

IAMU OQ Past Due And Expired Training Report

Sac City Municipal Utilities

Tom Crabb On Call Personnel

Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
1.1 Characteristics and hazards of natural gas	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1					
Module 101					
1.2 Potential ignition sources: indoor and outdoor	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1					
Module 102					
1.3 Recognizing emergency conditions	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1					
Module 103					
1.4 Recognizing and reporting natural gas leaks	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1					
Module 104					
2.5 Accident reporting	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1					
Module 103					
4.6 Atmospheric corrosion	10/30/2002		10/30/2002	10/30/2005	Expired
Original Requirement 1					
Module 202					
5.1 Leak classification	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1					
Module 221					
5.2 Procedures for leak surveys and patrols					Not Taken
Original Requirement 1					
Module 271					
5.3 Combustible gas indicators	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1					
Module 231					
Or Hands On 5.3 Combustible gas indicators					
5.4 Electronic gas detectors	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1					
Module 231					
Or Hands On 5.4 Electronic gas detectors					
5.5 Flame ionization					Not Taken
Original Requirement 1					
Module 232					
Or Hands On 5.5 Flame ionization					
5.6 Bar hole testing and purging					Not Taken
Original Requirement 1					
Module 261					
Or Hands On 5.6 Bar hole testing and purging					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
6.1 Carbon monoxide (CO) testing	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1 Module 241					
6.2 Investigating leaks	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1 Module 272					
6.3 Combustion and ventilation air requirements	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1 Module 301					
6.4 Pilot light operation	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1 Module 311					
Original Requirement 2 Module 324					
6.5 Gas-air adjustment	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1 Module 312					
6.6 Appliance venting	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1 Module 313					
6.7 Pressure checks to establish gas service	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1 Module 321					
6.8 Establishing and disconnecting gas	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1 Module 322					
10.4 Atmospheric corrosion	10/30/2002		10/30/2002	10/30/2005	Expired
Original Requirement 1 Module 202					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
3.1 Locating facilities using the conductive method					Not Taken
Original Requirement 1 Module 402		1/27/2011	Taught By IAMU		
Original Requirement 2 Hands On 3.1 Locating facilities using the conductive method					
3.2 Locating facilities using the inductive method					Not Taken
Original Requirement 1 Module 402		1/27/2011	Taught By IAMU		
Original Requirement 2 Hands On 3.2 Locating facilities using the inductive method					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
3.3 Locating facilities using the inductive method (two persons)					Not Taken
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)					
3.4 Determining depth through triangulation					Not Taken
Original Requirement 1 Module 402		1/27/2011	Taught By IAMU		
Original Requirement 2 Hands On 3.4 Determining depth through triangulation					
4.13 Excavation safety	1/23/2001	1/26/2007	1/29/2010	1/29/2011	Expired
Original Requirement 1 Module 404		1/29/2010	Taught By IAMU		
4.8 Confined space entry (vaults, etc.)	1/23/2001	1/23/2001	1/14/2004	1/14/2005	Expired
Original Requirement 1 Module 501					
7.11 Plastic pipe joining (fusion)					Not Taken
Original Requirement 1 Hands On 7.11 Plastic pipe joining (fusion)					
7.12 Plastic pipe joining (mechanical couplings)					Not Taken
Original Requirement 1 Hands On 7.12 Plastic pipe joining (mechanical couplings)					
7.14 Steel pipe joining by welding	3/8/2002	3/17/2010	3/17/2011	3/17/2012	Past Due
Requalification Requirement 1 Hands On 7.14 Steel pipe joining by welding		3/17/2011	Taught By Steve Farnsworth ILCC		
7.15 Steel pipe joining by mechanical couplings					Not Taken
Original Requirement 1 Module 412		1/29/2010	Taught By IAMU		
Original Requirement 2 Hands On 7.15 Steel pipe joining by mechanical couplings					
7.20 Tapping and stopping steel pipe 1" through 4"					Not Taken
Original Requirement 1 Hands On 7.20 Tapping and stopping steel pipe 1" through 4"					
7.22 Tapping and stopping polyethylene pipe					Not Taken
Original Requirement 1 Hands On 7.22 Tapping and stopping polyethylene pipe					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
7.23 Vault abandonment	1/23/2001	1/23/2001	1/14/2004	1/14/2007	Expired
Original Requirement 1 Module 471		1/29/2010	Taught By IAMU		
Original Requirement 2 Module 501					
7.5 Operating thermite welder					Not Taken
Module 431		1/29/2010	Taught By IAMU		
Original Requirement 2 Hands On 7.5 Operating thermite welder					
7.8 Steel and cast iron repair fittings					Not Taken
Original Requirement 1 Module 461		1/27/2011	Taught By IAMU		
Original Requirement 2 Hands On 7.8 Steel and cast iron repair fittings					
8.1 Operating backhoe					Not Taken
Original Requirement 1 Module 403		2/8/2012	Taught By IAMU		
Original Requirement 2 Hands On 8.1 Operating backhoe					
8.2 Operating trencher					Not Taken
Original Requirement 1 Hands On 8.2 Operating trencher					
8.3 Operating boring equipment					Not Taken
Original Requirement 1 Hands On 8.3 Operating boring equipment					
9.1 Metering					Not Taken
Original Requirement 1 Hands On 9.1 Metering					
10.6 Holiday detection (coating inspection)					Not Taken
Original Requirement 1 Module 431		1/29/2010	Taught By IAMU		
Original Requirement 2 Hands On 10.6 Holiday detection (coating inspection)					
10.7 Painting and jacketing above ground facilities					Not Taken
Original Requirement 1 Hands On 10.7 Painting and jacketing above ground facilities					
11.1 Operating and maintaining differential odorant system					Not Taken
