

IAMU OQ Required Training Report

Cascade Municipal Utilities

Paul Aschtgen Operator Cascade

Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
1.1 Characteristics and hazards of natural gas	4/18/2002	3/30/2007	2/15/2012	2/15/2017	Current
Requalification Requirement 1					
Module 101		2/15/2012	Taught By IAMU		
1.2 Potential ignition sources: indoor and outdoor	4/18/2002	3/30/2007	2/15/2012	2/15/2017	Current
Requalification Requirement 1					
Module 102		2/15/2012	Taught By IAMU		
1.3 Recognizing emergency conditions	4/18/2002	3/30/2007	2/15/2012	2/15/2017	Current
Requalification Requirement 1					
Module 103		2/15/2012	Taught By IAMU		
1.4 Recognizing and reporting natural gas leaks	4/19/2002	3/30/2007	2/15/2012	2/15/2017	Current
Requalification Requirement 1					
Module 104		2/15/2012	Taught By IAMU		
2.1 Documenting materials and installation records	11/20/2002	5/3/2006	10/16/2007	10/16/2012	Current
Requalification Requirement 1					
Module 402		10/16/2007	Taught By IAMU		
Or Hands On 2.1 Documenting materials and installation records		5/3/2006	Taught By IAMU		
2.2 Documenting maximum allowable operating pressure (MAOP)	12/3/2002	5/27/2009	4/20/2012	4/20/2017	Current
Requalification Requirement 1					
Module 421		4/20/2012	Taught By IAMU		
2.3 System up-rating	2/17/2003	2/17/2003	1/8/2008	1/8/2013	Current
Requalification Requirement 1					
Module 521		1/8/2008	Taught By IAMU		
Or Hands On 2.3 System up-rating					
2.4 Investigating and documenting line failure	2/18/2003	3/27/2009	2/15/2012	2/15/2015	Current
Requalification Requirement 1					
Module 462		2/15/2012	Taught By IAMU		
Or Hands On 2.4 Investigating and documenting line failure					
2.5 Accident reporting	4/18/2002	3/30/2007	2/15/2012	2/15/2017	Current
Requalification Requirement 1					
Module 103		2/15/2012	Taught By IAMU		
3.1 Locating facilities using the conductive method	5/8/2002	11/20/2002	10/16/2007	10/16/2012	Current
Requalification Requirement 1					
Module 402		10/16/2007	Taught By IAMU		
Or Hands On 3.1 Locating facilities using the conductive method					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
3.2 Locating facilities using the inductive method	5/8/2002	11/20/2002	10/16/2007	10/16/2012	Current
Requalification Requirement 1					
Module 402		10/16/2007	Taught By IAMU		
Or Hands On 3.2 Locating facilities using the inductive method					
3.3 Locating facilities using the inductive method (two persons)	5/8/2002	11/20/2002	10/16/2007	10/16/2012	Current
Requalification Requirement 1					
Module 402		10/16/2007	Taught By IAMU		
Or Hands On 3.3 Locating facilities using the inductive method (two persons)					
3.4 Determining depth through triangulation	5/8/2002	11/20/2002	10/16/2007	10/16/2012	Current
Requalification Requirement 1					
Module 402		10/16/2007	Taught By IAMU		
Or Hands On 3.4 Determining depth through triangulation					
3.5 System mapping	11/20/2002	5/3/2006	10/16/2007	10/16/2012	Current
Requalification Requirement 1					
Module 402		10/16/2007	Taught By IAMU		
Or Hands On 3.5 System mapping		5/3/2006	Taught By IAMU		
4.10 Purging safety	1/23/2003	5/27/2009	4/20/2012	4/20/2015	Current
Requalification Requirement 1					
Module 422		4/20/2012	Taught By IAMU		
Or Hands On 4.10 Purging safety		5/3/2006	Taught By IAMU		
4.1 Personal protective equipment	4/9/2002	12/15/2009	11/14/2011	11/14/2014	Current
Requalification Requirement 1					
Module 111		11/14/2011	Taught By IAMU		
Or Hands On 4.1 Personal protective equipment					
4.11 Pressure testing steel and plastic pipeline	12/3/2002	5/27/2009	4/20/2012	4/20/2015	Current
Requalification Requirement 1					
Module 421		4/20/2012	Taught By IAMU		
Or Hands On 4.11 Pressure testing steel and plastic pipeline		5/3/2006	Taught By IAMU		
4.12 Abandoning facilities	2/19/2003	5/15/2009	4/12/2012	4/12/2015	Current
Requalification Requirement 1					
Module 471		4/12/2012	Taught By IAMU		
Or Hands On 4.12 Abandoning facilities		5/3/2006	Taught By IAMU		
4.13 Excavation safety	3/3/2003	3/9/2011	2/8/2012	2/8/2013	Current
Requalification Requirement 1					
Module 404		2/8/2012	Taught By IAMU		
Or Hands On 4.13 Excavation safety					
4.2 Power tool safety	4/12/2002	1/13/2009	12/13/2011	12/13/2014	Current
Requalification Requirement 1					
Module 121		12/13/2011	Taught By IAMU		
Or Hands On 4.2 Power tool safety					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
4.3 Proper firefighting techniques	4/22/2002	9/5/2007	9/21/2010	9/21/2013	Current
Requalification Requirement 1					
Module 122		9/21/2010	Taught By IAMU		
Or Hands On 4.3 Proper firefighting techniques					
4.4 Controlling the accidental release of gas	5/2/2002	2/13/2009	1/16/2012	1/16/2015	Current
Requalification Requirement 1					
Module 131		1/16/2012	Taught By IAMU		
Or Hands On 4.4 Controlling the accidental release of gas					
4.5 Soil subsidence	6/3/2002	3/31/2010	3/9/2011	3/9/2014	Current
Requalification Requirement 1					
Module 201		3/9/2011	Taught By IAMU		
Or Hands On 4.5 Soil subsidence					
4.6 Atmospheric corrosion	6/3/2002	9/14/2006	8/26/2009	8/26/2012	Current
Requalification Requirement 1					
Module 202		8/26/2009	Taught By IAMU		
Or Hands On 4.6 Atmospheric corrosion					
4.7 Recognizing unsafe meter sets	6/3/2002	2/13/2009	1/16/2012	1/16/2015	Current
Requalification Requirement 1					
Module 211		1/16/2012	Taught By IAMU		
Or Hands On 4.7 Recognizing unsafe meter sets					
4.8 Confined space entry (vaults, etc.)	2/14/2003	4/26/2011	4/10/2012	4/10/2013	Current
Requalification Requirement 1					
Module 501		4/10/2012	Taught By IAMU		
Or Hands On 4.8 Confined space entry (vaults, etc.)					
4.9 Job site protection	3/3/2003	2/4/2010	2/15/2011	2/15/2014	Current
Requalification Requirement 1					
Module 401		2/15/2011	Taught By IAMU		
Or Hands On 4.9 Job site protection					
5.1 Leak classification	10/17/2002	10/17/2002	10/15/2007	10/15/2012	Current
Requalification Requirement 1					
Module 221		10/15/2007	Taught By IAMU		
Or Hands On 5.1 Leak classification					
5.2 Procedures for leak surveys and patrols	11/5/2002	11/5/2002	10/15/2007	10/15/2012	Current
Requalification Requirement 1					
Module 271		10/15/2007	Taught By IAMU		
Or Hands On 5.2 Procedures for leak surveys and patrols					
5.3 Combustible gas indicators	10/17/2002	10/17/2002	10/15/2007	10/15/2012	Current
Requalification Requirement 1					
Module 231		10/15/2007	Taught By IAMU		
Or Hands On 5.3 Combustible gas indicators					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
5.4 Electronic gas detectors	11/5/2002	11/5/2002	10/15/2007	10/15/2012	Current
Requalification Requirement 1					
Module 231		10/15/2007	Taught By IAMU		
Or Hands On 5.4 Electronic gas detectors					
5.6 Bar hole testing and purging	11/5/2002	11/5/2002	10/15/2007	10/15/2012	Current
Requalification Requirement 1					
Module 261		10/15/2007	Taught By IAMU		
Or Hands On 5.6 Bar hole testing and purging					
6.1 Carbon monoxide (CO) testing					Not Taken
Original Requirement 1					
Module 241					
6.2 Investigating leaks	11/5/2002	11/5/2002	10/15/2007	10/15/2012	Current
Requalification Requirement 1					
Module 272		10/15/2007	Taught By IAMU		
Or Hands On 6.2 Investigating leaks					
6.3 Combustion and ventilation air requirements					Not Taken
Original Requirement 1					
Module 301					
6.4 Pilot light operation					Not Taken
Original Requirement 1					
Module 311					
Original Requirement 2					
Module 324					
6.5 Gas-air adjustment					Not Taken
Original Requirement 1					
Module 312					
6.7 Pressure checks to establish gas service	11/19/2002	10/15/2007	12/16/2008	12/16/2013	Current
Requalification Requirement 1					
Module 321		12/16/2008	Taught By IAMU		
Or Hands On 6.7 Pressure checks to establish gas service					
6.8 Establishing and disconnecting gas	11/19/2002	2/21/2006	2/1/2011	2/1/2016	Current
Requalification Requirement 1					
Module 322		2/1/2011	Taught By IAMU		
Or Hands On 6.8 Establishing and disconnecting gas					
7.1 Pressure testing steel and plastic pipeline	12/3/2002	5/27/2009	4/20/2012	4/20/2015	Current
Requalification Requirement 1					
Module 421		4/20/2012	Taught By IAMU		
Or Hands On 7.1 Pressure testing steel and plastic pipeline		5/3/2006	Taught By IAMU		
7.10 Reinforcing steel and plastic mains	2/19/2003	2/19/2003	1/8/2008	1/8/2013	Current
Requalification Requirement 1					
Module 463		1/8/2008	Taught By IAMU		
Or Hands On 7.10 Reinforcing steel and plastic mains					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
7.11 Plastic pipe joining (fusion)	5/7/2002	3/4/2011	2/15/2012	2/15/2013	Current
Requalification Requirement 1					
Hands On 7.11 Plastic pipe joining (fusion)		2/15/2012	Taught By IAMU		
7.12 Plastic pipe joining (mechanical couplings)	5/7/2002	5/27/2009	4/20/2012	4/20/2015	Current
Requalification Requirement 1					
Hands On 7.12 Plastic pipe joining (mechanical couplings)		4/20/2012	Taught By IAMU		
7.13 Recognition of defective material	12/3/2002	5/27/2009	4/20/2012	4/20/2015	Current
Requalification Requirement 1					
Module 411		4/20/2012	Taught By IAMU		
Or Hands On 7.13 Recognition of defective material		5/3/2006	Taught By IAMU		
Requalification Requirement 2					
Module 412		4/20/2012	Taught By IAMU		
Or Hands On 7.13 Recognition of defective material		5/3/2006	Taught By IAMU		
Requalification Requirement 3					
Module 421		4/20/2012	Taught By IAMU		
Or Hands On 7.13 Recognition of defective material		5/3/2006	Taught By IAMU		
7.16 Damage prevention	2/18/2003	3/27/2009	2/15/2012	2/15/2015	Current
Requalification Requirement 1					
Module 462		2/15/2012	Taught By IAMU		
Or Hands On 7.16 Damage prevention					
7.17 Application of padding and shielding	2/12/2003	3/27/2009	2/15/2012	2/15/2015	Current
Requalification Requirement 1					
