to mitigate or control the corrosion. The analysis of a coupon at an offsite laboratory would not be considered part of this task.			
<b>ABNORMAL OPERATING CONDITIONS</b>	<b>Abnormal Facility Condition</b>	Discovery of internal corrosion		
	<b>Fire / Explosion</b>	Ignition of hydrocarbon		
	<b>Unexpected hazardous gas and/or, liquid or carbon dioxide encountered</b>	Leak from coupon holder		

<b>COVERED TASK</b>	Inspect Buried Pipe When Exposed		10	
<b>DESCRIPTION</b>	Any time buried pipe is exposed, pipeline operators must examine the pipe for evidence of external corrosion.			
<b>ELEMENTS OF TASK</b>		Inspect for physical damage		
		Inspect for corrosion		
		Inspect the condition of coating		
<b>4 PART QUESTION</b>		YES	NO	
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>NOTES</b>	This task takes place when the opportunity to visually inspect normally buried pipe for external corrosion and/or for the condition of the pipe coating occurs. This does not apply to abandoned pipelines.			
<b>ABNORMAL OPERATING CONDITIONS</b>	<b>Abnormal Facility Condition</b>	Corrosion		
	<b>Fire / Explosion</b>	Ignition of hydrocarbon		
	<b>Pipeline System Damage</b>	Dent or gouge in pipe, damaged coating		
	<b>Unexpected hazardous gas and/or, liquid or carbon dioxide encountered</b>	Leak from exposed pipeline		

<b>COVERED TASK</b>	Inspect and Calibrate Overfill Protective Devices		11	
<b>DESCRIPTION</b>	This task consists of the inspection, testing and adjustment activities performed on a breakout tank overfill protective device to ensure that it is functioning properly, is in good operating condition, and is adequate for the application.			
<b>ELEMENTS OF TASK</b>		Gas and/or and/or liquid level/oil height adjustments		
		Verifying alarm parameters		
		Verify operation of relief flow and indication devices		
		Adjusting timers or sequence events		
		On-site changes or corrections to ladder logic		
		Implementation of new or revised programming (software)		
<b>4 PART QUESTION</b>		YES	NO	
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>NOTES</b>	Electrical Technicians, Instrument Technicians, Operations Personnel, or Communication Technician normally perform this task. Contract instrument service companies or contract control equipment personnel could also carry out this task.			
<b>ABNORMAL OPERATING CONDITIONS</b>	<b>Component Failure</b>	Seals, faulty monitoring devices		
	<b>Fire / Explosion</b>	Ignition of released hydrocarbons		
	<b>Unexpected hazardous gas and/or, liquid or carbon dioxide encountered</b>	Free product in standpipe		

COVERED TASK	Internal Corrosion Remediation		12	
DESCRIPTION	If corrosion inhibitors are used to mitigate internal corrosion, the operator must inject the inhibitor in sufficient quantities to ensure design coverage of the inhibitor. This task has the associated activities of starting, stopping or controlling inhibitor injection.			
ELEMENTS OF TASK		Controlling the injection rate of the inhibitor		
		Monitoring the injection rate of the inhibitor.		
4 PART QUESTION		YES	NO	
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
NOTES	Does task affect the operation or integrity of the pipeline?			
	<input checked="" type="checkbox"/> <input type="checkbox"/>			
ABNORMAL OPERATING CONDITIONS	If the transported product is identified as corrosive to the pipe or other components of the pipeline system, the operator must take adequate steps to mitigate or control the corrosion.			
	<b>Component Failure</b>	Malfunction of pump, meters, connecting lines of corrosion inhibitor		

COVERED TASK	Inspect Internal Pipe Surfaces		13	
DESCRIPTION	The operator must inspect the internal surface for evidence of corrosion whenever any pipe is removed from the pipeline system. If the pipe is corroded such that the remaining wall thickness is less than minimum requirements, the operator must investigate and inspect the adjacent pipe to determine the extent of corrosion.			
ELEMENTS OF TASK		Visual inspection of the internal surface		
		Measurement of wall thickness		
4 PART QUESTION		YES	NO	
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
NOTES	Does task affect the operation or integrity of the pipeline?			
	<input checked="" type="checkbox"/> <input type="checkbox"/>			
ABNORMAL OPERATING CONDITIONS	Pipe strength analysis and/or other engineering evaluations conducted off-site are not covered tasks. However, activities to obtain pit depth or wall thickness measurements are covered tasks. Any pipe that is found to be corroded or pitted so that the remaining wall thickness is less than the minimum thickness required by the pipe specification tolerances must be replaced. Based on actual remaining wall thickness, operating pressures may be reduced in lieu of pipe repair or replacement.			
	<b>Abnormal Facility Condition</b>	Inadequate wall thickness		
	<b>Fire / Explosion</b>	Ignition of hydrocarbons		
	<b>Unexpected hazardous gas and/or, liquid or carbon dioxide encountered</b>	Failure of isolation		

COVERED TASK	Application and Repair of External Coatings		14
DESCRIPTION	This task is performed when the external protective coating on in-service pipe is found to be damaged or defective (i.e. contains a "holiday", has disbanded, or deteriorated for any reason, etc.). This task includes field application and re-coating procedures. Coating application or repairs made off-site or prior to the pipeline being put into service (during construction) are not covered tasks.		
ELEMENTS OF TASK	<input type="checkbox"/> Removal of pipe coating in area of defect <input type="checkbox"/> Cleaning and preparation of pipe to accept coating repair <input type="checkbox"/> Preparation of coating material to be applied <input type="checkbox"/> Application of new coating to defective area		
4 PART QUESTION		YES	NO
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NOTES	Does task affect the operation or integrity of the pipeline?		
	<input checked="" type="checkbox"/> <input type="checkbox"/>		
ABNORMAL OPERATING CONDITIONS	Applying or repairing coating as part of maintenance of an existing line is a covered task. Applying coating at a mill, coating facility or other location away from the pipeline facility is not a covered task. Re-coating an existing pipeline because the coating has deteriorated or applying coating to an existing uncoated line are maintenance tasks performed on the pipeline facility and are covered tasks. Applying coating patches after coating has been removed to allow repairs is also a covered task. Field application of external coating is considered a construction task if performed on a new pipeline segment that is not tied to an active line. This includes applying coating at joints after construction-related welding.		
	<b>Pipeline System Damage</b>	Dents, gouges, etc.	
	<b>Component Failure</b>	Damaged coating	
	<b>Fire / Explosion</b>	Fire from use of torches, etc.	
ABNORMAL OPERATING CONDITIONS	<b>Unexpected hazardous gas and/or, liquid or carbon dioxide encountered</b>	Employee could discover a leak while performing this task	

