

# IAMU OQ Required Training Report

## Sac City Municipal Utilities

### Tom Crabb On Call Personnel

Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
<b>1.1 Characteristics and hazards of natural gas</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1					
Module 101					
<b>1.2 Potential ignition sources: indoor and outdoor</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1					
Module 102					
<b>1.3 Recognizing emergency conditions</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1					
Module 103					
<b>1.4 Recognizing and reporting natural gas leaks</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1					
Module 104					
<b>2.5 Accident reporting</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1					
Module 103					
<b>4.5 Soil subsidence</b>	<b>10/30/2002</b>	<b>10/30/2002</b>	<b>3/30/2012</b>	<b>3/30/2015</b>	<b>Current</b>
Requalification Requirement 1					
Module 201		3/30/2012	Taught By IAMU		
Or Hands On 4.5 Soil subsidence					
<b>4.6 Atmospheric corrosion</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2005</b>	<b>Expired</b>
Original Requirement 1					
Module 202					
<b>5.1 Leak classification</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1					
Module 221					
<b>5.2 Procedures for leak surveys and patrols</b>					<b>Not Taken</b>
Original Requirement 1					
Module 271					
<b>5.3 Combustible gas indicators</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1					
Module 231					
Or Hands On 5.3 Combustible gas indicators					
<b>5.4 Electronic gas detectors</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1					
Module 231					
Or Hands On 5.4 Electronic gas detectors					
<b>5.5 Flame ionization</b>					<b>Not Taken</b>
Original Requirement 1					
Module 232					
Or Hands On 5.5 Flame ionization					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
<b>5.6 Bar hole testing and purging</b>					<b>Not Taken</b>
Original Requirement 1					
Module 261					
Or Hands On 5.6 Bar hole testing and purging					
<b>6.1 Carbon monoxide (CO) testing</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1					
Module 241					
<b>6.2 Investigating leaks</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1					
Module 272					
<b>6.3 Combustion and ventilation air requirements</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1					
Module 301					
<b>6.4 Pilot light operation</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1					
Module 311					
Original Requirement 2					
Module 324					
<b>6.5 Gas-air adjustment</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1					
Module 312					
<b>6.6 Appliance venting</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1					
Module 313					
<b>6.7 Pressure checks to establish gas service</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1					
Module 321					
<b>6.8 Establishing and disconnecting gas</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1					
Module 322					
<b>10.4 Atmospheric corrosion</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2005</b>	<b>Expired</b>
Original Requirement 1					
Module 202					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
<b>1.1 Characteristics and hazards of natural gas</b>	<b>1/23/2001</b>	<b>1/19/2006</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Requalification Requirement 1					
Module 101		1/27/2011	Taught By IAMU		
<b>1.2 Potential ignition sources: indoor and outdoor</b>	<b>1/23/2001</b>	<b>1/19/2006</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Requalification Requirement 1					
Module 102		1/27/2011	Taught By IAMU		