Module 453		2/15/2012	Taught By IAMU		
Or Hands On 7.17 Application of padding and shielding					
7.18 Replacing emergency valves	2/4/2003	9/14/2006	8/23/2011	8/23/2016	Current
Requalification Requirement 1					
Module 441		8/23/2011	Taught By IAMU		
Or Hands On 7.18 Replacing emergency valves		5/3/2006	Taught By IAMU		
Requalification Requirement 2					
Module 511		8/23/2011	Taught By IAMU		
Or Hands On 7.18 Replacing emergency valves		5/3/2006	Taught By IAMU		
7.19 Installing meter sets	2/21/2006	2/1/2011	1/16/2012	1/16/2017	Current
Requalification Requirement 1					
Module 211		1/16/2012	Taught By IAMU		
Or Hands On 7.19 Installing meter sets					
Requalification Requirement 2					
Module 322		2/1/2011	Taught By IAMU		
Or Hands On 7.19 Installing meter sets					
Requalification Requirement 3					
Module 452		5/15/2009	Taught By IAMU		
Or Hands On 7.19 Installing meter sets					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
7.20 Tapping and stopping steel pipe 1" through 4"	9/25/2001	3/13/2009	2/10/2012	2/10/2015	Current
Requalification Requirement 1					
Hands On 7.20 Tapping and stopping steel pipe 1" through 4"		2/10/2012	Taught By IAMU		
7.2 Procedures for abandoning facilities	2/19/2003	5/15/2009	4/12/2012	4/12/2015	Current
Requalification Requirement 1					
Module 471		4/12/2012	Taught By IAMU		
Or Hands On 7.2 Procedures for abandoning facilities		5/3/2006	Taught By IAMU		
7.22 Tapping and stopping polyethylene pipe	5/7/2002	5/2/2006	8/23/2011	8/23/2016	Current
Requalification Requirement 1					
Hands On 7.22 Tapping and stopping polyethylene pipe		8/23/2011	Taught By IAMU		
7.3 Cathodic protection (general)	1/24/2003	9/14/2006	8/26/2009	8/26/2012	Current
Requalification Requirement 1					
Module 431		8/26/2009	Taught By IAMU		
Or Hands On 7.3 Cathodic protection (general)					
7.4 Constructing facilities across streets, railroads, and waterways	2/12/2003	3/27/2009	2/15/2012	2/15/2015	Current
Requalification Requirement 1					
Module 453		2/15/2012	Taught By IAMU		
Or Hands On 7.4 Constructing facilities across streets, railroads, and waterways					
7.5 Operating thermite welder	9/28/2001	9/14/2006	8/26/2009	8/26/2012	Current
Requalification Requirement 1					
Module 431		8/26/2009	Taught By IAMU		
Or Hands On 7.5 Operating thermite welder		5/3/2006	Taught By IAMU		
7.6 Installing tracer wire	2/7/2003	5/15/2009	4/10/2012	4/10/2015	Current
Requalification Requirement 1					
Module 451		4/10/2012	Taught By IAMU		
Or Hands On 7.6 Installing tracer wire		5/3/2006	Taught By IAMU		
Requalification Requirement 2					
Module 452		5/15/2009	Taught By IAMU		
Or Hands On 7.6 Installing tracer wire		5/3/2006	Taught By IAMU		
7.7 Installing valves	2/12/2003	5/15/2009	4/10/2012	4/10/2015	Current
Requalification Requirement 1					
Module 451		4/10/2012	Taught By IAMU		
Or Hands On 7.7 Installing valves		5/3/2006	Taught By IAMU		
7.8 Steel and cast iron repair fittings	9/25/2001	2/18/2003	1/8/2008	1/8/2013	Current
Requalification Requirement 1					
Module 461		1/8/2008	Taught By IAMU		
Or Hands On 7.8 Steel and cast iron repair fittings					
7.9 Maintaining steel and cast iron mains	2/18/2003	3/27/2009	2/15/2012	2/15/2017	Current
Requalification Requirement 1					
Module 462		2/15/2012	Taught By IAMU		
Or Hands On 7.9 Maintaining steel and cast iron mains					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
8.1 Operating backhoe	9/25/2001	5/29/2009	3/22/2011	3/22/2014	Current
Requalification Requirement 1					
Module 403		3/22/2011	Taught By IAMU		
Or Hands On 8.1 Operating backhoe		5/29/2009	Taught By IAMU		
8.2 Operating trencher	9/27/2001	5/3/2006	5/27/2009	5/27/2012	Current
Hands On 8.2 Operating trencher		5/27/2009	Taught By IAMU		
8.4 Ditch and backfill inspection	3/3/2003	3/9/2011	2/8/2012	2/8/2015	Current
Requalification Requirement 1					
Module 404		2/8/2012	Taught By IAMU		
Or Hands On 8.4 Ditch and backfill inspection					
9.1 Metering	4/25/2001	4/25/2001	9/14/2006	9/14/2011	Expired
Original Requirement 1					
Hands On 9.1 Metering		9/14/2006	Taught By IAMU		
9.2 Odorization measurement and control	10/25/2002	9/14/2006	8/23/2011	8/23/2016	Current
Requalification Requirement 1					
Module 251		8/23/2011	Taught By IAMU		
Or Hands On 9.2 Odorization measurement and control					
10.1 Cathodic protection	1/24/2003	9/14/2006	8/26/2009	8/26/2012	Current
Requalification Requirement 1					
Module 431		8/26/2009	Taught By IAMU		
Or Hands On 10.1 Cathodic protection					
10.10 Inspection, monitoring cathodic protection system	1/24/2003	9/14/2006	8/26/2009	8/26/2012	Current
Requalification Requirement 1					
Module 431		8/26/2009	Taught By IAMU		
Or Hands On 10.10 Inspection, monitoring cathodic protection system					
10.2 Internal corrosion	1/24/2003	9/14/2006	8/26/2009	8/26/2012	Current
Requalification Requirement 1					
Module 431		8/26/2009	Taught By IAMU		
Or Hands On 10.2 Internal corrosion					
10.3 External corrosion	1/24/2003	9/14/2006	8/26/2009	8/26/2012	Current
Requalification Requirement 1					
Module 431		8/26/2009	Taught By IAMU		
Or Hands On 10.3 External corrosion					
10.4 Atmospheric corrosion	6/3/2002	9/14/2006	8/26/2009	8/26/2012	Current
Requalification Requirement 1					
Module 202		8/26/2009	Taught By IAMU		
Or Hands On 10.4 Atmospheric corrosion					
10.5 Coatings	1/24/2003	9/14/2006	8/26/2009	8/26/2012	Current
Requalification Requirement 1					
Module 431		8/26/2009	Taught By IAMU		
Or Hands On 10.5 Coatings					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
10.6 Holiday detection (coating inspection)	9/27/2001	9/14/2006	8/26/2009	8/26/2012	Current
Requalification Requirement 1					
Module 431		8/26/2009	Taught By IAMU		
Or Hands On 10.6 Holiday detection (coating inspection)		9/14/2006	Taught By IAMU		
10.7 Painting and jacketing above ground facilities	2/28/2006	2/27/2009	2/10/2012	2/10/2015	Current
Requalification Requirement 1					
Hands On 10.7 Painting and jacketing above ground facilities		2/10/2012	Taught By IAMU		
10.8 Installation of cathodic protection (sacrificial anode system)	1/24/2003	9/14/2006	8/26/2009	8/26/2012	Current
Requalification Requirement 1					
Module 431		8/26/2009	Taught By IAMU		
Or Hands On 10.8 Installation of cathodic protection (sacrificial anode system)					
11.1 Operating and maintaining differential odorant system	9/16/2002	9/14/2006	8/23/2011	8/23/2016	Current
Requalification Requirement 1					
Module 251		8/23/2011	Taught By IAMU		
Or Hands On 11.1 Operating and maintaining differential odorant system					
11.3 Testing odorant level	7/10/2002	9/14/2006	8/23/2011	8/23/2016	Current
Requalification Requirement 1					
Module 251		8/23/2011	Taught By IAMU		
Or Hands On 11.3 Testing odorant level		9/14/2006	Taught By IAMU		
12.1 Operating valves (including emergency valves), regulators, and	2/20/2003	9/14/2006	8/23/2011	8/23/2016	Current
Module 244		8/23/2011	Taught By IAMU		
Or Hands On 12.1 Operating valves (including emergency valves), regulators, and relief valves					
Requalification Requirement 2					
Module 511		8/23/2011	Taught By IAMU		
Or Hands On 12.1 Operating valves (including emergency valves), regulators, and relief valves					
Requalification Requirement 3					
Module 512		8/23/2011	Taught By IAMU		
Or Hands On 12.1 Operating valves (including emergency valves), regulators, and relief valves					
12.2 Inspecting pressure regulating and limiting stations	2/20/2003	9/14/2006	8/23/2011	8/23/2016	Current
Requalification Requirement 1					
Module 512		8/23/2011	Taught By IAMU		
Or Hands On 12.2 Inspecting pressure regulating and limiting stations					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
12.3 Inspecting and maintaining key valves	2/17/2003	9/14/2006	8/23/2011	8/23/2016	Current
Requalification Requirement 1					
Module 511		8/23/2011	Taught By IAMU		
Or Hands On 12.3 Inspecting and maintaining key valves					
12.4 System uprating	2/17/2003	2/17/2003	1/8/2008	1/8/2013	Current
Requalification Requirement 1					
Module 521		1/8/2008	Taught By IAMU		
Or Hands On 12.4 System uprating					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
1.1 Characteristics and hazards of natural gas	1/20/2006	1/20/2006	12/7/2010	12/7/2015	Current
Requalification Requirement 1					
Module 101		12/7/2010	Taught By IAMU		
1.2 Potential ignition sources: indoor and outdoor	1/20/2006	1/20/2006	12/7/2010	12/7/2015	Current
Requalification Requirement 1					
Module 102		12/7/2010	Taught By IAMU		
1.3 Recognizing emergency conditions	1/23/2006	1/23/2006	12/16/2010	12/16/2015	Current
Requalification Requirement 1					
Module 103		12/16/2010	Taught By IAMU		
1.4 Recognizing and reporting natural gas leaks	1/23/2006	1/23/2006	12/16/2010	12/16/2015	Current
Requalification Requirement 1					
Module 104		12/16/2010	Taught By IAMU		
2.1 Documenting materials and installation records	10/16/2007		10/16/2007	10/16/2012	Current
Requalification Requirement 1					
Module 402		10/16/2007	Taught By IAMU		
Or Hands On 2.1 Documenting materials and installation records					
2.2 Documenting maximum allowable operating pressure (MAOP)	2/8/2006	2/6/2009	1/16/2012	1/16/2017	Current
Requalification Requirement 1					
Module 421		1/16/2012	Taught By IAMU		
2.3 System up-rating	1/7/2008		1/7/2008	1/7/2013	Current
Requalification Requirement 1					
Module 521		1/7/2008	Taught By IAMU		
Or Hands On 2.3 System up-rating					
2.4 Investigating and documenting line failure	3/13/2006	3/27/2009	2/16/2012	2/16/2015	Current
Requalification Requirement 1					
Module 462		2/16/2012	Taught By IAMU		
Or Hands On 2.4 Investigating and documenting line failure					
2.5 Accident reporting	1/23/2006	1/23/2006	12/16/2010	12/16/2015	Current
Requalification Requirement 1					
Module 103		12/16/2010	Taught By IAMU		