Original Requirement 1 Module 251		1/27/2011	Taught By IAMU		
Original Requirement 2 Hands On 11.1 Operating and maintaining differential odorant system					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
11.2 Operating and maintaining injection odorant system					Not Taken
Original Requirement 1					
Module 251		1/27/2011	Taught By IAMU		
Original Requirement 2					
Hands On 11.2 Operating and maintaining injection odorant system					
11.3 Testing odorant level					Not Taken
Original Requirement 1					
Module 251		1/27/2011	Taught By IAMU		
Original Requirement 2					
Hands On 11.3 Testing odorant level					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
2.2 Documenting maximum allowable operating pressure (MAOP)					Not Taken
Original Requirement 1					
Module 421					
2.3 System up-rating					Not Taken
Original Requirement 1					
Module 521					
2.4 Investigating and documenting line failure					Not Taken
Original Requirement 1					
Module 462					
4.1 Personal protective equipment					Not Taken
Original Requirement 1					
Module 111					
4.11 Pressure testing steel and plastic pipeline					Not Taken
Original Requirement 1					
Module 421					
4.12 Abandoning facilities					Not Taken
Original Requirement 1					
Module 471					
4.2 Power tool safety					Not Taken
Original Requirement 1					
Module 121					
4.3 Proper firefighting techniques	5/6/2003		5/6/2003	5/6/2006	Expired
Original Requirement 1					
Module 122					
4.8 Confined space entry (vaults, etc.)					Not Taken
Original Requirement 1					
Module 501					
4.9 Job site protection	7/1/2003		7/1/2003	7/1/2006	Expired
Original Requirement 1					
Module 401					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
6.4 Pilot light operation	7/7/2003		7/7/2003	7/7/2008	Expired
Original Requirement 1 Module 311					
Original Requirement 2 Module 324					
6.5 Gas-air adjustment	5/28/2003		5/28/2003	5/28/2008	Expired
Original Requirement 1 Module 312					
6.6 Appliance venting	5/28/2003		5/28/2003	5/28/2008	Expired
Original Requirement 1 Module 313					
7.1 Pressure testing steel and plastic pipeline					Not Taken
Original Requirement 1 Module 421					
7.10 Reinforcing steel and plastic mains					Not Taken
Original Requirement 1 Module 463					
7.11 Plastic pipe joining (fusion)					Not Taken
Original Requirement 1 Hands On 7.11 Plastic pipe joining (fusion)					
7.12 Plastic pipe joining (mechanical couplings)					Not Taken
Original Requirement 1 Hands On 7.12 Plastic pipe joining (mechanical couplings)					
7.13 Recognition of defective material					Not Taken
Original Requirement 1 Module 411					
Original Requirement 2 Module 412					
Original Requirement 3 Module 421					
7.15 Steel pipe joining by mechanical couplings					Not Taken
Original Requirement 1 Module 412					
Original Requirement 2 Hands On 7.15 Steel pipe joining by mechanical couplings					
7.16 Damage prevention					Not Taken
Original Requirement 1 Module 462					
7.17 Application of padding and shielding					Not Taken
Original Requirement 1 Module 453					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
7.18 Replacing emergency valves					Not Taken
Original Requirement 1					
Module 441					
Original Requirement 2					
Module 511					
Or Hands On 12.3 Inspecting and maintaining key valves					
7.20 Tapping and stopping steel pipe 1" through 4"					Not Taken
Original Requirement 1					
Hands On 7.20 Tapping and stopping steel pipe 1" through 4"					
7.2 Procedures for abandoning facilities					Not Taken
Original Requirement 1					
Module 471					
7.22 Tapping and stopping polyethylene pipe					Not Taken
Original Requirement 1					
Hands On 7.22 Tapping and stopping polyethylene pipe					
7.23 Vault abandonment					Not Taken
Original Requirement 1					
Module 471					
Original Requirement 2					
Module 501					
7.4 Constructing facilities across streets, railroads, and waterways					Not Taken
Original Requirement 1					
Module 453					
7.8 Steel and cast iron repair fittings					Not Taken
Original Requirement 1					
Module 461					
Original Requirement 2					
Hands On 7.8 Steel and cast iron repair fittings					
7.9 Maintaining steel and cast iron mains					Not Taken
Original Requirement 1					
Module 462					
8.1 Operating backhoe					Not Taken
Original Requirement 1					
Module 403					
Original Requirement 2					
Hands On 8.1 Operating backhoe					
8.2 Operating trencher					Not Taken
Original Requirement 1					
Hands On 8.2 Operating trencher					
8.3 Operating boring equipment					Not Taken
Original Requirement 1					
Hands On 8.3 Operating boring equipment					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
9.1 Metering					Not Taken
Original Requirement 1					
Hands On 9.1 Metering					
10.6 Holiday detection (coating inspection)					Not Taken
Original Requirement 1					
Module 431		4/6/2012	Taught By IAMU		
Original Requirement 2					
Hands On 10.6 Holiday detection (coating inspection)					
10.7 Painting and jacketing above ground facilities					Not Taken
Original Requirement 1					
Hands On 10.7 Painting and jacketing above ground facilities					
11.1 Operating and maintaining differential odorant system					Not Taken
Original Requirement 1					
Module 251		4/6/2012	Taught By IAMU		
Original Requirement 2					
Hands On 11.1 Operating and maintaining differential odorant system					
11.2 Operating and maintaining injection odorant system					Not Taken
Original Requirement 1					
Module 251		4/6/2012	Taught By IAMU		
Original Requirement 2					
Hands On 11.2 Operating and maintaining injection odorant system					
12.1 Operating valves (including emergency valves), regulators, and					Not Taken
Original Requirement 1					
Module 244					
Original Requirement 2					
Module 511					
Original Requirement 3					
Module 512					
12.2 Inspecting pressure regulating and limiting stations					Not Taken
Original Requirement 1					
Module 512					
Or Hands On 12.2 Inspecting pressure regulating and limiting stations					
12.3 Inspecting and maintaining key valves					Not Taken
Original Requirement 1					
Module 511					
Or Hands On 12.3 Inspecting and maintaining key valves					
12.4 System uprating					Not Taken
Original Requirement 1					
Module 521					