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
<b>1.3 Recognizing emergency conditions</b>	<b>1/23/2001</b>	<b>1/19/2006</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Requalification Requirement 1					
Module 103		1/27/2011	Taught By IAMU		
<b>1.4 Recognizing and reporting natural gas leaks</b>	<b>1/23/2001</b>	<b>1/19/2006</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Requalification Requirement 1					
Module 104		1/27/2011	Taught By IAMU		
<b>2.1 Documenting materials and installation records</b>	<b>1/23/2001</b>	<b>1/19/2006</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Requalification Requirement 1					
Module 402		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 2.1 Documenting materials and installation records					
<b>2.2 Documenting maximum allowable operating pressure (MAOP)</b>	<b>1/23/2001</b>	<b>1/29/2010</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Requalification Requirement 1					
Module 421		1/27/2011	Taught By IAMU		
<b>2.3 System up-rating</b>	<b>1/23/2001</b>	<b>1/19/2006</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Requalification Requirement 1					
Module 521		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 2.3 System up-rating					
<b>2.4 Investigating and documenting line failure</b>	<b>1/23/2001</b>	<b>1/29/2010</b>	<b>1/27/2011</b>	<b>1/27/2014</b>	<b>Current</b>
Requalification Requirement 1					
Module 462		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 2.4 Investigating and documenting line failure					
<b>2.5 Accident reporting</b>	<b>1/23/2001</b>	<b>1/19/2006</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Requalification Requirement 1					
Module 103		1/27/2011	Taught By IAMU		
<b>3.1 Locating facilities using the conductive method</b>					<b>Not Taken</b>
Original Requirement 1					
Module 402		1/27/2011	Taught By IAMU		
Original Requirement 2					
Hands On 3.1 Locating facilities using the conductive method					
<b>3.2 Locating facilities using the inductive method</b>					<b>Not Taken</b>
Original Requirement 1					
Module 402		1/27/2011	Taught By IAMU		
Original Requirement 2					
Hands On 3.2 Locating facilities using the inductive method					
<b>3.3 Locating facilities using the inductive method (two persons)</b>					<b>Not Taken</b>
Original Requirement 1					
Module 402		1/27/2011	Taught By IAMU		
Original Requirement 2					
Hands On 3.3 Locating facilities using the inductive method (two persons)					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
<b>3.4 Determining depth through triangulation</b>					<b>Not Taken</b>
Original Requirement 1					
Module 402		1/27/2011	Taught By IAMU		
Original Requirement 2					
Hands On 3.4 Determining depth through triangulation					
<b>3.5 System mapping</b>	<b>1/23/2001</b>	<b>1/19/2006</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Requalification Requirement 1					
Module 402		1/27/2011	Taught By IAMU		
Or Hands On 3.5 System mapping					
<b>4.10 Purging safety</b>	<b>1/23/2001</b>	<b>1/26/2007</b>	<b>1/29/2010</b>	<b>1/29/2013</b>	<b>Current</b>
Requalification Requirement 1					
Module 422		1/29/2010	Taught By IAMU		
Or Hands On 4.10 Purging safety					
<b>4.1 Personal protective equipment</b>	<b>1/23/2001</b>	<b>1/26/2007</b>	<b>1/29/2010</b>	<b>1/29/2013</b>	<b>Current</b>
Requalification Requirement 1					
Module 111		1/29/2010	Taught By IAMU		
Or Hands On 4.1 Personal protective equipment					
<b>4.11 Pressure testing steel and plastic pipeline</b>	<b>1/23/2001</b>	<b>1/29/2010</b>	<b>1/27/2011</b>	<b>1/27/2014</b>	<b>Current</b>
Requalification Requirement 1					
Module 421		1/27/2011	Taught By IAMU		
Or Hands On 4.11 Pressure testing steel and plastic pipeline					
<b>4.12 Abandoning facilities</b>	<b>1/23/2001</b>	<b>1/26/2007</b>	<b>1/29/2010</b>	<b>1/29/2013</b>	<b>Current</b>
Requalification Requirement 1					
Module 471		1/29/2010	Taught By IAMU		
Or Hands On 4.12 Abandoning facilities					
<b>4.13 Excavation safety</b>	<b>1/23/2001</b>	<b>1/26/2007</b>	<b>1/29/2010</b>	<b>1/29/2011</b>	<b>Expired</b>
Original Requirement 1					
Module 404		1/29/2010	Taught By IAMU		
<b>4.2 Power tool safety</b>	<b>1/23/2001</b>	<b>1/26/2007</b>	<b>1/29/2010</b>	<b>1/29/2013</b>	<b>Current</b>
Requalification Requirement 1					
Module 121		1/29/2010	Taught By IAMU		
Or Hands On 4.2 Power tool safety					
<b>4.3 Proper firefighting techniques</b>	<b>1/23/2001</b>	<b>1/26/2007</b>	<b>1/29/2010</b>	<b>1/29/2013</b>	<b>Current</b>
Requalification Requirement 1					
Module 122		1/29/2010	Taught By IAMU		
Or Hands On 4.3 Proper firefighting techniques					
<b>4.4 Controlling the accidental release of gas</b>	<b>1/23/2001</b>	<b>1/26/2007</b>	<b>1/29/2010</b>	<b>1/29/2013</b>	<b>Current</b>
Requalification Requirement 1					
Module 131		1/29/2010	Taught By IAMU		
Or Hands On 4.4 Controlling the accidental release of gas					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
<b>4.5 Soil subsidence</b>	<b>1/23/2001</b>	<b>1/26/2007</b>	<b>1/29/2010</b>	<b>1/29/2013</b>	<b>Current</b>
Requalification Requirement 1					
Module 201		1/29/2010	Taught By IAMU		
<b>Or</b> Hands On 4.5 Soil subsidence					
<b>4.6 Atmospheric corrosion</b>	<b>1/23/2001</b>	<b>1/26/2007</b>	<b>1/29/2010</b>	<b>1/29/2013</b>	<b>Current</b>
Requalification Requirement 1					
Module 202		1/29/2010	Taught By IAMU		
<b>Or</b> Hands On 4.6 Atmospheric corrosion					
<b>4.7 Recognizing unsafe meter sets</b>	<b>1/23/2001</b>	<b>1/29/2010</b>	<b>1/27/2011</b>	<b>1/27/2014</b>	<b>Current</b>
Requalification Requirement 1					
Module 211		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 4.7 Recognizing unsafe meter sets					
<b>4.8 Confined space entry (vaults, etc.)</b>	<b>1/23/2001</b>	<b>1/23/2001</b>	<b>1/14/2004</b>	<b>1/14/2005</b>	<b>Expired</b>
Original Requirement 1					
Module 501					
<b>4.9 Job site protection</b>	<b>1/23/2001</b>	<b>1/26/2007</b>	<b>1/29/2010</b>	<b>1/29/2013</b>	<b>Current</b>
Requalification Requirement 1					
Module 401		1/29/2010	Taught By IAMU		
<b>Or</b> Hands On 4.9 Job site protection					
<b>5.1 Leak classification</b>	<b>1/23/2001</b>	<b>1/19/2006</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Requalification Requirement 1					
Module 221		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 5.1 Leak classification					
<b>5.2 Procedures for leak surveys and patrols</b>	<b>1/23/2001</b>	<b>1/19/2006</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Requalification Requirement 1					
Module 271		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 5.2 Procedures for leak surveys and patrols					
<b>5.3 Combustible gas indicators</b>	<b>1/23/2001</b>	<b>1/19/2006</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Requalification Requirement 1					
Module 231		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 5.3 Combustible gas indicators					
<b>5.4 Electronic gas detectors</b>	<b>1/23/2001</b>	<b>1/19/2006</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Requalification Requirement 1					
Module 231		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 5.4 Electronic gas detectors					
<b>5.5 Flame ionization</b>	<b>1/23/2001</b>	<b>1/19/2006</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Requalification Requirement 1					
Module 232		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 5.5 Flame ionization					
<b>5.6 Bar hole testing and purging</b>	<b>1/23/2001</b>	<b>1/19/2006</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Requalification Requirement 1					
Module 261		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 5.6 Bar hole testing and purging					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
<b>6.1 Carbon monoxide (CO) testing</b>	<b>1/23/2001</b>	<b>1/19/2006</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Requalification Requirement 1					
Module 241		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 6.1 Carbon monoxide (CO) testing					