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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		10/16/2007	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		10/16/2007	Taught By IAMU		
Original Requirement 2 Hands On 3.2 Locating facilities using the inductive method					
3.3 Locating facilities using the inductive method (two persons)					Not Taken
Original Requirement 1 Module 402		10/16/2007	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		10/16/2007	Taught By IAMU		
Original Requirement 2 Hands On 3.4 Determining depth through triangulation					
3.5 System mapping	10/16/2007		10/16/2007	10/16/2012	Current
Requalification Requirement 1 Module 402 Or Hands On 3.5 System mapping		10/16/2007	Taught By IAMU		
4.1 Personal protective equipment	2/13/2006	2/6/2009	11/14/2011	11/14/2014	Current
Requalification Requirement 1 Module 111 Or Hands On 4.1 Personal protective equipment		11/14/2011	Taught By IAMU		
4.10 Purging safety					Not Taken
Original Requirement 1 Module 422					
4.11 Pressure testing steel and plastic pipeline	2/8/2006	2/6/2009	1/16/2012	1/16/2015	Current
Requalification Requirement 1 Module 421 Or Hands On 4.11 Pressure testing steel and plastic pipeline		1/16/2012	Taught By IAMU		
4.12 Abandoning facilities	3/7/2006	3/27/2009	2/16/2012	2/16/2015	Current
Requalification Requirement 1 Module 471 Or Hands On 4.12 Abandoning facilities		2/16/2012	Taught By IAMU		