COVERED TASK	Place and Maintain Line Markers		15
DESCRIPTION	Each operator is required to place and maintain line markers over each buried pipeline so that the pipeline location is accurately communicated.		
ELEMENTS OF TASK	<input type="checkbox"/> Locate line <input type="checkbox"/> Install marker		
4 PART QUESTION		YES	NO
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NOTES	Does task affect the operation or integrity of the pipeline?		
	<input checked="" type="checkbox"/> <input type="checkbox"/>		
ABNORMAL OPERATING CONDITIONS	Line markers must meet the specifications outlined in Part 192/195.		
	<b>Abnormal Facility Condition</b>	Line marker is missing or installed in wrong location	
ABNORMAL OPERATING CONDITIONS	<b>Pipeline System Damage</b>	Damaging the pipe/coating while installing the marker.	

COVERED TASK	Inspect Surface Conditions of Right-of-Way		16	
DESCRIPTION	Each operator is required to inspect the surface conditions of the pipeline Right Of Way (ROW) and adjacent areas. Walking, driving, flying or other appropriate means of traversing the ROW are methods of performing this task. Air patrol pilots (line flyers) are performing this covered task when they fly the ROW.			
ELEMENTS OF TASK		Visual inspection of the surface		
		Reporting protocols		
4 PART QUESTION		YES	NO	
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
NOTES	Does task affect the operation or integrity of the pipeline?			
	<input checked="" type="checkbox"/>			
	<input type="checkbox"/>			
	None applicable			
ABNORMAL OPERATING CONDITIONS	<b>Abnormal Facility Condition</b>	Wash out, construction on ROW, equipment on ROW		
	<b>Fire / Explosion</b>	Ignition of released hydrocarbons		
	<b>Pipeline System Damage</b>	Vandalism, support damage		
	<b>Unexpected hazardous gas and/or, liquid or carbon dioxide encountered</b>	Dead vegetation, product on water		

COVERED TASK	Inspect Navigable Waterway Crossing		17	
DESCRIPTION	At least every five years, operators are required to inspect each crossing under a navigable waterway to determine the condition of the crossing.			
ELEMENTS OF TASK		Use of probing equipment		
		Use of sonar equipment		
		Reporting protocols		
4 PART QUESTION		YES	NO	
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
NOTES	Does task affect the operation or integrity of the pipeline?			
	<input checked="" type="checkbox"/>			
	<input type="checkbox"/>			
	Offshore pipelines are exempt from this task			
ABNORMAL OPERATING CONDITIONS	<b>Abnormal Facility Condition</b>	Exposed / undercut pipe, inadequate pipeline support		
	<b>Pipeline System Damage</b>	Coating anomalies, pipe damage		
	<b>Unexpected hazardous gas and/or, liquid or carbon dioxide encountered</b>	Employee could discover a leak while performing this task		

<b>COVERED TASK</b>	Inspection of Breakout Tanks		18	
<b>DESCRIPTION</b>	Function of regulatory compliance and inspection for breakout tanks.			
<b>ELEMENTS OF TASK</b>		Inspect breakout tanks in accordance with API Standard 653		
		Inspect breakout tanks in accordance with API Standard 510		
<b>4 PART QUESTION</b>		YES	NO	
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>NOTES</b>				
<b>ABNORMAL OPERATING CONDITIONS</b>	<b>Abnormal Facility Condition</b>	Leaking tanks		
	<b>Unexpected hazardous gas and/or gas, liquid or carbon dioxide encountered</b>	Employee could discover a leak while performing this task.		

<b>COVERED TASK</b>	Provide Temporary Marking of Buried Pipeline Prior to Excavation		19	
<b>DESCRIPTION</b>	Pipeline operators are required to provide temporary marking of all buried pipelines in the areas of excavation activity as far in advance of the actual excavation work as practical. Monitoring and inspection during the excavation must also be provided to verify the integrity of the pipeline.			
<b>ELEMENTS OF TASK</b>		Locate line		
		Install appropriate temporary markers		
		Determine depth of pipeline		
<b>4 PART QUESTION</b>		YES	NO	
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>NOTES</b>	Persons who perform this task need to follow the local and state requirements. This may include permitting, one-call systems, etc. Offshore pipelines are exempt from this task.			
<b>ABNORMAL OPERATING CONDITIONS</b>	<b>Abnormal Facility Condition</b>	Line marker is missing or installed in the wrong location.		

<b>COVERED TASK</b>	<b>Inspection Following Excavation Activities and Leak Survey After Blasting</b>		<b>20</b>	
<b>DESCRIPTION</b>	Inspection after excavation activities must be performed to verify the integrity of the pipeline. Excavation activities include excavation, blasting, boring, tunneling, backfilling, the removal of aboveground structures by either explosive or mechanical means, and other earth moving operations. In the case of blasting, any inspection must include leakage surveys.			
<b>ELEMENTS OF TASK</b>	<input type="checkbox"/>	Utilize leak survey techniques		
	<input type="checkbox"/>	Monitor for pressure loss		
	<input type="checkbox"/>	Inspect for physical damage		
	<input type="checkbox"/>	Inspect for corrosion		
	<input type="checkbox"/>	Inspect for condition of coating		
<b>4 PART QUESTION</b>			<b>YES</b>	<b>NO</b>
	Is task performed on a pipeline?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Does task affect the operation or integrity of the pipeline?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>NOTES</b>	The leakage survey is typically a visual inspection of the right-of-way or area closest to the blasting impact to check for any evidence of leaks or damage to the pipeline. The monitoring for pressure loss is often performed by Pipeline Controllers.			
<b>ABNORMAL OPERATING CONDITIONS</b>	<b>Abnormal Facility Condition</b>	Corrosion		
	<b>Fire / Explosion</b>	Ignition of released hydrocarbons		
	<b>Pipeline System Damage</b>	Damaged pipe, unexpected soil movement		
	<b>Unexpected Hazardous Gas and/or, liquid or carbon dioxide Encountered</b>	Employee could discover a leak while performing this task		