<b>6.2 Investigating leaks</b>	<b>1/23/2001</b>	<b>1/19/2006</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Requalification Requirement 1					
Module 272		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 6.2 Investigating leaks					
<b>6.3 Combustion and ventilation air requirements</b>	<b>1/23/2001</b>	<b>1/19/2006</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Requalification Requirement 1					
Module 301		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 6.3 Combustion and ventilation air requirements					
<b>6.4 Pilot light operation</b>	<b>1/23/2001</b>	<b>1/19/2006</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Requalification Requirement 1					
Module 311		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 6.4 Pilot light operation					
Requalification Requirement 2					
Module 324		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 6.4 Pilot light operation					
<b>6.5 Gas-air adjustment</b>	<b>1/23/2001</b>	<b>1/19/2006</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Requalification Requirement 1					
Module 312		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 6.5 Gas-air adjustment					
<b>6.6 Appliance venting</b>	<b>1/23/2001</b>	<b>1/19/2006</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Requalification Requirement 1					
Module 313		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 6.6 Appliance venting					
<b>6.7 Pressure checks to establish gas service</b>	<b>1/23/2001</b>	<b>1/19/2006</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Requalification Requirement 1					
Module 321		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 6.7 Pressure checks to establish gas service					
<b>6.8 Establishing and disconnecting gas</b>	<b>1/23/2001</b>	<b>1/19/2006</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Requalification Requirement 1					
Module 322		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 6.8 Establishing and disconnecting gas					
<b>7.10 Reinforcing steel and plastic mains</b>	<b>1/23/2001</b>	<b>1/19/2006</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Requalification Requirement 1					
Module 463		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 7.10 Reinforcing steel and plastic mains					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
<b>7.1 Pressure testing steel and plastic pipeline</b>	<b>1/23/2001</b>	<b>1/29/2010</b>	<b>1/27/2011</b>	<b>1/27/2014</b>	<b>Current</b>
Requalification Requirement 1					
Module 421		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 7.1 Pressure testing steel and plastic pipeline					
<b>7.11 Plastic pipe joining (fusion)</b>					<b>Not Taken</b>
Original Requirement 1					
Hands On 7.11 Plastic pipe joining (fusion)					
<b>7.12 Plastic pipe joining (mechanical couplings)</b>					<b>Not Taken</b>
Original Requirement 1					
Hands On 7.12 Plastic pipe joining (mechanical couplings)					
<b>7.13 Recognition of defective material</b>	<b>1/23/2001</b>	<b>1/29/2010</b>	<b>1/27/2011</b>	<b>1/27/2014</b>	<b>Current</b>
Requalification Requirement 1					
Module 411		1/29/2010	Taught By IAMU		
<b>Or</b> Hands On 7.13 Recognition of defective material					
Requalification Requirement 2					
Module 412		1/29/2010	Taught By IAMU		
<b>Or</b> Hands On 7.13 Recognition of defective material					
Requalification Requirement 3					
Module 421		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 7.13 Recognition of defective material					
<b>7.14 Steel pipe joining by welding</b>	<b>3/8/2002</b>	<b>3/17/2010</b>	<b>3/17/2011</b>	<b>3/17/2012</b>	<b>Past Due</b>
Requalification Requirement 1					
Hands On 7.14 Steel pipe joining by welding		3/17/2011	Taught By Steve Farnsworth ILCC		
<b>7.15 Steel pipe joining by mechanical couplings</b>					<b>Not Taken</b>
Original Requirement 1					
Module 412		1/29/2010	Taught By IAMU		
Original Requirement 2					
Hands On 7.15 Steel pipe joining by mechanical couplings					
<b>7.16 Damage prevention</b>	<b>1/23/2001</b>	<b>1/29/2010</b>	<b>1/27/2011</b>	<b>1/27/2014</b>	<b>Current</b>
Requalification Requirement 1					
Module 462		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 7.16 Damage prevention					
<b>7.17 Application of padding and shielding</b>	<b>1/23/2001</b>	<b>1/26/2007</b>	<b>1/29/2010</b>	<b>1/29/2013</b>	<b>Current</b>
Requalification Requirement 1					
Module 453		1/29/2010	Taught By IAMU		
<b>Or</b> Hands On 7.17 Application of padding and shielding					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
<b>7.18 Replacing emergency valves</b>	<b>1/23/2001</b>	<b>1/19/2006</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Requalification Requirement 1					
Module 441		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 7.18 Replacing emergency valves					
Requalification Requirement 2					
Module 511		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 7.18 Replacing emergency valves					
<b>7.19 Installing meter sets</b>	<b>1/23/2001</b>	<b>1/29/2010</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Requalification Requirement 1					
Module 211		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 7.19 Installing meter sets					
Requalification Requirement 2					
Module 322		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 7.19 Installing meter sets					
Requalification Requirement 3					
Module 452		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 7.19 Installing meter sets					
<b>7.20 Tapping and stopping steel pipe 1" through 4"</b>					<b>Not Taken</b>
Original Requirement 1					
Hands On 7.20 Tapping and stopping steel pipe 1" through 4"					
<b>7.2 Procedures for abandoning facilities</b>	<b>1/23/2001</b>	<b>1/26/2007</b>	<b>1/29/2010</b>	<b>1/29/2013</b>	<b>Current</b>
Requalification Requirement 1					
Module 471		1/29/2010	Taught By IAMU		
<b>Or</b> Hands On 7.2 Procedures for abandoning facilities					
<b>7.22 Tapping and stopping polyethylene pipe</b>					<b>Not Taken</b>
Original Requirement 1					
Hands On 7.22 Tapping and stopping polyethylene pipe					
<b>7.23 Vault abandonment</b>	<b>1/23/2001</b>	<b>1/23/2001</b>	<b>1/14/2004</b>	<b>1/14/2007</b>	<b>Expired</b>
Original Requirement 1					
Module 471		1/29/2010	Taught By IAMU		
Original Requirement 2					
Module 501					
<b>7.3 Cathodic protection (general)</b>	<b>1/23/2001</b>	<b>1/26/2007</b>	<b>1/29/2010</b>	<b>1/29/2013</b>	<b>Current</b>
Requalification Requirement 1					
Module 431		1/29/2010	Taught By IAMU		
<b>Or</b> Hands On 7.3 Cathodic protection (general)					
<b>7.4 Constructing facilities across streets, railroads, and waterways</b>	<b>1/23/2001</b>	<b>1/26/2007</b>	<b>1/29/2010</b>	<b>1/29/2013</b>	<b>Current</b>
Requalification Requirement 1					
Module 453		1/29/2010	Taught By IAMU		
<b>Or</b> Hands On 7.4 Constructing facilities across streets, railroads, and waterways					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
<b>7.5 Operating thermite welder</b>					<b>Not Taken</b>
Module 431		1/29/2010	Taught By IAMU		
Original Requirement 2					
Hands On 7.5 Operating thermite welder					
<b>7.6 Installing tracer wire</b>	<b>1/23/2001</b>	<b>1/29/2010</b>	<b>1/27/2011</b>	<b>1/27/2014</b>	<b>Current</b>
Requalification Requirement 1					
Module 451		1/29/2010	Taught By IAMU		
<b>Or</b> Hands On 7.6 Installing tracer wire					
Requalification Requirement 2					
Module 452		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 7.6 Installing tracer wire					
<b>7.7 Installing valves</b>	<b>1/23/2001</b>	<b>1/26/2007</b>	<b>1/29/2010</b>	<b>1/29/2013</b>	<b>Current</b>
Requalification Requirement 1					
Module 451		1/29/2010	Taught By IAMU		
<b>Or</b> Hands On 7.7 Installing valves					
<b>7.8 Steel and cast iron repair fittings</b>					<b>Not Taken</b>
Original Requirement 1					
Module 461		1/27/2011	Taught By IAMU		
Original Requirement 2					
Hands On 7.8 Steel and cast iron repair fittings					
<b>7.9 Maintaining steel and cast iron mains</b>	<b>1/23/2001</b>	<b>1/29/2010</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Requalification Requirement 1					