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
4.13 Excavation safety	3/23/2007	3/9/2011	2/8/2012	2/8/2013	Current
Requalification Requirement 1					
Module 404		2/8/2012	Taught By IAMU		
Or Hands On 4.13 Excavation safety					
4.2 Power tool safety	1/17/2006	1/13/2009	12/13/2011	12/13/2014	Current
Requalification Requirement 1					
Module 121		12/13/2011	Taught By IAMU		
Or Hands On 4.2 Power tool safety					
4.3 Proper firefighting techniques	1/17/2006	9/5/2007	9/21/2010	9/21/2013	Current
Requalification Requirement 1					
Module 122		9/21/2010	Taught By IAMU		
Or Hands On 4.3 Proper firefighting techniques					
4.4 Controlling the accidental release of gas	1/19/2006	12/16/2008	12/13/2011	12/13/2014	Current
Requalification Requirement 1					
Module 131		12/13/2011	Taught By IAMU		
Or Hands On 4.4 Controlling the accidental release of gas					
4.5 Soil subsidence	2/24/2006	3/8/2011	3/9/2011	3/9/2014	Current
Requalification Requirement 1					
Module 201		3/9/2011	Taught By IAMU		
Or Hands On 4.5 Soil subsidence					
4.6 Atmospheric corrosion	2/16/2006	2/13/2009	1/12/2012	1/12/2015	Current
Requalification Requirement 1					
Module 202		1/12/2012	Taught By IAMU		
Or Hands On 4.6 Atmospheric corrosion					
4.7 Recognizing unsafe meter sets	2/16/2006	2/13/2009	1/12/2012	1/12/2015	Current
Requalification Requirement 1					
Module 211		1/12/2012	Taught By IAMU		
Or Hands On 4.7 Recognizing unsafe meter sets					
4.8 Confined space entry (vaults, etc.)	3/6/2006	5/16/2011	4/10/2012	4/10/2013	Current
Requalification Requirement 1					
Module 501		4/10/2012	Taught By IAMU		
Or Hands On 4.8 Confined space entry (vaults, etc.)					
4.9 Job site protection	2/22/2006	2/4/2009	1/12/2012	1/12/2015	Current
Requalification Requirement 1					
Module 401		1/12/2012	Taught By IAMU		
Or Hands On 4.9 Job site protection					
5.1 Leak classification	2/24/2006	2/24/2006	1/25/2011	1/25/2016	Current
Requalification Requirement 1					
Module 221		1/25/2011	Taught By IAMU		
Or Hands On 5.1 Leak classification					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
5.2 Procedures for leak surveys and patrols	10/15/2007		10/15/2007	10/15/2012	Current
Requalification Requirement 1					
Module 271		10/15/2007	Taught By IAMU		
Or Hands On 5.2 Procedures for leak surveys and patrols					
5.3 Combustible gas indicators	2/28/2006	2/28/2006	1/26/2011	1/26/2016	Current
Requalification Requirement 1					
Module 231		1/26/2011	Taught By IAMU		
Or Hands On 5.3 Combustible gas indicators					
5.4 Electronic gas detectors	2/28/2006	2/28/2006	1/26/2011	1/26/2016	Current
Requalification Requirement 1					
Module 231		1/26/2011	Taught By IAMU		
Or Hands On 5.4 Electronic gas detectors					
5.6 Bar hole testing and purging	10/15/2007		10/15/2007	10/15/2012	Current
Requalification Requirement 1					
Module 261		10/15/2007	Taught By IAMU		
Or Hands On 5.6 Bar hole testing and purging					
6.1 Carbon monoxide (CO) testing					Not Taken
Original Requirement 1					
Module 241					
6.2 Investigating leaks	10/16/2007		10/16/2007	10/16/2012	Current
Requalification Requirement 1					
Module 272		10/16/2007	Taught By IAMU		
Or Hands On 6.2 Investigating leaks					
6.3 Combustion and ventilation air requirements					Not Taken
Original Requirement 1					
Module 301					
6.4 Pilot light operation					Not Taken
Original Requirement 1					
Module 311					
Original Requirement 2					
Module 324		2/14/2006	Taught By IAMU		
6.5 Gas-air adjustment					Not Taken
Original Requirement 1					
Module 312					
6.7 Pressure checks to establish gas service	10/16/2007	10/16/2007	12/16/2008	12/16/2013	Current
Requalification Requirement 1					
Module 321		12/16/2008	Taught By IAMU		
Or Hands On 6.7 Pressure checks to establish gas service					
6.8 Establishing and disconnecting gas	2/21/2006	2/21/2006	1/27/2011	1/27/2016	Current
Requalification Requirement 1					
Module 322		1/27/2011	Taught By IAMU		
Or Hands On 6.8 Establishing and disconnecting gas					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
7.1 Pressure testing steel and plastic pipeline	2/8/2006	2/6/2009	1/16/2012	1/16/2015	Current
Requalification Requirement 1					
Module 421		1/16/2012	Taught By IAMU		
Or Hands On 7.1 Pressure testing steel and plastic pipeline					
7.10 Reinforcing steel and plastic mains					Not Taken
Original Requirement 1					
Module 463					
7.11 Plastic pipe joining (fusion)	3/2/2006	3/4/2011	2/15/2012	2/15/2013	Current
Requalification Requirement 1					
Hands On 7.11 Plastic pipe joining (fusion)		2/15/2012	Taught By IAMU		
7.12 Plastic pipe joining (mechanical couplings)	2/28/2006	2/27/2009	2/15/2012	2/15/2015	Current
Requalification Requirement 1					
Hands On 7.12 Plastic pipe joining (mechanical couplings)		2/15/2012	Taught By IAMU		
7.13 Recognition of defective material	2/8/2006	2/6/2009	1/16/2012	1/16/2015	Current
Requalification Requirement 1					
Module 411		1/16/2012	Taught By IAMU		
Or Hands On 7.13 Recognition of defective material					
Requalification Requirement 2					
Module 412		1/16/2012	Taught By IAMU		
Or Hands On 7.13 Recognition of defective material					
Requalification Requirement 3					
Module 421		1/16/2012	Taught By IAMU		
Or Hands On 7.13 Recognition of defective material					
7.16 Damage prevention	3/13/2006	3/27/2009	2/16/2012	2/16/2015	Current
Requalification Requirement 1					
Module 462		2/16/2012	Taught By IAMU		
Or Hands On 7.16 Damage prevention					
7.17 Application of padding and shielding	3/13/2006	3/27/2009	2/15/2012	2/15/2015	Current
Requalification Requirement 1					
Module 453		2/15/2012	Taught By IAMU		
Or Hands On 7.17 Application of padding and shielding					
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					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
7.19 Installing meter sets	2/21/2006	1/12/2012	1/16/2012	1/16/2017	Current
Requalification Requirement 1					
Module 211		1/12/2012	Taught By IAMU		
Or Hands On 7.19 Installing meter sets					
Requalification Requirement 2					
Module 322		1/27/2011	Taught By IAMU		
Or Hands On 7.19 Installing meter sets					
Requalification Requirement 3					
Module 452		1/16/2012	Taught By IAMU		
Or Hands On 7.19 Installing meter sets					
7.2 Procedures for abandoning facilities	3/7/2006	3/27/2009	2/16/2012	2/16/2015	Current
Requalification Requirement 1					
Module 471		2/16/2012	Taught By IAMU		
Or Hands On 7.2 Procedures for abandoning facilities					
7.20 Tapping and stopping steel pipe 1" through 4"	3/13/2006	3/27/2009	2/15/2012	2/15/2015	Current
Requalification Requirement 1					
Hands On 7.20 Tapping and stopping steel pipe 1" through 4"		2/15/2012	Taught By IAMU		
7.22 Tapping and stopping polyethylene pipe					Not Taken
Original Requirement 1					
Hands On 7.22 Tapping and stopping polyethylene pipe					
7.3 Cathodic protection (general)	3/16/2006	3/27/2009	2/16/2012	2/16/2015	Current
Requalification Requirement 1					
Module 431		2/16/2012	Taught By IAMU		
Or Hands On 7.3 Cathodic protection (general)					
7.4 Constructing facilities across streets, railroads, and waterways	3/13/2006	3/27/2009	2/15/2012	2/15/2015	Current
Requalification Requirement 1					
Module 453		2/15/2012	Taught By IAMU		
Or Hands On 7.4 Constructing facilities across streets, railroads, and waterways					
7.5 Operating thermite welder					Not Taken
Module 431		2/16/2012	Taught By IAMU		
Original Requirement 2					
Hands On 7.5 Operating thermite welder					
7.6 Installing tracer wire	2/21/2006	2/17/2009	1/16/2012	1/16/2015	Current
Requalification Requirement 1					
Module 451		1/16/2012	Taught By IAMU		
Or Hands On 7.6 Installing tracer wire					
Requalification Requirement 2					
Module 452		1/16/2012	Taught By IAMU		
Or Hands On 7.6 Installing tracer wire					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
7.7 Installing valves	2/21/2006	2/17/2009	1/16/2012	1/16/2015	Current
Requalification Requirement 1					
Module 451		1/16/2012	Taught By IAMU		
Or Hands On 7.7 Installing valves					
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	3/13/2006	3/27/2009	2/16/2012	2/16/2017	Current
Requalification Requirement 1					
Module 462		2/16/2012	Taught By IAMU		
Or Hands On 7.9 Maintaining steel and cast iron mains					
8.1 Operating backhoe	8/11/2006	3/25/2009	2/8/2012	2/8/2015	Current
Requalification Requirement 1					
Module 403		2/8/2012	Taught By IAMU		
Or Hands On 8.1 Operating backhoe		8/11/2006	Taught By IAMU		
8.2 Operating trencher					Not Taken
Original Requirement 1					
Hands On 8.2 Operating trencher					
8.4 Ditch and backfill inspection	3/23/2007	3/9/2011	2/8/2012	2/8/2015	Current
Requalification Requirement 1					
Module 404		2/8/2012	Taught By IAMU		
Or Hands On 8.4 Ditch and backfill inspection					
9.1 Metering					Not Taken
Original Requirement 1					
Hands On 9.1 Metering					
9.2 Odorization measurement and control	10/15/2007		10/15/2007	10/15/2012	Current
Requalification Requirement 1					
Module 251		10/15/2007	Taught By IAMU		
Or Hands On 9.2 Odorization measurement and control					
10.1 Cathodic protection	3/16/2006	3/27/2009	2/16/2012	2/16/2015	Current
Requalification Requirement 1					
Module 431		2/16/2012	Taught By IAMU		
Or Hands On 10.1 Cathodic protection					
10.10 Inspection, monitoring cathodic protection system	3/16/2006	3/27/2009	2/16/2012	2/16/2015	Current
Requalification Requirement 1					
Module 431		2/16/2012	Taught By IAMU		
Or Hands On 10.10 Inspection, monitoring cathodic protection system					
10.2 Internal corrosion	3/16/2006	3/27/2009	2/16/2012	2/16/2015	Current
Requalification Requirement 1					
Module 431		2/16/2012	Taught By IAMU		
Or Hands On 10.2 Internal corrosion					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
10.3 External corrosion	3/16/2006	3/27/2009	2/16/2012	2/16/2015	Current
Requalification Requirement 1					
Module 431		2/16/2012	Taught By IAMU		
Or Hands On 10.3 External corrosion					
10.4 Atmospheric corrosion	2/16/2006	2/13/2009	1/12/2012	1/12/2015	Current
Requalification Requirement 1					
Module 202		1/12/2012	Taught By IAMU		
Or Hands On 10.4 Atmospheric corrosion					
10.5 Coatings	3/16/2006	3/27/2009	2/16/2012	2/16/2015	Current
Requalification Requirement 1					
Module 431		2/16/2012	Taught By IAMU		
Or Hands On 10.5 Coatings					
10.6 Holiday detection (coating inspection)					Not Taken
Original Requirement 1					
Module 431		2/16/2012	Taught By IAMU		
Original Requirement 2					
Hands On 10.6 Holiday detection (coating inspection)					
10.7 Painting and jacketing above ground facilities	2/28/2006	3/13/2009	2/15/2012	2/15/2015	Current
Requalification Requirement 1					
Hands On 10.7 Painting and jacketing above ground facilities		2/15/2012	Taught By IAMU		
10.8 Installation of cathodic protection (sacrificial anode system)	3/16/2006	3/27/2009	2/16/2012	2/16/2015	Current
Requalification Requirement 1					
Module 431		2/16/2012	Taught By IAMU		
Or Hands On 10.8 Installation of cathodic protection (sacrificial anode system)					
11.1 Operating and maintaining differential odorant system					Not Taken
Original Requirement 1					
Module 251		10/15/2007	Taught By IAMU		
Original Requirement 2					
Hands On 11.1 Operating and maintaining differential odorant system					
11.3 Testing odorant level					Not Taken
Original Requirement 1					
Module 251		10/15/2007	Taught By IAMU		
Original Requirement 2					
Hands On 11.3 Testing odorant level					
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					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
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	1/7/2008		1/7/2008	1/7/2013	Current
Requalification Requirement 1					
Module 521		1/7/2008	Taught By IAMU		
Or Hands On 12.4 System uprating					