<b>COVERED TASK</b>	<b>Provide Security for Pipeline Facilities</b>		<b>21</b>	
<b>DESCRIPTION</b>	This task consists of the practices necessary to prevent vandalism and unauthorized entry into a breakout tank area, pumping station or other exposed facility.			
<b>ELEMENTS OF TASK</b>	<input type="checkbox"/>	Inspect perimeter fencing and signs		
	<input type="checkbox"/>	Monitoring by remote security devices		
	<input type="checkbox"/>	Maintain integrity of fence		
<b>4 PART QUESTION</b>			<b>YES</b>	<b>NO</b>
	Is task performed on a pipeline?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Does task affect the operation or integrity of the pipeline?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>NOTES</b>	Tank Coordinators, Pipeliners, Pipeline Maintenance Foremen, and Operations Personnel normally perform this task. Contract tankage service companies and contract maintenance personnel could also carry out this task. This is a combination task of ensuring that safeguards are in place (gates, locks, barriers, etc.) and also a task of awareness for unauthorized personnel.			
<b>ABNORMAL OPERATING CONDITIONS</b>	<b>Abnormal Facility Condition</b>	Vandalism or other breach of security		

COVERED TASK	Inspect Valves		22
DESCRIPTION	This task consists of the inspection activities performed on each valve that is necessary for safe operation of a pipeline. This applies to block valves, manifold valves, tank valves, pump suction / discharge valves, check valves, pressure control valves and any other valves (except relief valves) that are in service and physically connected to the pipeline system.		
ELEMENTS OF TASK	<ul style="list-style-type: none"> <li>☛ Verify location of valve to be inspected</li> <li>☛ Check the accessibility of the valve</li> <li>☛ Verify the valve number and nameplate data</li> <li>☛ Verify valve type and manufacturer</li> <li>☛ Check for leaks, damage or corrosion</li> <li>☛ Operate the valve to verify that it operates properly</li> <li>☛ Return valve to original position</li> <li>☛ Re-lock in proper position or provide security as appropriate</li> <li>☛ Document results</li> </ul>		
4 PART QUESTION		YES	NO
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NOTES	Mechanical Technicians, Pipeliners, Pipeline Maintenance Foreman, or contractor personnel normally perform this task.		
ABNORMAL OPERATING CONDITIONS	<b>Component Failure</b>	Valve stem damage, operator failure	
	<b>Communications, Control Systems or Power Interruption</b>	Interruption while operating valve	
	<b>Activation of Safety Device</b>	System overpressure	
	<b>Fire / Explosion</b>	Ignition of released hydrocarbons	
	<b>Unexpected Hazardous Gas and/or, liquid or carbon dioxide Encountered</b>	Gasket failure, seal failure, thermal relief leaking	

COVERED TASK	Repair Valves		23
DESCRIPTION	This task consists of the repair activities performed on each valve that is necessary for safe operation of a pipeline. This applies to block valves, manifold valves, tank valves, pump suction / discharge valves, check valves, pressure control valves and any other valves (except relief valves) that are in service and physically connected to the pipeline system.		
ELEMENTS OF TASK		Disassembly of valve	
		Cleaning and inspection of valve's internal components	
		Repair or replacement of failed or worn components	
		Re-assembly of valve and return to operating condition	
		Repair or adjustment of the valve actuator	
		Document results	
4 PART QUESTION		YES	NO
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NOTES	Mechanical Technicians and/or Electrical Technicians normally perform this task. Pipeliners, Pipeline Maintenance Foremen, contract valve service companies, or contractor maintenance personnel could also perform this task.		
ABNORMAL OPERATING CONDITIONS	<b>Component Failure</b>	Stem or operator failure, worn, defective components	
	<b>Communications, Control Systems or Power Interruption</b>	After repair, potential communication or control system problems	
	<b>Activation of Safety Device</b>	During isolation process, after repair, resetting limits, etc.	
	<b>Fire / Explosion</b>	Ignition of released hydrocarbons	
	<b>Unexpected Hazardous Gas and/or, liquid or carbon dioxide Encountered</b>	Pressurized trapped hydrocarbons within valve body, failure of isolation	

COVERED TASK	Inspect, Test, and Calibrate Relief Devices		24
DESCRIPTION	This task consists of the activities performed on a relief valve to verify that it is functioning properly, in good mechanical condition, and is adequate for the application.		
ELEMENTS OF TASK		Verify location of valve to be inspected	
		Verify the valve number and nameplate data	
		Verify valve type and manufacturer	
		Test and calibrate valve	
		Visually inspect valve for leaks or corrosion	
		Document results	
4 PART QUESTION		YES	NO
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NOTES	Mechanical Technicians or Electrical Technicians normally perform this task. Pipeliners, Pipeline Maintenance Foremen, contract valve service companies, or contractor maintenance personnel could also perform this task.		
ABNORMAL OPERATING CONDITIONS	<b>Component Failure</b>	Exceed maximum design pressure	
	<b>Fire / Explosion</b>	Ignition of released hydrocarbon	
	<b>Unexpected Hazardous Gas and/or, liquid or carbon dioxide Encountered</b>	Leaking isolation valve, trapped pressurized hydrocarbons within valve body	