Module 462		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 7.9 Maintaining steel and cast iron mains					
<b>8.1 Operating backhoe</b>					<b>Not Taken</b>
Original Requirement 1					
Module 403		2/8/2012	Taught By IAMU		
Original Requirement 2					
Hands On 8.1 Operating backhoe					
<b>8.2 Operating trencher</b>					<b>Not Taken</b>
Original Requirement 1					
Hands On 8.2 Operating trencher					
<b>8.3 Operating boring equipment</b>					<b>Not Taken</b>
Original Requirement 1					
Hands On 8.3 Operating boring equipment					
<b>8.4 Ditch and backfill inspection</b>	<b>1/23/2001</b>	<b>1/26/2007</b>	<b>1/29/2010</b>	<b>1/29/2013</b>	<b>Current</b>
Requalification Requirement 1					
Module 404		1/29/2010	Taught By IAMU		
<b>Or</b> Hands On 8.4 Ditch and backfill inspection					
<b>9.1 Metering</b>					<b>Not Taken</b>
Original Requirement 1					
Hands On 9.1 Metering					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
<b>9.2 Odorization measurement and control</b>	<b>1/23/2001</b>	<b>1/19/2006</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Requalification Requirement 1					
Module 251		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 9.2 Odorization measurement and control					
<b>10.1 Cathodic protection</b>	<b>1/23/2001</b>	<b>1/26/2007</b>	<b>1/29/2010</b>	<b>1/29/2013</b>	<b>Current</b>
Requalification Requirement 1					
Module 431		1/29/2010	Taught By IAMU		
<b>Or</b> Hands On 10.1 Cathodic protection					
<b>10.10 Inspection, monitoring cathodic protection system</b>	<b>1/23/2001</b>	<b>1/26/2007</b>	<b>1/29/2010</b>	<b>1/29/2013</b>	<b>Current</b>
Requalification Requirement 1					
Module 431		1/29/2010	Taught By IAMU		
<b>Or</b> Hands On 10.10 Inspection, monitoring cathodic protection system					
<b>10.2 Internal corrosion</b>	<b>1/23/2001</b>	<b>1/26/2007</b>	<b>1/29/2010</b>	<b>1/29/2013</b>	<b>Current</b>
Requalification Requirement 1					
Module 431		1/29/2010	Taught By IAMU		
<b>Or</b> Hands On 10.2 Internal corrosion					
<b>10.3 External corrosion</b>	<b>1/23/2001</b>	<b>1/26/2007</b>	<b>1/29/2010</b>	<b>1/29/2013</b>	<b>Current</b>
Requalification Requirement 1					
Module 431		1/29/2010	Taught By IAMU		
<b>Or</b> Hands On 10.3 External corrosion					
<b>10.4 Atmospheric corrosion</b>	<b>1/23/2001</b>	<b>1/26/2007</b>	<b>1/29/2010</b>	<b>1/29/2013</b>	<b>Current</b>
Requalification Requirement 1					
Module 202		1/29/2010	Taught By IAMU		
<b>Or</b> Hands On 10.4 Atmospheric corrosion					
<b>10.5 Coatings</b>	<b>1/23/2001</b>	<b>1/26/2007</b>	<b>1/29/2010</b>	<b>1/29/2013</b>	<b>Current</b>
Requalification Requirement 1					
Module 431		1/29/2010	Taught By IAMU		
<b>Or</b> Hands On 10.5 Coatings					
<b>10.6 Holiday detection (coating inspection)</b>					<b>Not Taken</b>
Original Requirement 1					
Module 431		1/29/2010	Taught By IAMU		
Original Requirement 2					
Hands On 10.6 Holiday detection (coating inspection)					
<b>10.7 Painting and jacketing above ground facilities</b>					<b>Not Taken</b>
Original Requirement 1					
Hands On 10.7 Painting and jacketing above ground facilities					
<b>10.8 Installation of cathodic protection (sacrificial anode system)</b>	<b>1/23/2001</b>	<b>1/26/2007</b>	<b>1/29/2010</b>	<b>1/29/2013</b>	<b>Current</b>
Requalification Requirement 1					
Module 431		1/29/2010	Taught By IAMU		
<b>Or</b> Hands On 10.8 Installation of cathodic protection (sacrificial anode system)					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
<b>10.9 Installation of impressed current system</b>	<b>1/23/2001</b>	<b>1/26/2007</b>	<b>1/29/2010</b>	<b>1/29/2013</b>	<b>Current</b>
Requalification Requirement 1					
Module 431		1/29/2010	Taught By IAMU		
<b>Or</b> Hands On 10.9 Installation of impressed current system					
<b>11.1 Operating and maintaining differential odorant system</b>					<b>Not Taken</b>
Original Requirement 1					
Module 251		1/27/2011	Taught By IAMU		
Original Requirement 2					
Hands On 11.1 Operating and maintaining differential odorant system					
<b>11.2 Operating and maintaining injection odorant system</b>					<b>Not Taken</b>
Original Requirement 1					
Module 251		1/27/2011	Taught By IAMU		
Original Requirement 2					
Hands On 11.2 Operating and maintaining injection odorant system					
<b>11.3 Testing odorant level</b>					<b>Not Taken</b>
Original Requirement 1					
Module 251		1/27/2011	Taught By IAMU		
Original Requirement 2					
Hands On 11.3 Testing odorant level					
<b>12.1 Operating valves (including emergency valves), regulators, and</b>	<b>1/23/2001</b>	<b>1/19/2006</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Module 244		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 12.1 Operating valves (including emergency valves), regulators, and relief valves					
Requalification Requirement 2					
Module 511		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 12.1 Operating valves (including emergency valves), regulators, and relief valves					
Requalification Requirement 3					
Module 512		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 12.1 Operating valves (including emergency valves), regulators, and relief valves					
<b>12.2 Inspecting pressure regulating and limiting stations</b>	<b>1/23/2001</b>	<b>1/19/2006</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Requalification Requirement 1					
Module 512		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 12.2 Inspecting pressure regulating and limiting stations					
<b>12.3 Inspecting and maintaining key valves</b>	<b>1/23/2001</b>	<b>1/19/2006</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Requalification Requirement 1					
Module 511		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 12.3 Inspecting and maintaining key valves					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
<b>12.4 System uprating</b>	<b>1/23/2001</b>	<b>1/19/2006</b>	<b>1/27/2011</b>	<b>1/27/2016</b>	<b>Current</b>
Requalification Requirement 1					
Module 521		1/27/2011	Taught By IAMU		
<b>Or</b> Hands On 12.4 System uprating					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
<b>1.1 Characteristics and hazards of natural gas</b>	<b>5/5/2003</b>	<b>5/5/2003</b>	<b>4/6/2012</b>	<b>4/6/2017</b>	<b>Current</b>
Requalification Requirement 1					
Module 101		4/6/2012	Taught By IAMU		
<b>1.2 Potential ignition sources: indoor and outdoor</b>	<b>5/5/2003</b>	<b>5/5/2003</b>	<b>4/6/2012</b>	<b>4/6/2017</b>	<b>Current</b>
Requalification Requirement 1					
Module 102		4/6/2012	Taught By IAMU		
<b>1.3 Recognizing emergency conditions</b>	<b>5/5/2003</b>	<b>5/5/2003</b>	<b>4/6/2012</b>	<b>4/6/2017</b>	<b>Current</b>
Requalification Requirement 1					
Module 103		4/6/2012	Taught By IAMU		
<b>1.4 Recognizing and reporting natural gas leaks</b>	<b>5/5/2003</b>	<b>5/5/2003</b>	<b>4/6/2012</b>	<b>4/6/2017</b>	<b>Current</b>
Requalification Requirement 1					
Module 104		4/6/2012	Taught By IAMU		
<b>2.1 Documenting materials and installation records</b>	<b>7/1/2003</b>	<b>7/1/2003</b>	<b>4/6/2012</b>	<b>4/6/2017</b>	<b>Current</b>
Requalification Requirement 1					
Module 402		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 2.1 Documenting materials and installation records					
<b>2.2 Documenting maximum allowable operating pressure (MAOP)</b>					<b>Not Taken</b>
Original Requirement 1					
Module 421					
<b>2.3 System up-rating</b>					<b>Not Taken</b>
Original Requirement 1					
Module 521					
<b>2.4 Investigating and documenting line failure</b>					<b>Not Taken</b>
Original Requirement 1					
Module 462					
<b>2.5 Accident reporting</b>	<b>5/5/2003</b>	<b>5/5/2003</b>	<b>4/6/2012</b>	<b>4/6/2017</b>	<b>Current</b>
Requalification Requirement 1					
Module 103		4/6/2012	Taught By IAMU		
<b>3.1 Locating facilities using the conductive method</b>	<b>4/6/2012</b>		<b>4/6/2012</b>	<b>4/6/2017</b>	<b>Current</b>
Requalification Requirement 1					
Module 402		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 3.1 Locating facilities using the conductive method		4/6/2012	Taught By IAMU		