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1.1 Characteristics and hazards of natural gas	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1					
Module 101					
1.2 Potential ignition sources: indoor and outdoor	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1					
Module 102					
1.3 Recognizing emergency conditions	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1					
Module 103					
1.4 Recognizing and reporting natural gas leaks	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1					
Module 104					
2.5 Accident reporting	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1					
Module 103					
4.5 Soil subsidence	10/30/2002		10/30/2002	10/30/2005	Expired
Original Requirement 1					
Module 201					
4.6 Atmospheric corrosion	10/30/2002		10/30/2002	10/30/2005	Expired
Original Requirement 1					
Module 202					
5.1 Leak classification	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1					
Module 221					
5.2 Procedures for leak surveys and patrols					Not Taken
Original Requirement 1					
Module 271					
5.3 Combustible gas indicators	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1					
Module 231					
Or Hands On 5.3 Combustible gas indicators					
5.4 Electronic gas detectors	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1					
Module 231					
Or Hands On 5.4 Electronic gas detectors					
5.5 Flame ionization					Not Taken
Original Requirement 1					
Module 232					
Or Hands On 5.5 Flame ionization					
5.6 Bar hole testing and purging					Not Taken
Original Requirement 1					
Module 261					
Or Hands On 5.6 Bar hole testing and purging					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
6.1 Carbon monoxide (CO) testing	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1 Module 241					
6.2 Investigating leaks	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1 Module 272					
6.3 Combustion and ventilation air requirements	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1 Module 301					
6.4 Pilot light operation	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1 Module 311					
Original Requirement 2 Module 324					
6.5 Gas-air adjustment	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1 Module 312					
6.6 Appliance venting	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1 Module 313					
6.7 Pressure checks to establish gas service	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1 Module 321					
6.8 Establishing and disconnecting gas	10/30/2002		10/30/2002	10/30/2007	Expired
Original Requirement 1 Module 322					
10.4 Atmospheric corrosion	10/30/2002		10/30/2002	10/30/2005	Expired
Original Requirement 1 Module 202					