Loie Green Dispatch

Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
1.1 Characteristics and hazards of natural gas	2/24/2006	2/24/2006	2/3/2011	2/3/2016	Current
Requalification Requirement 1					
Module 101		2/3/2011	Taught By IAMU		
1.2 Potential ignition sources: indoor and outdoor	2/24/2006	2/24/2006	2/3/2011	2/3/2016	Current
Requalification Requirement 1					
Module 102		2/3/2011	Taught By IAMU		
1.3 Recognizing emergency conditions	3/7/2006	3/7/2006	2/3/2011	2/3/2016	Current
Requalification Requirement 1					
Module 103		2/3/2011	Taught By IAMU		
1.4 Recognizing and reporting natural gas leaks	3/7/2006	3/7/2006	2/3/2011	2/3/2016	Current
Requalification Requirement 1					
Module 104		2/3/2011	Taught By IAMU		
2.5 Accident reporting	3/7/2006	3/7/2006	2/3/2011	2/3/2016	Current
Requalification Requirement 1					
Module 103		2/3/2011	Taught By IAMU		

Sherrie Ries Dispatch

Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
1.1 Characteristics and hazards of natural gas	2/24/2006	2/24/2006	2/3/2011	2/3/2016	Current
Requalification Requirement 1					
Module 101		2/3/2011	Taught By IAMU		
1.2 Potential ignition sources: indoor and outdoor	2/24/2006	2/24/2006	2/3/2011	2/3/2016	Current
Requalification Requirement 1					
Module 102		2/3/2011	Taught By IAMU		
1.3 Recognizing emergency conditions	3/7/2006	3/7/2006	2/3/2011	2/3/2016	Current
Requalification Requirement 1					
Module 103		2/3/2011	Taught By IAMU		

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Sherrie Ries Dispatch

Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
1.4 Recognizing and reporting natural gas leaks	3/7/2006	3/7/2006	2/3/2011	2/3/2016	Current
Requalification Requirement 1					
Module 104		2/3/2011	Taught By IAMU		
2.5 Accident reporting	3/7/2006	3/7/2006	2/3/2011	2/3/2016	Current
Requalification Requirement 1					
Module 103		2/3/2011	Taught By IAMU		

Pete Seitz Operator Cascade

Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
1.1 Characteristics and hazards of natural gas	4/18/2002	8/30/2005	9/21/2010	9/21/2015	Current
Requalification Requirement 1					
Module 101		9/21/2010	Taught By IAMU		
1.2 Potential ignition sources: indoor and outdoor	4/18/2002	8/30/2005	9/21/2010	9/21/2015	Current
Requalification Requirement 1					
Module 102		9/21/2010	Taught By IAMU		
1.3 Recognizing emergency conditions	4/18/2002	9/13/2005	9/21/2010	9/21/2015	Current
Requalification Requirement 1					
Module 103		9/21/2010	Taught By IAMU		
1.4 Recognizing and reporting natural gas leaks	4/19/2002	8/30/2005	9/21/2010	9/21/2015	Current
Requalification Requirement 1					
Module 104		9/21/2010	Taught By IAMU		
2.1 Documenting materials and installation records	11/20/2002	10/16/2007	9/10/2008	9/10/2013	Current
Requalification Requirement 1					
Module 402		9/10/2008	Taught By IAMU		
Or Hands On 2.1 Documenting materials and installation records		9/10/2008	Taught By IAMU		
2.2 Documenting maximum allowable operating pressure (MAOP)	12/3/2002	9/10/2008	8/23/2011	8/23/2016	Current
Requalification Requirement 1					
Module 421		8/23/2011	Taught By IAMU		
2.3 System up-rating	2/17/2003	2/17/2003	1/8/2008	1/8/2013	Current
Requalification Requirement 1					
Module 521		1/8/2008	Taught By IAMU		
Or Hands On 2.3 System up-rating					
2.4 Investigating and documenting line failure	2/18/2003	9/10/2008	5/7/2010	5/7/2013	Current
Requalification Requirement 1					
Module 462		5/7/2010	Taught By IAMU		
Or Hands On 2.4 Investigating and documenting line failure		9/10/2008	Taught By IAMU		
2.5 Accident reporting	4/18/2002	8/30/2005	9/21/2010	9/21/2015	Current
Requalification Requirement 1					
Module 103		9/21/2010	Taught By IAMU		