COVERED TASK	Maintain / Repair Relief Valves		25
DESCRIPTION	This task consists of the repair and maintenance activities performed on a relief valve in service on an existing pipeline system. This applies to maintaining or restoring design function.		
ELEMENTS OF TASK		Disassembly of valve	
		Cleaning and inspection of valve's internal components	
		Repair or replacement of failed or worn components	
		Re-assembly of valve and return to operating condition	
		Repair, adjustment, or calibration of relief valve sensing or control devices	
4 PART QUESTION		YES	NO
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NOTES	Does task affect the operation or integrity of the pipeline?		
	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
ABNORMAL OPERATING CONDITIONS	Mechanical Technicians or Electrical Technicians normally perform this task. Pipeliners, Pipeline Maintenance Foremen, contract valve service companies, or contractor maintenance personnel may also perform this task.		
	<b>Component Failure</b>	Incorrect re-assembly of valve	
	<b>Fire / Explosion</b>	Ignition of released hydrocarbon	
	<b>Unexpected Hazardous Gas and/or, liquid or carbon dioxide Encountered</b>	Leaking isolation valve	

COVERED TASK	Inspect ,Test and Calibrate Pressure Limiting Devices		26
DESCRIPTION	This task consists of the inspection, testing and calibration activities performed on an overpressure safety device to verify that it is functioning properly, in good operating condition, and is adequate for the application. This does not include relief valves.		
ELEMENTS OF TASK		Inspect and test pilot operated devices	
		Inspect and test control valve positioner or sensing devices	
		Inspect and replace rupture discs	
		Document results	
4 PART QUESTION		YES	NO
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NOTES	Does task affect the operation or integrity of the pipeline?		
	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
ABNORMAL OPERATING CONDITIONS	Electrical Technicians, Instrument Technicians, or Mechanical Technicians normally perform this task. Contract valve service companies or contractor maintenance personnel could also carry out this task.		
	<b>Component Failure</b>	Isolation valve malfunction, mechanical malfunctions of device	
	<b>Activation of Safety Device</b>	Improper sizing of rupture disc, improper parameter settings of components	
	<b>Fire / Explosion</b>	Ignition of released hydrocarbon	
ABNORMAL OPERATING CONDITIONS	<b>Unexpected Hazardous Gas and/or, liquid or carbon dioxide Encountered</b>	Leaking isolation valve, leaking valve stem	

COVERED TASK	Inspect, Test and Calibrate Pressure Switches and Transmitters		27
DESCRIPTION	This task consists of the inspection, testing and calibration activities performed on a pressure measurement or control device to verify that it is functioning properly, in good operating condition, and is adequate for the application.		
ELEMENTS OF TASK		Inspect, test and calibrate pressure switches	
		Inspect, test and calibrate pressure transmitters	
		Document results	
4 PART QUESTION		YES	NO
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NOTES	None Applicable		
ABNORMAL OPERATING CONDITIONS	<b>Abnormal Facility Condition</b>	Station lock-out; unit lock-out	
	<b>Activation of a Safety Device</b>	Improper calibration	
	<b>Fire / Explosion</b>	Ignition of released hydrocarbon	
	<b>Unexpected Hazardous Gas and/or, liquid or carbon dioxide Encountered</b>	Failure to close or plug bleeder valve	
	<b>Unexplained Status Change</b>	Unit starts/stops unintentionally	

COVERED TASK	Verify or Set Protection Parameters for Programmable Controllers and/or Other Instrumentation Control Loops		28
DESCRIPTION	This task consists of the inspection, testing and calibration activities performed on a Programmable Logic Controller (PLC), process controller, or other instrumentation control loop to verify that it is functioning properly, in good operation condition, and is adequate for the application.		
ELEMENTS OF TASK		Zero, span and differential adjustments	
		Adjusting pressure set point	
		Adjusting timers or sequence events	
		On-site changes or corrections to ladder logic	
		Implementation of new or revised programming (software)	
		Documentation results	
4 PART QUESTION		YES	NO
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NOTES	Engineers, Programmers, Electrical Technicians, Instrument Technicians, or Electronics Technicians normally perform this task. Contract instrument service companies or contract control equipment personnel could also carry out this task.		
ABNORMAL OPERATING CONDITIONS	<b>Activation of a Safety Device</b>	Activate relief valve	
	<b>Unexplained Status Change</b>	Unintentional station shutdown	

COVERED TASK	Moving In-Service Pipe		29
DESCRIPTION	This task consists of the activities required to move or re-position (raise, lower, lateral) a section of the pipeline while it is in operation.		
ELEMENTS OF TASK		Determine the product type (consideration for HVL)	
		Determine allowable line pressure	
		Pipe lifting	
		Support pipe	
4 PART QUESTION		YES	NO
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NOTES	This task is normally performed or supervised by Pipeline Maintenance Foremen, Pipeliners, Project Engineers, or designated inspectors. Contract pipeline construction companies and contract pipeline maintenance personnel also commonly carry out this task.		
ABNORMAL OPERATING CONDITIONS	<b>Abnormal Facility Condition</b>	Corrosion	
	<b>Component Failure</b>	Valve failure, weld/seam failure, flange, joint	
	<b>Fire / Explosion</b>	Ignition of released hydrocarbons	
	<b>Pipeline System Damage</b>	Wrinkle, buckle, over-stress, gouge, dent, unexpected movement of pipe, damage of coating	
	<b>Unexpected hazardous gas and/or, liquid or carbon dioxide encountered</b>	Failure of pipe, discovery of previous leak	

COVERED TASK	Inspect Existing Pipe Following Movement		30
DESCRIPTION	This task consists of the observation and awareness activities required when moving a section of pipe in a ditch (trench).		
ELEMENTS OF TASK		Ensure that secondary stresses are minimized	
		Ensure that pipe or coating is not damaged	
4 PART QUESTION		YES	NO
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NOTES	This task is normally performed or supervised by Pipeline Maintenance Foremen, Pipeliners, Project Engineers, or designated inspectors. Contract pipeline construction companies and contract maintenance personnel also commonly perform this task.		
ABNORMAL OPERATING CONDITIONS	<b>Component Failure</b>	Valve failure, weld/seam failure, flange, joint	
	<b>Fire / Explosion</b>	Ignition of released hydrocarbons	
	<b>Pipeline System Damage</b>	Wrinkle, buckle, over-stress, gouge, dent	