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
<b>3.2 Locating facilities using the inductive method</b>	<b>4/6/2012</b>		<b>4/6/2012</b>	<b>4/6/2017</b>	<b>Current</b>
Requalification Requirement 1					
Module 402		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 3.2 Locating facilities using the inductive method		4/6/2012	Taught By IAMU		
<b>3.3 Locating facilities using the inductive method (two persons)</b>	<b>4/6/2012</b>		<b>4/6/2012</b>	<b>4/6/2017</b>	<b>Current</b>
Requalification Requirement 1					
Module 402		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 3.3 Locating facilities using the inductive method (two persons)		4/6/2012	Taught By IAMU		
<b>3.4 Determining depth through triangulation</b>	<b>4/6/2012</b>		<b>4/6/2012</b>	<b>4/6/2017</b>	<b>Current</b>
Requalification Requirement 1					
Module 402		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 3.4 Determining depth through triangulation		4/6/2012	Taught By IAMU		
<b>3.5 System mapping</b>	<b>7/1/2003</b>	<b>7/1/2003</b>	<b>4/6/2012</b>	<b>4/6/2017</b>	<b>Current</b>
Requalification Requirement 1					
Module 402		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 3.5 System mapping					
<b>4.10 Purging safety</b>	<b>4/6/2012</b>		<b>4/6/2012</b>	<b>4/6/2015</b>	<b>Current</b>
Requalification Requirement 1					
Module 422		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 4.10 Purging safety					
<b>4.1 Personal protective equipment</b>					<b>Not Taken</b>
Original Requirement 1					
Module 111					
<b>4.11 Pressure testing steel and plastic pipeline</b>					<b>Not Taken</b>
Original Requirement 1					
Module 421					
<b>4.12 Abandoning facilities</b>					<b>Not Taken</b>
Original Requirement 1					
Module 471					
<b>4.13 Excavation safety</b>	<b>8/8/2003</b>	<b>8/8/2003</b>	<b>3/30/2012</b>	<b>3/30/2013</b>	<b>Current</b>
Requalification Requirement 1					
Module 404		3/30/2012	Taught By IAMU		
<b>Or</b> Hands On 4.13 Excavation safety					
<b>4.2 Power tool safety</b>					<b>Not Taken</b>
Original Requirement 1					
Module 121					
<b>4.3 Proper firefighting techniques</b>	<b>5/6/2003</b>		<b>5/6/2003</b>	<b>5/6/2006</b>	<b>Expired</b>
Original Requirement 1					
Module 122					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
<b>4.4 Controlling the accidental release of gas</b>	<b>5/20/2003</b>	<b>5/20/2003</b>	<b>4/6/2012</b>	<b>4/6/2015</b>	<b>Current</b>
Requalification Requirement 1					
Module 131		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 4.4 Controlling the accidental release of gas					
<b>4.5 Soil subsidence</b>	<b>5/20/2003</b>	<b>3/30/2012</b>	<b>4/6/2012</b>	<b>4/6/2015</b>	<b>Current</b>
Requalification Requirement 1					
Module 201		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 4.5 Soil subsidence					
<b>4.6 Atmospheric corrosion</b>	<b>5/20/2003</b>	<b>5/20/2003</b>	<b>4/6/2012</b>	<b>4/6/2015</b>	<b>Current</b>
Requalification Requirement 1					
Module 202		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 4.6 Atmospheric corrosion					
<b>4.7 Recognizing unsafe meter sets</b>	<b>4/6/2012</b>		<b>4/6/2012</b>	<b>4/6/2015</b>	<b>Current</b>
Requalification Requirement 1					
Module 211		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 4.7 Recognizing unsafe meter sets					
<b>4.8 Confined space entry (vaults, etc.)</b>					<b>Not Taken</b>
Original Requirement 1					
Module 501					
<b>4.9 Job site protection</b>	<b>7/1/2003</b>		<b>7/1/2003</b>	<b>7/1/2006</b>	<b>Expired</b>
Original Requirement 1					
Module 401					
<b>5.1 Leak classification</b>	<b>5/20/2003</b>	<b>5/20/2003</b>	<b>4/6/2012</b>	<b>4/6/2017</b>	<b>Current</b>
Requalification Requirement 1					
Module 221		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 5.1 Leak classification		4/6/2012	Taught By IAMU		
<b>5.2 Procedures for leak surveys and patrols</b>	<b>6/2/2003</b>	<b>6/2/2003</b>	<b>4/6/2012</b>	<b>4/6/2017</b>	<b>Current</b>
Requalification Requirement 1					
Module 271		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 5.2 Procedures for leak surveys and patrols		4/6/2012	Taught By IAMU		
<b>5.3 Combustible gas indicators</b>	<b>7/7/2003</b>	<b>7/7/2003</b>	<b>4/6/2012</b>	<b>4/6/2017</b>	<b>Current</b>
Requalification Requirement 1					
Module 231		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 5.3 Combustible gas indicators		4/6/2012	Taught By IAMU		
<b>5.4 Electronic gas detectors</b>	<b>7/7/2003</b>	<b>7/7/2003</b>	<b>4/6/2012</b>	<b>4/6/2017</b>	<b>Current</b>
Requalification Requirement 1					
Module 231		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 5.4 Electronic gas detectors		4/6/2012	Taught By IAMU		
<b>5.5 Flame ionization</b>	<b>7/2/2003</b>	<b>7/2/2003</b>	<b>4/6/2012</b>	<b>4/6/2017</b>	<b>Current</b>
Requalification Requirement 1					
Module 232		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 5.5 Flame ionization		4/6/2012	Taught By IAMU		