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
3.1 Locating facilities using the conductive method	11/20/2002	10/16/2007	9/10/2008	9/10/2013	Current
Requalification Requirement 1					
Module 402		9/10/2008	Taught By IAMU		
Or Hands On 3.1 Locating facilities using the conductive method		9/10/2008	Taught By IAMU		
3.2 Locating facilities using the inductive method	11/20/2002	10/16/2007	9/10/2008	9/10/2013	Current
Requalification Requirement 1					
Module 402		9/10/2008	Taught By IAMU		
Or Hands On 3.2 Locating facilities using the inductive method					
3.3 Locating facilities using the inductive method (two persons)	11/20/2002	10/16/2007	9/10/2008	9/10/2013	Current
Requalification Requirement 1					
Module 402		9/10/2008	Taught By IAMU		
Or Hands On 3.3 Locating facilities using the inductive method (two persons)					
3.4 Determining depth through triangulation	11/20/2002	10/16/2007	9/10/2008	9/10/2013	Current
Requalification Requirement 1					
Module 402		9/10/2008	Taught By IAMU		
Or Hands On 3.4 Determining depth through triangulation		9/10/2008	Taught By IAMU		
3.5 System mapping	11/20/2002	10/16/2007	9/10/2008	9/10/2013	Current
Requalification Requirement 1					
Module 402		9/10/2008	Taught By IAMU		
Or Hands On 3.5 System mapping		9/10/2008	Taught By IAMU		
4.1 Personal protective equipment	4/9/2002	7/18/2011	11/14/2011	11/14/2014	Current
Requalification Requirement 1					
Module 111		11/14/2011	Taught By IAMU		
Or Hands On 4.1 Personal protective equipment					
4.10 Purging safety	1/23/2003	9/10/2008	8/23/2011	8/23/2014	Current
Requalification Requirement 1					
Module 422		8/23/2011	Taught By IAMU		
Or Hands On 4.10 Purging safety		9/10/2008	Taught By IAMU		
4.11 Pressure testing steel and plastic pipeline	12/3/2002	9/10/2008	8/23/2011	8/23/2014	Current
Requalification Requirement 1					
Module 421		8/23/2011	Taught By IAMU		
Or Hands On 4.11 Pressure testing steel and plastic pipeline		9/10/2008	Taught By IAMU		
4.12 Abandoning facilities	2/19/2003	9/10/2008	8/23/2011	8/23/2014	Current
Requalification Requirement 1					
Module 471		8/23/2011	Taught By IAMU		
Or Hands On 4.12 Abandoning facilities		9/10/2008	Taught By IAMU		
4.13 Excavation safety	3/3/2003	3/9/2011	2/10/2012	2/10/2013	Current
Requalification Requirement 1					
Module 404		2/10/2012	Taught By IAMU		
Or Hands On 4.13 Excavation safety					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
4.2 Power tool safety	4/12/2002	5/18/2007	4/7/2010	4/7/2013	Current
Requalification Requirement 1					
Module 121		4/7/2010	Taught By IAMU		
Or Hands On 4.2 Power tool safety					
4.3 Proper firefighting techniques	4/22/2002	9/5/2007	9/21/2010	9/21/2013	Current
Requalification Requirement 1					
Module 122		9/21/2010	Taught By IAMU		
Or Hands On 4.3 Proper firefighting techniques					
4.4 Controlling the accidental release of gas	5/2/2002	5/18/2007	4/7/2010	4/7/2013	Current
Requalification Requirement 1					
Module 131		4/7/2010	Taught By IAMU		
Or Hands On 4.4 Controlling the accidental release of gas					
4.5 Soil subsidence	6/3/2002	3/25/2010	3/9/2011	3/9/2014	Current
Requalification Requirement 1					
Module 201		3/9/2011	Taught By IAMU		
Or Hands On 4.5 Soil subsidence					
4.6 Atmospheric corrosion	6/3/2002	5/21/2007	5/7/2010	5/7/2013	Current
Requalification Requirement 1					
Module 202		5/7/2010	Taught By IAMU		
Or Hands On 4.6 Atmospheric corrosion					
4.7 Recognizing unsafe meter sets	6/3/2002	5/27/2009	5/4/2011	5/4/2014	Current
Requalification Requirement 1					
Module 211		5/4/2011	Taught By IAMU		
Or Hands On 4.7 Recognizing unsafe meter sets					
4.8 Confined space entry (vaults, etc.)	2/14/2003	4/26/2011	4/25/2012	4/25/2013	Current
Requalification Requirement 1					
Module 501		4/25/2012	Taught By IAMU		
Or Hands On 4.8 Confined space entry (vaults, etc.)					
4.9 Job site protection	3/3/2003	2/4/2010	2/15/2011	2/15/2014	Current
Requalification Requirement 1					
Module 401		2/15/2011	Taught By IAMU		
Or Hands On 4.9 Job site protection					
5.1 Leak classification	10/17/2002	10/17/2002	12/10/2007	12/10/2012	Current
Requalification Requirement 1					
Module 221		12/10/2007	Taught By IAMU		
Or Hands On 5.1 Leak classification					
5.2 Procedures for leak surveys and patrols	11/5/2002	11/5/2002	10/15/2007	10/15/2012	Current
Requalification Requirement 1					
Module 271		10/15/2007	Taught By IAMU		
Or Hands On 5.2 Procedures for leak surveys and patrols					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
5.3 Combustible gas indicators	10/17/2002	10/15/2007	5/4/2011	5/4/2016	Current
Requalification Requirement 1					
Module 231		5/4/2011	Taught By IAMU		
Or Hands On 5.3 Combustible gas indicators					
5.4 Electronic gas detectors	11/5/2002	10/15/2007	5/4/2011	5/4/2016	Current
Requalification Requirement 1					
Module 231		5/4/2011	Taught By IAMU		
Or Hands On 5.4 Electronic gas detectors		5/4/2011	Taught By IAMU		
5.6 Bar hole testing and purging	11/5/2002	10/15/2007	9/10/2008	9/10/2013	Current
Requalification Requirement 1					
Module 261		9/10/2008	Taught By IAMU		
Or Hands On 5.6 Bar hole testing and purging		9/10/2008	Taught By IAMU		
6.1 Carbon monoxide (CO) testing	9/10/2008	9/10/2008	5/4/2011	5/4/2016	Current
Requalification Requirement 1					
Module 241		5/4/2011	Taught By IAMU		
Or Hands On 6.1 Carbon monoxide (CO) testing		5/4/2011	Taught By IAMU		
6.2 Investigating leaks	11/5/2002	9/10/2008	5/4/2011	5/4/2016	Current
Requalification Requirement 1					
Module 272		5/4/2011	Taught By IAMU		
Or Hands On 6.2 Investigating leaks		5/4/2011	Taught By IAMU		
6.3 Combustion and ventilation air requirements					Not Taken
Original Requirement 1					
Module 301					
6.4 Pilot light operation					Not Taken
Original Requirement 1					
Module 311					
Original Requirement 2					
Module 324					
6.5 Gas-air adjustment					Not Taken
Original Requirement 1					
Module 312					
6.7 Pressure checks to establish gas service	11/19/2002	11/19/2002	10/15/2007	10/15/2012	Current
Requalification Requirement 1					
Module 321		10/15/2007	Taught By IAMU		
Or Hands On 6.7 Pressure checks to establish gas service					
6.8 Establishing and disconnecting gas	11/19/2002	5/12/2006	5/4/2011	5/4/2016	Current
Requalification Requirement 1					
Module 322		5/4/2011	Taught By IAMU		
Or Hands On 6.8 Establishing and disconnecting gas					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
7.1 Pressure testing steel and plastic pipeline	12/3/2002	9/10/2008	8/23/2011	8/23/2014	Current
Requalification Requirement 1					
Module 421		8/23/2011	Taught By IAMU		
Or Hands On 7.1 Pressure testing steel and plastic pipeline		9/16/2005	Taught By IAMU		
7.10 Reinforcing steel and plastic mains	2/19/2003	2/19/2003	1/8/2008	1/8/2013	Current
Requalification Requirement 1					
Module 463		1/8/2008	Taught By IAMU		
Or Hands On 7.10 Reinforcing steel and plastic mains					
7.11 Plastic pipe joining (fusion)	2/24/2003	5/3/2011	4/20/2012	4/20/2013	Current
Requalification Requirement 1					
Hands On 7.11 Plastic pipe joining (fusion)		4/20/2012	Taught By IAMU		
7.12 Plastic pipe joining (mechanical couplings)	4/4/2003	5/6/2006	5/27/2009	5/27/2012	Current
Requalification Requirement 1					
Hands On 7.12 Plastic pipe joining (mechanical couplings)		5/27/2009	Taught By IAMU		
7.13 Recognition of defective material	12/3/2002	5/4/2011	8/23/2011	8/23/2014	Current
Requalification Requirement 1					
Module 411		5/21/2007	Taught By IAMU		
Or Hands On 7.13 Recognition of defective material		5/4/2011	Taught By IAMU		
Requalification Requirement 2					
Module 412		5/21/2007	Taught By IAMU		
Or Hands On 7.13 Recognition of defective material		5/4/2011	Taught By IAMU		
Requalification Requirement 3					
Module 421		8/23/2011	Taught By IAMU		
Or Hands On 7.13 Recognition of defective material		5/4/2011	Taught By IAMU		
7.16 Damage prevention	2/18/2003	5/22/2007	5/7/2010	5/7/2013	Current
Requalification Requirement 1					
Module 462		5/7/2010	Taught By IAMU		
Or Hands On 7.16 Damage prevention					
7.17 Application of padding and shielding	2/12/2003	5/22/2007	5/7/2010	5/7/2013	Current
Requalification Requirement 1					
Module 453		5/7/2010	Taught By IAMU		
Or Hands On 7.17 Application of padding and shielding					
7.18 Replacing emergency valves	2/4/2003	4/22/2008	9/10/2008	9/10/2013	Current
Requalification Requirement 1					
Module 441		4/22/2008	Taught By IAMU		
Or Hands On 7.18 Replacing emergency valves		9/10/2008	Taught By IAMU		
Requalification Requirement 2					
Module 511		4/22/2008	Taught By IAMU		
Or Hands On 7.18 Replacing emergency valves		9/10/2008	Taught By IAMU		