<b>COVERED TASK</b>	Inspection of Clearance of Existing Pipe to Underground Structures		<b>31</b>
<b>DESCRIPTION</b>	This task consists of the inspection activities required to ensure that adequate clearance is provided between the outside of the pipe and the extremity of any other underground structures.		
<b>ELEMENTS OF TASK</b>	<input type="checkbox"/> Foreign crossing inspections <input type="checkbox"/> Inspection/testing for proper corrosion control <input type="checkbox"/> Conducting interference tests		
<b>4 PART QUESTION</b>		YES	NO
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>NOTES</b>	This task is normally performed or supervised by Pipeline Maintenance Foremen, Corrosion Technicians, Pipeliners, Project Engineers, or designated inspectors. Contract pipeline construction companies and contract pipeline maintenance personnel also carry out this task.		
<b>ABNORMAL OPERATING CONDITIONS</b>	<b>Abnormal Facility Condition</b>	Corrosion	
	<b>Fire / Explosion</b>	Ignition of released hydrocarbons	
	<b>Pipeline System Damage</b>	Corrosion, coating damage	
	<b>Unexpected hazardous gas and/or, liquid or carbon dioxide encountered</b>	Leak from exposed pipeline	

<b>COVERED TASK</b>	Abandoning, Safe Disconnect, Purging and Sealing of Pipeline Facilities		<b>32</b>
<b>DESCRIPTION</b>	This task consists of decommissioning or removing a pipeline facility from service, permanently or temporarily.		
<b>ELEMENTS OF TASK</b>	<input type="checkbox"/> Safe disconnect <input type="checkbox"/> Purging <input type="checkbox"/> Sealing		
<b>4 PART QUESTION</b>		YES	NO
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>NOTES</b>	Not Applicable		
<b>ABNORMAL OPERATING CONDITIONS</b>	<b>Fire / Explosion</b>	Ignition of released hydrocarbons	
	<b>Unexpected hazardous gas, liquid or carbon dioxide encountered</b>	Release during purging	

<b>COVERED TASK</b>	Installation or Repair of Support Structures on Existing Aboveground Components		<b>33</b>	
<b>DESCRIPTION</b>	<p>This task consists of the activities required to fit or mount additional or revised support elements to existing aboveground structures, such as:</p> <ul style="list-style-type: none"> <li>• Overhead crossings of highways, railroads, or a body of water</li> <li>• Spans over ditches and gullies</li> <li>• Scraper traps or block valves</li> <li>• Manifold valves and piping</li> </ul>			
<b>ELEMENTS OF TASK</b>		Proper installation techniques to protect the pipe and coating from damage		
		Inspection of support and pipe to ensure that pipe is protected against stress		
<b>4 PART QUESTION</b>		YES	NO	
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>NOTES</b>	This task is normally performed or supervised by Pipeline Maintenance Foreman, Pipeliners, Project Engineers, or designated inspectors. Contract pipeline construction companies and contract pipeline maintenance personnel also commonly carry out this task. Support for each aboveground structure must provide protection from the forces exerted by the anticipated loads.			
<b>ABNORMAL OPERATING CONDITIONS</b>	<b>Component Failure</b>	Valve failure, weld/seam failure, flange, joint		
	<b>Fire / Explosion</b>	Ignition of released hydrocarbons		
	<b>Pipeline System Damage</b>	Wrinkle, buckle, over-stress, gouge, dent		

<b>COVERED TASK</b>	Inspection Activities for Tie-Ins, Pipe Replacements, or Other Components Connecting to an Existing Pipeline		<b>34</b>	
<b>DESCRIPTION</b>	This task consists of inspection activities required during the various removal and installation activities performed as maintenance on a pipeline system.			
<b>ELEMENTS OF TASK</b>		Ensure proper installation		
		Ensure that pipe, coating, or component is not damaged		
		Ensure that material meets specifications		
		Visual inspection and/or non-destructive testing		
<b>4 PART QUESTION</b>		YES	NO	
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>NOTES</b>	This task is normally performed or supervised by Pipeline Maintenance Foremen, Pipeliners, Project Engineers, or designated inspectors. Contract pipeline construction companies and contract pipeline maintenance personnel may also carry out this task.			
<b>ABNORMAL OPERATING CONDITIONS</b>	<b>Abnormal Facility Condition</b>	Material does not meet specifications		
	<b>Component Failure</b>	Valve failure, weld/seam failure, flange, joint		
	<b>Fire / Explosion</b>	Ignition of released hydrocarbons		
	<b>Pipeline System Damage</b>	Wrinkle, buckle, over-stress, gouge, dent		
	<b>Unexpected hazardous gas, liquid or carbon dioxide encountered</b>	Failure of isolation device		

<b>COVERED TASK</b>	<b>Backfilling a Trench Following Maintenance</b>		<b>35</b>
<b>DESCRIPTION</b>	This task includes conducting backfilling a trench and inspection of backfill material.		
<b>ELEMENTS OF TASK</b>	Typical activities may include but are not limited to:		
		Backhoe operation.	
		Inspection of backfill material for rocks which could dent / gouge the pipeline.	
<b>4 PART QUESTION</b>		YES	NO
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>NOTES</b>	This task is normally performed or supervised by the pipeline personnel and/or contractors.		
<b>ABNORMAL OPERATING CONDITIONS</b>	<b>Abnormal Facility Condition</b>	Pipe defect in area of backfill.	
	<b>Fire / Explosion</b>	Ignition of released hydrocarbons	