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
<b>5.6 Bar hole testing and purging</b>	<b>6/2/2003</b>	<b>6/2/2003</b>	<b>4/6/2012</b>	<b>4/6/2017</b>	<b>Current</b>
Requalification Requirement 1					
Module 261		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 5.6 Bar hole testing and purging		4/6/2012	Taught By IAMU		
<b>6.1 Carbon monoxide (CO) testing</b>	<b>5/20/2003</b>	<b>5/20/2003</b>	<b>4/6/2012</b>	<b>4/6/2017</b>	<b>Current</b>
Requalification Requirement 1					
Module 241		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 6.1 Carbon monoxide (CO) testing		4/6/2012	Taught By IAMU		
<b>6.2 Investigating leaks</b>	<b>7/2/2003</b>	<b>7/2/2003</b>	<b>4/6/2012</b>	<b>4/6/2017</b>	<b>Current</b>
Requalification Requirement 1					
Module 272		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 6.2 Investigating leaks		4/6/2012	Taught By IAMU		
<b>6.3 Combustion and ventilation air requirements</b>	<b>5/28/2003</b>	<b>5/28/2003</b>	<b>4/6/2012</b>	<b>4/6/2017</b>	<b>Current</b>
Requalification Requirement 1					
Module 301		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 6.3 Combustion and ventilation air requirements					
<b>6.4 Pilot light operation</b>	<b>7/7/2003</b>		<b>7/7/2003</b>	<b>7/7/2008</b>	<b>Expired</b>
Original Requirement 1					
Module 311					
Original Requirement 2					
Module 324					
<b>6.5 Gas-air adjustment</b>	<b>5/28/2003</b>		<b>5/28/2003</b>	<b>5/28/2008</b>	<b>Expired</b>
Original Requirement 1					
Module 312					
<b>6.6 Appliance venting</b>	<b>5/28/2003</b>		<b>5/28/2003</b>	<b>5/28/2008</b>	<b>Expired</b>
Original Requirement 1					
Module 313					
<b>6.7 Pressure checks to establish gas service</b>	<b>6/2/2003</b>	<b>6/2/2003</b>	<b>4/6/2012</b>	<b>4/6/2017</b>	<b>Current</b>
Requalification Requirement 1					
Module 321		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 6.7 Pressure checks to establish gas service		4/6/2012	Taught By IAMU		
<b>6.8 Establishing and disconnecting gas</b>	<b>7/1/2003</b>	<b>7/1/2003</b>	<b>4/6/2012</b>	<b>4/6/2017</b>	<b>Current</b>
Requalification Requirement 1					
Module 322		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 6.8 Establishing and disconnecting gas		4/6/2012	Taught By IAMU		
<b>7.10 Reinforcing steel and plastic mains</b>					<b>Not Taken</b>
Original Requirement 1					
Module 463					
<b>7.1 Pressure testing steel and plastic pipeline</b>					<b>Not Taken</b>
Original Requirement 1					
Module 421					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
<b>7.11 Plastic pipe joining (fusion)</b>					<b>Not Taken</b>
Original Requirement 1					
Hands On 7.11 Plastic pipe joining (fusion)					
<b>7.12 Plastic pipe joining (mechanical couplings)</b>					<b>Not Taken</b>
Original Requirement 1					
Hands On 7.12 Plastic pipe joining (mechanical couplings)					
<b>7.13 Recognition of defective material</b>					<b>Not Taken</b>
Original Requirement 1					
Module 411					
Original Requirement 2					
Module 412					
Original Requirement 3					
Module 421					
<b>7.14 Steel pipe joining by welding</b>	<b>3/15/2012</b>		<b>3/15/2012</b>	<b>3/15/2013</b>	<b>Current</b>
Qualification Requirement 1					
Hands On 7.14 Steel pipe joining by welding		3/15/2012	Taught By Steve Farnsworth ILCC		
<b>7.15 Steel pipe joining by mechanical couplings</b>					<b>Not Taken</b>
Original Requirement 1					
Module 412					
Original Requirement 2					
Hands On 7.15 Steel pipe joining by mechanical couplings					
<b>7.16 Damage prevention</b>					<b>Not Taken</b>
Original Requirement 1					
Module 462					
<b>7.17 Application of padding and shielding</b>					<b>Not Taken</b>
Original Requirement 1					
Module 453					
<b>7.18 Replacing emergency valves</b>					<b>Not Taken</b>
Original Requirement 1					
Module 441					
Original Requirement 2					
Module 511					
<b>Or</b> Hands On 12.3 Inspecting and maintaining key valves					