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
7.19 Installing meter sets	5/12/2006	5/4/2011	8/23/2011	8/23/2016	Current
Requalification Requirement 1					
Module 211		5/4/2011	Taught By IAMU		
Or Hands On 7.19 Installing meter sets		5/4/2011	Taught By IAMU		
Requalification Requirement 2					
Module 322		5/4/2011	Taught By IAMU		
Or Hands On 7.19 Installing meter sets		5/4/2011	Taught By IAMU		
Requalification Requirement 3					
Module 452		8/23/2011	Taught By IAMU		
Or Hands On 7.19 Installing meter sets		5/4/2011	Taught By IAMU		
7.20 Tapping and stopping steel pipe 1" through 4"	9/14/2005	3/13/2009	2/10/2012	2/10/2015	Current
Requalification Requirement 1					
Hands On 7.20 Tapping and stopping steel pipe 1" through 4"		2/10/2012	Taught By IAMU		
7.2 Procedures for abandoning facilities	2/19/2003	9/10/2008	8/23/2011	8/23/2014	Current
Requalification Requirement 1					
Module 471		8/23/2011	Taught By IAMU		
Or Hands On 7.2 Procedures for abandoning facilities		9/10/2008	Taught By IAMU		
7.22 Tapping and stopping polyethylene pipe	4/4/2003	9/16/2005	9/10/2008	9/10/2013	Current
Requalification Requirement 1					
Hands On 7.22 Tapping and stopping polyethylene pipe		9/10/2008	Taught By IAMU		
7.3 Cathodic protection (general)	1/24/2003	9/4/2008	8/23/2011	8/23/2014	Current
Requalification Requirement 1					
Module 431		8/23/2011	Taught By IAMU		
Or Hands On 7.3 Cathodic protection (general)		9/14/2005	Taught By IAMU		
7.4 Constructing facilities across streets, railroads, and waterways	2/12/2003	5/22/2007	5/7/2010	5/7/2013	Current
Requalification Requirement 1					
Module 453		5/7/2010	Taught By IAMU		
Or Hands On 7.4 Constructing facilities across streets, railroads, and waterways					
7.5 Operating thermite welder	1/24/2003	9/10/2008	8/23/2011	8/23/2014	Current
Requalification Requirement 1					
Module 431		8/23/2011	Taught By IAMU		
Or Hands On 7.5 Operating thermite welder		9/10/2008	Taught By IAMU		
7.6 Installing tracer wire	2/7/2003	9/10/2008	8/23/2011	8/23/2014	Current
Requalification Requirement 1					
Module 451		8/23/2011	Taught By IAMU		
Or Hands On 7.6 Installing tracer wire		9/10/2008	Taught By IAMU		
Requalification Requirement 2					
Module 452		8/23/2011	Taught By IAMU		
Or Hands On 7.6 Installing tracer wire		9/10/2008	Taught By IAMU		

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
7.7 Installing valves	2/12/2003	9/10/2008	8/23/2011	8/23/2014	Current
Requalification Requirement 1					
Module 451		8/23/2011	Taught By IAMU		
Or Hands On 7.7 Installing valves		9/10/2008	Taught By IAMU		
7.8 Steel and cast iron repair fittings	2/18/2003	3/10/2005	4/6/2010	4/6/2015	Current
Requalification Requirement 1					
Module 461		3/10/2010	Taught By IAMU		
Or Hands On 7.8 Steel and cast iron repair fittings		4/6/2010	Taught By IAMU		
7.9 Maintaining steel and cast iron mains	2/18/2003	5/22/2007	5/7/2010	5/7/2015	Current
Requalification Requirement 1					
Module 462		5/7/2010	Taught By IAMU		
Or Hands On 7.9 Maintaining steel and cast iron mains					
8.1 Operating backhoe	2/28/2003	3/25/2009	3/22/2011	3/22/2014	Current
Requalification Requirement 1					
Module 403		3/22/2011	Taught By IAMU		
Or Hands On 8.1 Operating backhoe		9/10/2008	Taught By IAMU		
8.2 Operating trencher	3/10/2005	9/4/2008	7/26/2011	7/26/2014	Current
Hands On 8.2 Operating trencher		7/26/2011	Taught By IAMU		
8.4 Ditch and backfill inspection	3/3/2003	3/9/2011	2/10/2012	2/10/2015	Current
Requalification Requirement 1					
Module 404		2/10/2012	Taught By IAMU		
Or Hands On 8.4 Ditch and backfill inspection		9/16/2005	Taught By IAMU		
9.1 Metering	12/11/2002	9/10/2008	5/4/2011	5/4/2016	Current
Requalification Requirement 1					
Hands On 9.1 Metering		5/4/2011	Taught By IAMU		
9.2 Odorization measurement and control	10/25/2002	9/16/2005	10/5/2010	10/5/2015	Current
Requalification Requirement 1					
Module 251		10/5/2010	Taught By IAMU		
Or Hands On 9.2 Odorization measurement and control					
10.10 Inspection, monitoring cathodic protection system	1/24/2003	9/4/2008	8/23/2011	8/23/2014	Current
Requalification Requirement 1					
Module 431		8/23/2011	Taught By IAMU		
Or Hands On 10.10 Inspection, monitoring cathodic protection system					
10.1 Cathodic protection	1/24/2003	9/4/2008	8/23/2011	8/23/2014	Current
Requalification Requirement 1					
Module 431		8/23/2011	Taught By IAMU		
Or Hands On 10.1 Cathodic protection		9/14/2005	Taught By IAMU		
10.2 Internal corrosion	1/24/2003	9/4/2008	8/23/2011	8/23/2014	Current
Requalification Requirement 1					
Module 431		8/23/2011	Taught By IAMU		
Or Hands On 10.2 Internal corrosion					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
10.3 External corrosion	1/24/2003	9/4/2008	8/23/2011	8/23/2014	Current
Requalification Requirement 1					
Module 431		8/23/2011	Taught By IAMU		
Or Hands On 10.3 External corrosion					
10.4 Atmospheric corrosion	6/3/2002	5/21/2007	5/7/2010	5/7/2013	Current
Requalification Requirement 1					
Module 202		5/7/2010	Taught By IAMU		
Or Hands On 10.4 Atmospheric corrosion					
10.5 Coatings	1/24/2003	9/4/2008	8/23/2011	8/23/2014	Current
Requalification Requirement 1					
Module 431		8/23/2011	Taught By IAMU		
Or Hands On 10.5 Coatings		9/14/2005	Taught By IAMU		
10.6 Holiday detection (coating inspection)	9/14/2005	9/4/2008	8/23/2011	8/23/2014	Current
Requalification Requirement 1					
Module 431		8/23/2011	Taught By IAMU		
Or Hands On 10.6 Holiday detection (coating inspection)		9/14/2005	Taught By IAMU		
10.7 Painting and jacketing above ground facilities	10/24/2002	2/27/2009	2/10/2012	2/10/2015	Current
Requalification Requirement 1					
Hands On 10.7 Painting and jacketing above ground facilities		2/10/2012	Taught By IAMU		
10.8 Installation of cathodic protection (sacrificial anode system)	1/24/2003	9/4/2008	8/23/2011	8/23/2014	Current
Requalification Requirement 1					
Module 431		8/23/2011	Taught By IAMU		
Or Hands On 10.8 Installation of cathodic protection (sacrificial anode system)		9/14/2005	Taught By IAMU		
11.1 Operating and maintaining differential odorant system	10/25/2002	9/16/2005	12/6/2010	12/6/2015	Current
Requalification Requirement 1					
Module 251		10/5/2010	Taught By IAMU		
Or Hands On 11.1 Operating and maintaining differential odorant system		12/6/2010	Taught By IAMU		
11.3 Testing odorant level	6/24/2002	9/16/2005	12/6/2010	12/6/2015	Current
Requalification Requirement 1					
Module 251		10/5/2010	Taught By IAMU		
Or Hands On 11.3 Testing odorant level		12/6/2010	Taught By IAMU		