<b>COVERED TASK</b>	<b>Perform General Pipeline Repair Activities</b>		<b>36</b>
<b>DESCRIPTION</b>	This task encompasses the general maintenance and repair activities that are involved in the safeguarding and prudent operation of a pipeline system.		
<b>ELEMENTS OF TASK</b>	Typical activities may include but are not limited to:		
		Installing pipe repair sleeves (Weld+Ends, Clocksprings, full encirclements, etc.)	
		Pipe or pipeline component replacement	
		Installing stopple fittings or stopping devices	
		Hot tapping	
		Venting and/or blow-down of inert gases or entrained air	
<b>4 PART QUESTION</b>		YES	NO
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>NOTES</b>	This task is normally performed or supervised by Pipeline Maintenance Foremen, Pipeliners, Project Engineers, or designated inspectors. Contract pipeline construction companies and contract pipeline maintenance personnel also commonly carry out this task.		
<b>ABNORMAL OPERATING CONDITIONS</b>	<b>Abnormal Facility Condition</b>	Corrosion or pipe defect in area to be welded	
	<b>Fire / Explosion</b>	Ignition of released hydrocarbons	

COVERED TASK	Conduct Pressure Tests		37
DESCRIPTION	This task consists of the activities required for the pressure testing of the pipeline and components of the pipeline system, such as: <ul style="list-style-type: none"> <li>• Pressure testing for MOP certification or upgrade</li> <li>• Pressure testing of pipe at tie-ins</li> </ul>		
ELEMENTS OF TASK		Performing pressure test	
		Recording pressure test results	
4 PART QUESTION		YES	NO
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NOTES	This task is normally performed or supervised by Pipeline Maintenance Foremen, Pipeliners, Project Engineers, Mechanical Technicians, Electrical Technicians, Instrument Technicians, or designated inspectors. Contract pipeline construction companies, contract inspection service companies, and contract pipeline maintenance personnel may also carry out this task.		
ABNORMAL OPERATING CONDITIONS	<b>Component Failure</b>	Valve failures, piping failure	
	<b>Fire / Explosion</b>	Ignition of released hydrocarbons	
	<b>Unexpected hazardous gas, liquid or carbon dioxide encountered</b>	Free product in standpipe	
	<b>Unexplained pressure deviations</b>	Pipe failure during test.	

COVERED TASK	Welding on Existing Pipelines		38
DESCRIPTION	This task includes all activities and procedures that are required for maintenance welding jobs; i.e. any welding performed on an existing, in-service pipeline.		
ELEMENTS OF TASK		Repair and/or removal or arc burns	
		Repair and/or removal of defective welds	
		Tie in welds	
		Fittings	
4 PART QUESTION		YES	NO
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NOTES	The task is normally supervision or inspection task performed by Pipeline Maintenance Foremen, Pipeliners, Project Engineers, or designated inspectors. Contract pipeline construction companies, contract inspection service companies, and contract pipeline maintenance personnel may also carry out this task. Whether the pipeline operator's own welders or contract welders perform this task, welding on an existing, in-service pipeline system is a covered task. The qualification of welders is covered under 49 CFR 192.227 (gas) and 49 CFR 195.222 (liquid) in accordance with section 3 of API Standard 1104 or section IX of the ASME Boiler and Pressure Vessel Code.		
ABNORMAL OPERATING CONDITIONS	<b>Abnormal Facility Condition</b>	Corrosion	
	<b>Fire / Explosion</b>	Ignition of released hydrocarbons	
	<b>Pipeline System Damage</b>	Pipe defect in area to be welded, arc burn	
	<b>Unexpected hazardous gas, liquid or carbon dioxide encountered</b>	Failure of isolation device, burn through	

<b>COVERED TASK</b>	Operations of Pipeline System		<b>39</b>
<b>DESCRIPTION</b>	This task includes activities and procedures that are required for safe and prudent operation of the pipeline and any emergency activities performed on the pipeline facilities such as valve closure or isolation of pipeline facilities)		
<b>ELEMENTS OF TASK</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Start-up/Shutdown</li> <li><input type="checkbox"/> Maintain pressure within allowable limits</li> <li><input type="checkbox"/> Manually or remotely open or close valves or other equipment</li> <li><input type="checkbox"/> Monitor and operate control devices</li> <li><input type="checkbox"/> Monitor flow rates</li> <li><input type="checkbox"/> Monitor communications</li> <li><input type="checkbox"/> Monitor leak detection and line integrity</li> </ul>		
<b>4 PART QUESTION</b>		YES	NO
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>NOTES</b>	Pipeline controllers, control centers, or field operations personnel normally perform the tasks in this group of covered tasks. In some instances, contract personnel could perform some types of pipeline operations covered tasks. Control centers, although usually remote from the pipeline, are connected to the components that they monitor and/or operate and are therefore considered part of the pipeline facility.		
<b>ABNORMAL OPERATING CONDITIONS</b>	<b>Abnormal Facility Condition</b>	<b>Activation of a Safety Device</b>	
	<b>Communications, Control System or Power Interruption or Failure</b>	<b>Fire/Explosion</b>	
	<b>Pipeline System Damage</b>	<b>Unexpected Hazardous Gas, liquid or carbon dioxide Encountered</b>	
	<b>Unexplained Flow Rate Deviations</b>	<b>Unexplained Pressure Deviations</b>	
	<b>Unexplained Status Change</b>	<b>Pipeline System Damage</b>	

<b>COVERED TASK</b>	Computational Pipeline Monitoring Leak Detection		<b>40</b>
<b>DESCRIPTION</b>	Perform leak detection using CPM equipment.		
<b>ELEMENTS OF TASK</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Understand functions of CPM equipment</li> <li><input type="checkbox"/> Test, calibrate, repair, replace, and maintain CPM equipment</li> <li><input type="checkbox"/> Verify that the leak detection system meets design specifications.</li> </ul>		
<b>4 PART QUESTION</b>		YES	NO
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>NOTES</b>			
<b>ABNORMAL OPERATING CONDITIONS</b>	<b>Communications, Control System or Power Interruption or Failure</b>	<b>Fire/Explosion</b>	
	<b>Pipeline System Damage</b>	<b>Unexpected Hazardous Gas, liquid or carbon dioxide Encountered</b>	