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## Jason Lowe Operator Welder Sac City

Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
<b>7.19 Installing meter sets</b>	<b>4/6/2012</b>		<b>4/6/2012</b>	<b>4/6/2017</b>	<b>Current</b>
Requalification Requirement 1					
Module 211		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 7.19 Installing meter sets		4/6/2012	Taught By IAMU		
Requalification Requirement 2					
Module 322		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 7.19 Installing meter sets		4/6/2012	Taught By IAMU		
Requalification Requirement 3					
Module 452		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 7.19 Installing meter sets		4/6/2012	Taught By IAMU		
<b>7.2 Procedures for abandoning facilities</b>					<b>Not Taken</b>
Original Requirement 1					
Module 471					
<b>7.20 Tapping and stopping steel pipe 1" through 4"</b>					<b>Not Taken</b>
Original Requirement 1					
Hands On 7.20 Tapping and stopping steel pipe 1" through 4"					
<b>7.22 Tapping and stopping polyethylene pipe</b>					<b>Not Taken</b>
Original Requirement 1					
Hands On 7.22 Tapping and stopping polyethylene pipe					
<b>7.23 Vault abandonment</b>					<b>Not Taken</b>
Original Requirement 1					
Module 471					
Original Requirement 2					
Module 501					
<b>7.3 Cathodic protection (general)</b>	<b>4/6/2012</b>		<b>4/6/2012</b>	<b>4/6/2015</b>	<b>Current</b>
Requalification Requirement 1					
Module 431		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 7.3 Cathodic protection (general)					
<b>7.4 Constructing facilities across streets, railroads, and waterways</b>					<b>Not Taken</b>
Original Requirement 1					
Module 453					
<b>7.5 Operating thermite welder</b>	<b>4/6/2012</b>		<b>4/6/2012</b>	<b>4/6/2015</b>	<b>Current</b>
Requalification Requirement 1					
Module 431		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 7.5 Operating thermite welder		4/6/2012	Taught By IAMU		
<b>7.6 Installing tracer wire</b>	<b>4/6/2012</b>		<b>4/6/2012</b>	<b>4/6/2015</b>	<b>Current</b>
Requalification Requirement 1					
Module 451		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 7.6 Installing tracer wire					
Requalification Requirement 2					
Module 452		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 7.6 Installing tracer wire					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
<b>7.7 Installing valves</b>	<b>4/6/2012</b>		<b>4/6/2012</b>	<b>4/6/2015</b>	<b>Current</b>
Requalification Requirement 1					
Module 451		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 7.7 Installing valves					
<b>7.8 Steel and cast iron repair fittings</b>					<b>Not Taken</b>
Original Requirement 1					
Module 461					
Original Requirement 2					
Hands On 7.8 Steel and cast iron repair fittings					
<b>7.9 Maintaining steel and cast iron mains</b>					<b>Not Taken</b>
Original Requirement 1					
Module 462					
<b>8.1 Operating backhoe</b>					<b>Not Taken</b>
Original Requirement 1					
Module 403					
Original Requirement 2					
Hands On 8.1 Operating backhoe					
<b>8.2 Operating trencher</b>					<b>Not Taken</b>
Original Requirement 1					
Hands On 8.2 Operating trencher					
<b>8.3 Operating boring equipment</b>					<b>Not Taken</b>
Original Requirement 1					
Hands On 8.3 Operating boring equipment					
<b>8.4 Ditch and backfill inspection</b>	<b>8/8/2003</b>	<b>8/8/2003</b>	<b>3/30/2012</b>	<b>3/30/2015</b>	<b>Current</b>
Requalification Requirement 1					
Module 404		3/30/2012	Taught By IAMU		
<b>Or</b> Hands On 8.4 Ditch and backfill inspection					
<b>9.1 Metering</b>					<b>Not Taken</b>
Original Requirement 1					
Hands On 9.1 Metering					
<b>9.2 Odorization measurement and control</b>	<b>4/6/2012</b>		<b>4/6/2012</b>	<b>4/6/2017</b>	<b>Current</b>
Requalification Requirement 1					
Module 251		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 9.2 Odorization measurement and control					
<b>10.1 Cathodic protection</b>	<b>4/6/2012</b>		<b>4/6/2012</b>	<b>4/6/2015</b>	<b>Current</b>
Requalification Requirement 1					
Module 431		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 10.1 Cathodic protection					
<b>10.10 Inspection, monitoring cathodic protection system</b>	<b>4/6/2012</b>		<b>4/6/2012</b>	<b>4/6/2015</b>	<b>Current</b>
Requalification Requirement 1					
Module 431		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 10.10 Inspection, monitoring cathodic protection system					