<b>COVERED TASK</b>	Operate Pressure-Relieving Devices for Launching and Receiving Facilities		<b>41</b>
<b>DESCRIPTION</b>	This task consists of the activities required to relieve pressure and verify the absence of pressure prior to opening the launching/receiving device.		
<b>4 PART QUESTION</b>		YES	NO
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>NOTES</b>	Electrical Technicians, Instrument Technicians, Communications Technicians, or Electronics Technicians normally perform this task. Contract instrumentation service companies or contract control equipment personnel could also carry out this task.		
<b>ABNORMAL OPERATING CONDITIONS</b>	<b>Component Failure</b>	Relief valve failure, launch pin failure, stuck pig	
	<b>Fire / Explosion</b>	Ignition of released hydrocarbons	
	<b>Unexpected Hazardous Gas, liquid or carbon dioxide Encountered</b>	Trap o-ring leak	
	<b>Unexplained Pressure Deviations</b>	Pressure still in launch/receive barrel	

<b>COVERED TASK</b>	Performing Maintenance on Valves		<b>42</b>
<b>DESCRIPTION</b>	This part applies to rebuilding valves.		
<b>4 PART QUESTION</b>		YES	NO
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>NOTES</b>	Valve contractors normally perform this task.		
<b>ABNORMAL OPERATING CONDITIONS</b>	<b>Component Failure</b>	Relief valve failure, launch pin failure, stuck pig	
	<b>Fire / Explosion</b>	Ignition of released hydrocarbons	
	<b>Unexpected Hazardous Gas, liquid or carbon dioxide Encountered</b>	Trap o-ring leak	
	<b>Unexplained Pressure Deviations</b>	Pressure still in launch/receive barrel	

<b>COVERED TASK</b>	Perform Flange Bolting Procedures		43	
<b>DESCRIPTION</b>	Procedures for performing flange bolting.			
<b>ELEMENTS OF TASK</b>		Understand the purpose of and identify hazards associated with flange bolting procedures.		
		Understand how to avoid pinch points		
		Perform flange assembly general procedures (make-up)		
		Perform flange disassembly general procedures (break-out)		
<b>4 PART QUESTION</b>		YES	NO	
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>ABNORMAL OPERATING CONDITIONS</b>	<b>Component Failure</b>	Grease button failure, bevel gear operator		
	<b>Fire / Explosion</b>	Ignition of released hydrocarbon		
	<b>Unexpected Hazardous Gas and/or gas, liquid or carbon dioxide Encountered</b>	Packing leaks, seat may not reseal.		

<b>COVERED TASK</b>	Perform Leakage Survey		45	
<b>DESCRIPTION</b>	This task consist of utilization of a combustible gas indicator / flame ionization unit in accordance with 49 CFR 192. This task may include visual examination of right-of-way in Class 1 location without utilization of leak detection equipment.			
<b>ELEMENTS OF TASK</b>		Conducting leak survey.		
		Visual examination of right-of-way.		
<b>4 PART QUESTION</b>		YES	NO	
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>ABNORMAL OPERATING CONDITIONS</b>	<b>Component Failure</b>	Leaking valves / piping.		
	<b>Fire / Explosion</b>	Leaks in explosive atmosphere.		
	<b>Unexpected hazardous gas and/or, liquid or carbon dioxide encountered</b>	Leaks on the pipeline		

COVERED TASK	Vault Maintenance		46
DESCRIPTION	Perform vault maintenance.		
ELEMENTS OF TASK	☛	Function of vault maintenance.	
	☛	Perform vault maintenance.	
4 PART QUESTION		YES	NO
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ABNORMAL OPERATING CONDITIONS	<b>Component Failure</b>	Vault failure	
	<b>Fire / Explosion</b>	Ignition of released hydrocarbon	
	<b>Unexpected hazardous gas and/or gas, liquid or carbon dioxide encountered</b>	Pipeline system damage	

COVERED TASK	Purge a Pipeline		48
DESCRIPTION	Safely purge hydrocarbons or air from a pipeline.		
ELEMENTS OF TASK	☛	Remove hydrocarbons from a pipeline.	
	☛	Remove air from a pipeline.	
4 PART QUESTION		YES	NO
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NOTES	This task includes purging a pipeline for routine maintenance, emergency conditions, taking a pipeline out of service, putting a pipeline in service.		
ABNORMAL OPERATING CONDITIONS	<b>Component Failure</b>	Valve stuck in open / closed position.	
	<b>Fire / Explosion</b>	Ignition of released hydrocarbons.	
	<b>Unexpected hazardous gas and/or gas, liquid or carbon dioxide encountered</b>	Leaks on the pipeline	

<b>COVERED TASK</b>	Testing an Emergency Shutdown Device		<b>50</b>	
<b>DESCRIPTION</b>	This task includes testing an emergency shutdown device.			
<b>ELEMENTS OF TASK</b>		Isolating ESD.		
		Isolating portions of pipeline.		
		Shutting down a pipeline system.		
		Starting up a pipeline system.		
<b>4 PART QUESTION</b>		YES	NO	
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>NOTES</b>	This task is normally performed by contractor personnel.			
<b>ABNORMAL OPERATING CONDITIONS</b>	<b>Component Failure</b>		Non-functioning ESD.	
	<b>Fire / Explosion</b>		Ignition of released hydrocarbons.	
	<b>Unexpected hazardous gas and/or, liquid or carbon dioxide encountered</b>		Leak in valves and/or associated piping.	

<b>COVERED TASK</b>	Perform Incremental Pressure Increases to Uprate MAOP		<b>51</b>	
<b>DESCRIPTION</b>	Perform Incremental Pressure Increases to Uprate maximum allowable operating pressure.			
<b>ELEMENTS OF TASK</b>		Perform incremental pressure increases.		
		YES	NO	
<b>4 PART QUESTION</b>	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	<b>Fire / Explosion</b>	Ignition of released hydrocarbons.		
	<b>Unexpected hazardous gas and/or gas, liquid or carbon dioxide encountered</b>	Pipeline system failure		

<b>COVERED TASK</b>	Operate Odorant Equipment		52	
<b>DESCRIPTION</b>	Characteristics of odorants and requirements for odorants in natural gas pipelines.			
<b>ELEMENTS OF TASK</b>		Determine odorization injection rates and test for odorant levels.		
		Recognize the different types of odorant injection equipment.		
		Operate and maintain an odorant injection system.		
<b>4 PART QUESTION</b>		YES	NO	
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task required by Part 192?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>NOTES</b>	Personnel must follow company procedures while performing this task.			
<b>ABNORMAL OPERATING CONDITIONS</b>	<b>Component Failure</b>	Equipment failure.		
	<b>Fire / Explosion</b>	Ignition of released hydrocarbons.		
	<b>Unexpected hazardous gas and/or gas, liquid or carbon dioxide encountered</b>	Pipeline system failure.		

<b>COVERED TASK</b>	Gas Detection & Alarm System Maintenance and Performance Testing		54	
<b>DESCRIPTION</b>	Perform alarm system maintenance and performance testing.			
<b>ELEMENTS OF TASK</b>		Identify and describe gas detection devices and their alarm systems		
		Calibrate, test, and maintain gas detection systems.		
<b>4 PART QUESTION</b>		YES	NO	
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>NOTES</b>	This task is normally performed by contractor personnel.			
<b>ABNORMAL OPERATING CONDITIONS</b>	<b>Component Failure</b>	Equipment failure.		
	<b>Fire / Explosion</b>	Ignition of released hydrocarbons.		
	<b>Unexpected hazardous gas and/or gas, liquid or carbon dioxide encountered</b>	Pipeline system failure.		

<b>COVERED TASK</b>	Isolation of a Gas Compressor Unit		55	
<b>DESCRIPTION</b>	Isolate a gas compressor unit.			
<b>ELEMENTS OF TASK</b>	☛	Prepare an isolated compressor unit for startup		
<b>4 PART QUESTION</b>		YES	NO	
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>NOTES</b>	Isolating a gas compressor unit from a pipeline system.			
<b>ABNORMAL OPERATING CONDITIONS</b>	<b>Component Failure</b>		Equipment failure.	
	<b>Fire / Explosion</b>		Ignition of released hydrocarbons.	
	<b>Unexpected hazardous gas and/or gas, liquid or carbon dioxide encountered</b>		Pipeline system failure.	

<b>COVERED TASK</b>	Compressor Station Inspection and Testing of Remote Control Shutdown Devices		56	
<b>DESCRIPTION</b>	Inspection of compressor stations and testing remote control shutdown devices.			
<b>ELEMENTS OF TASK</b>	☛	Identify and describe remote control shutdown devices and associated terms.		
	☛	Test remote control shutdown devices.		
<b>4 PART QUESTION</b>		YES	NO	
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>ABNORMAL OPERATING CONDITIONS</b>	<b>Component Failure</b>		Equipment failure.	
	<b>Fire / Explosion</b>		Ignition of released hydrocarbons.	
	<b>Unexpected hazardous gas and/or gas, liquid or carbon dioxide encountered</b>		Pipeline system failure.	

<b>COVERED TASK</b>	Startup, Shutdown and Operation of a Turbine Driven Gas Compressor Unit		<b>57</b>	
<b>DESCRIPTION</b>	Operation of an engine turbine driven gas compressor unit.			
<b>ELEMENTS OF TASK</b>		Start-up a turbine driven gas compressor unit.		
		Shutdown of a turbine driven gas compressor unit.		
<b>4 PART QUESTION</b>		YES	NO	
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>NOTES</b>	Understand the operation of a turbine driven gas compressor unit.			
<b>ABNORMAL OPERATING CONDITIONS</b>	<b>Component Failure</b>	Equipment failure.		
	<b>Fire / Explosion</b>	Ignition of released hydrocarbons.		
	<b>Unexpected hazardous gas and/or gas, liquid or carbon dioxide encountered</b>	Pipeline system failure.		

<b>COVERED TASK</b>	Startup, Shutdown and Operation of a Engine Driven Gas Compressor Unit		<b>58</b>	
<b>DESCRIPTION</b>	Operation of an engine driven gas compressor unit.			
<b>ELEMENTS OF TASK</b>		Start-up an engine driven gas compressor unit.		
		Shutdown of an engine driven gas compressor unit.		
<b>4 PART QUESTION</b>		YES	NO	
	Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>NOTES</b>	Understand the operation of an engine driven gas compressor unit.			
<b>ABNORMAL OPERATING CONDITIONS</b>	<b>Component Failure</b>	Equipment failure.		
	<b>Fire / Explosion</b>	Ignition of released hydrocarbons.		
	<b>Unexpected hazardous gas and/or gas, liquid or carbon dioxide encountered</b>	Pipeline system failure.		

COVERED TASK	Documentation, Reporting, & OQ Recordkeeping		61	
DESCRIPTION	Identify and maintain required documentation.			
ELEMENTS OF TASK	☛	Identify safety related conditions that require reporting.		
ELEMENTS OF TASK	☛	Identify Operator Qualifications recordkeeping requirements.		
4 PART QUESTION			YES	NO
4 PART QUESTION		Is task performed on a pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4 PART QUESTION		Is the task an Operations or Maintenance Task?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4 PART QUESTION		Is the task required by Part 192/195?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4 PART QUESTION		Does task affect the operation or integrity of the pipeline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NOTES	All required documentation must be maintained.			
ABNORMAL OPERATING CONDITIONS	<b>Component Failure</b>	Equipment failure.		
ABNORMAL OPERATING CONDITIONS	<b>Fire / Explosion</b>	Ignition of released hydrocarbons.		
ABNORMAL OPERATING CONDITIONS	<b>Unexpected hazardous gas and/or gas, liquid or carbon dioxide encountered</b>	Pipeline system failure.		