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## Jason Lowe Operator Welder Sac City

Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
<b>10.2 Internal corrosion</b>	<b>4/6/2012</b>		<b>4/6/2012</b>	<b>4/6/2015</b>	<b>Current</b>
Requalification Requirement 1					
Module 431		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 10.2 Internal corrosion					
<b>10.3 External corrosion</b>	<b>4/6/2012</b>		<b>4/6/2012</b>	<b>4/6/2015</b>	<b>Current</b>
Requalification Requirement 1					
Module 431		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 10.3 External corrosion					
<b>10.4 Atmospheric corrosion</b>	<b>5/20/2003</b>	<b>5/20/2003</b>	<b>4/6/2012</b>	<b>4/6/2015</b>	<b>Current</b>
Requalification Requirement 1					
Module 202		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 10.4 Atmospheric corrosion					
<b>10.5 Coatings</b>	<b>4/6/2012</b>		<b>4/6/2012</b>	<b>4/6/2015</b>	<b>Current</b>
Requalification Requirement 1					
Module 431		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 10.5 Coatings					
<b>10.6 Holiday detection (coating inspection)</b>					<b>Not Taken</b>
Original Requirement 1					
Module 431		4/6/2012	Taught By IAMU		
Original Requirement 2					
Hands On 10.6 Holiday detection (coating inspection)					
<b>10.7 Painting and jacketing above ground facilities</b>					<b>Not Taken</b>
Original Requirement 1					
Hands On 10.7 Painting and jacketing above ground facilities					
<b>10.8 Installation of cathodic protection (sacrificial anode system)</b>	<b>4/6/2012</b>		<b>4/6/2012</b>	<b>4/6/2015</b>	<b>Current</b>
Requalification Requirement 1					
Module 431		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 10.8 Installation of cathodic protection (sacrificial anode system)					
<b>10.9 Installation of impressed current system</b>	<b>4/6/2012</b>		<b>4/6/2012</b>	<b>4/6/2015</b>	<b>Current</b>
Requalification Requirement 1					
Module 431		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 10.9 Installation of impressed current system					
<b>11.1 Operating and maintaining differential odorant system</b>					<b>Not Taken</b>
Original Requirement 1					
Module 251		4/6/2012	Taught By IAMU		
Original Requirement 2					
Hands On 11.1 Operating and maintaining differential odorant system					

# Sac City Municipal Utilities

## Jason Lowe Operator Welder Sac City

Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
<b>11.2 Operating and maintaining injection odorant system</b>					<b>Not Taken</b>
Original Requirement 1 Module 251		4/6/2012	Taught By IAMU		
Original Requirement 2 Hands On 11.2 Operating and maintaining injection odorant system					
<b>11.3 Testing odorant level</b>	<b>4/6/2012</b>		<b>4/6/2012</b>	<b>4/6/2017</b>	<b>Current</b>
Requalification Requirement 1 Module 251		4/6/2012	Taught By IAMU		
<b>Or</b> Hands On 11.3 Testing odorant level		4/6/2012	Taught By IAMU		
<b>12.1 Operating valves (including emergency valves), regulators, and</b>					<b>Not Taken</b>
Original Requirement 1 Module 244					
Original Requirement 2 Module 511					
Original Requirement 3 Module 512					
<b>12.2 Inspecting pressure regulating and limiting stations</b>					<b>Not Taken</b>
Original Requirement 1 Module 512					
<b>Or</b> Hands On 12.2 Inspecting pressure regulating and limiting stations					
<b>12.3 Inspecting and maintaining key valves</b>					<b>Not Taken</b>
Original Requirement 1 Module 511					
<b>Or</b> Hands On 12.3 Inspecting and maintaining key valves					
<b>12.4 System uprating</b>					<b>Not Taken</b>
Original Requirement 1 Module 521					

## Robert Scheffler On Call Personnel

Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
<b>1.1 Characteristics and hazards of natural gas</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1 Module 101					
<b>1.2 Potential ignition sources: indoor and outdoor</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1 Module 102					
<b>1.3 Recognizing emergency conditions</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1 Module 103					
<b>1.4 Recognizing and reporting natural gas leaks</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1 Module 104					

# Sac City Municipal Utilities

## Robert Scheffler On Call Personnel

Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
<b>2.5 Accident reporting</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1 Module 103					
<b>4.5 Soil subsidence</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2005</b>	<b>Expired</b>
Original Requirement 1 Module 201					
<b>4.6 Atmospheric corrosion</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2005</b>	<b>Expired</b>
Original Requirement 1 Module 202					
<b>5.1 Leak classification</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1 Module 221					
<b>5.2 Procedures for leak surveys and patrols</b>					<b>Not Taken</b>
Original Requirement 1 Module 271					
<b>5.3 Combustible gas indicators</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1 Module 231					
Or Hands On 5.3 Combustible gas indicators					
<b>5.4 Electronic gas detectors</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1 Module 231					
Or Hands On 5.4 Electronic gas detectors					
<b>5.5 Flame ionization</b>					<b>Not Taken</b>
Original Requirement 1 Module 232					
Or Hands On 5.5 Flame ionization					
<b>5.6 Bar hole testing and purging</b>					<b>Not Taken</b>
Original Requirement 1 Module 261					
Or Hands On 5.6 Bar hole testing and purging					
<b>6.1 Carbon monoxide (CO) testing</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1 Module 241					
<b>6.2 Investigating leaks</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1 Module 272					
<b>6.3 Combustion and ventilation air requirements</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1 Module 301					

# Sac City Municipal Utilities

## Robert Scheffler On Call Personnel

Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
<b>6.4 Pilot light operation</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1 Module 311					
Original Requirement 2 Module 324					
<b>6.5 Gas-air adjustment</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1 Module 312					
<b>6.6 Appliance venting</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1 Module 313					
<b>6.7 Pressure checks to establish gas service</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1 Module 321					
<b>6.8 Establishing and disconnecting gas</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2007</b>	<b>Expired</b>
Original Requirement 1 Module 322					
<b>10.4 Atmospheric corrosion</b>	<b>10/30/2002</b>		<b>10/30/2002</b>	<b>10/30/2005</b>	<b>Expired</b>
Original Requirement 1 Module 202					