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
12.1 Operating valves (including emergency valves), regulators, and	2/20/2003	5/14/2003	4/22/2008	4/22/2013	Current
Module 244		4/22/2008	Taught By IAMU		
Or Hands On 12.1 Operating valves (including emergency valves), regulators, and relief valves					
Requalification Requirement 2					
Module 511		4/22/2008	Taught By IAMU		
Or Hands On 12.1 Operating valves (including emergency valves), regulators, and relief valves					
Requalification Requirement 3					
Module 512		4/22/2008	Taught By IAMU		
Or Hands On 12.1 Operating valves (including emergency valves), regulators, and relief valves					
12.2 Inspecting pressure regulating and limiting stations	2/20/2003	5/14/2003	4/22/2008	4/22/2013	Current
Requalification Requirement 1					
Module 512		4/22/2008	Taught By IAMU		
Or Hands On 12.2 Inspecting pressure regulating and limiting stations					
12.3 Inspecting and maintaining key valves	4/22/2002	9/16/2005	4/22/2008	4/22/2013	Current
Requalification Requirement 1					
Module 511		4/22/2008	Taught By IAMU		
Or Hands On 12.3 Inspecting and maintaining key valves		9/16/2005	Taught By IAMU		
12.4 System uprating	2/17/2003	2/17/2003	1/8/2008	1/8/2013	Current
Requalification Requirement 1					
Module 521		1/8/2008	Taught By IAMU		
Or Hands On 12.4 System uprating					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
1.1 Characteristics and hazards of natural gas					Not Taken
Original Requirement 1					
Module 101					
1.2 Potential ignition sources: indoor and outdoor					Not Taken
Original Requirement 1					
Module 102					
1.3 Recognizing emergency conditions					Not Taken
Original Requirement 1					
Module 103					
1.4 Recognizing and reporting natural gas leaks					Not Taken
Original Requirement 1					
Module 104					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
2.1 Documenting materials and installation records					Not Taken
Original Requirement 1					
Module 402					
2.2 Documenting maximum allowable operating pressure (MAOP)	4/24/2012		4/24/2012	4/24/2017	Current
Requalification Requirement 1					
Module 421		4/24/2012	Taught By IAMU		
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					
2.5 Accident reporting					Not Taken
Original Requirement 1					
Module 103					
3.1 Locating facilities using the conductive method					Not Taken
Original Requirement 1					
Module 402					
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					
Original Requirement 2					
Hands On 3.2 Locating facilities using the inductive method					
3.3 Locating facilities using the inductive method (two persons)					Not Taken
Original Requirement 1					
Module 402					
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					
Original Requirement 2					
Hands On 3.4 Determining depth through triangulation					
3.5 System mapping					Not Taken
Original Requirement 1					
Module 402					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
4.10 Purging safety	4/23/2012		4/23/2012	4/23/2015	Current
Requalification Requirement 1					
Module 422		4/23/2012	Taught By IAMU		
Or Hands On 4.10 Purging safety					
4.1 Personal protective equipment					Not Taken
Original Requirement 1					
Module 111					
4.11 Pressure testing steel and plastic pipeline	4/24/2012		4/24/2012	4/24/2015	Current
Requalification Requirement 1					
Module 421		4/24/2012	Taught By IAMU		
Or Hands On 4.11 Pressure testing steel and plastic pipeline					
4.12 Abandoning facilities	4/24/2012		4/24/2012	4/24/2015	Current
Requalification Requirement 1					
Module 471		4/24/2012	Taught By IAMU		
Or Hands On 4.12 Abandoning facilities					
4.13 Excavation safety					Not Taken
Original Requirement 1					
Module 404					
4.2 Power tool safety					Not Taken
Original Requirement 1					
Module 121					
4.3 Proper firefighting techniques					Not Taken
Original Requirement 1					
Module 122					
4.4 Controlling the accidental release of gas					Not Taken
Original Requirement 1					
Module 131					
4.5 Soil subsidence					Not Taken
Original Requirement 1					
Module 201					
4.6 Atmospheric corrosion					Not Taken
Original Requirement 1					
Module 202					
4.7 Recognizing unsafe meter sets					Not Taken
Original Requirement 1					
Module 211					
4.8 Confined space entry (vaults, etc.)	4/25/2012		4/25/2012	4/25/2013	Current
Requalification Requirement 1					
Module 501		4/25/2012	Taught By IAMU		
Or Hands On 4.8 Confined space entry (vaults, etc.)					
4.9 Job site protection					Not Taken
Original Requirement 1					
Module 401					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
5.1 Leak classification					Not Taken
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					Not Taken
Original Requirement 1					
Module 231					
Or Hands On 5.3 Combustible gas indicators					
5.4 Electronic gas detectors					Not Taken
Original Requirement 1					
Module 231					
Or Hands On 5.4 Electronic gas detectors					
5.6 Bar hole testing and purging					Not Taken
Original Requirement 1					
Module 261					
Or Hands On 5.6 Bar hole testing and purging					
6.1 Carbon monoxide (CO) testing					Not Taken
Original Requirement 1					
Module 241					
6.2 Investigating leaks					Not Taken
Original Requirement 1					
Module 272					
6.3 Combustion and ventilation air requirements					Not Taken
Original Requirement 1					
Module 301					
6.4 Pilot light operation					Not Taken
Original Requirement 1					
Module 311					
Original Requirement 2					
Module 324					
6.5 Gas-air adjustment					Not Taken
Original Requirement 1					
Module 312					
6.7 Pressure checks to establish gas service					Not Taken
Original Requirement 1					
Module 321					
6.8 Establishing and disconnecting gas					Not Taken
Original Requirement 1					
Module 322					
7.10 Reinforcing steel and plastic mains					Not Taken
Original Requirement 1					
Module 463					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
7.1 Pressure testing steel and plastic pipeline	4/24/2012		4/24/2012	4/24/2015	Current
Requalification Requirement 1					
Module 421		4/24/2012	Taught By IAMU		
Or Hands On 7.1 Pressure testing steel and plastic pipeline					
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		4/23/2012	Taught By IAMU		
Original Requirement 2					
Module 412		4/23/2012	Taught By IAMU		
Original Requirement 3					
Module 421		4/24/2012	Taught By IAMU		
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					
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					
7.19 Installing meter sets					Not Taken
Original Requirement 1					
Module 211					
Original Requirement 2					
Module 322					
Original Requirement 3					
Module 452					
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"					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
7.2 Procedures for abandoning facilities	4/24/2012		4/24/2012	4/24/2015	Current
Requalification Requirement 1					
Module 471		4/24/2012	Taught By IAMU		
Or Hands On 7.2 Procedures for abandoning facilities					
7.22 Tapping and stopping polyethylene pipe					Not Taken
Original Requirement 1					
Hands On 7.22 Tapping and stopping polyethylene pipe					
7.3 Cathodic protection (general)					Not Taken
Original Requirement 1					
Module 431					
7.4 Constructing facilities across streets, railroads, and waterways					Not Taken
Original Requirement 1					
Module 453					
7.5 Operating thermite welder					Not Taken
Module 431					
Original Requirement 2					
Hands On 7.5 Operating thermite welder					
7.6 Installing tracer wire					Not Taken
Original Requirement 1					
Module 451					
Original Requirement 2					
Module 452					
7.7 Installing valves					Not Taken
Original Requirement 1					
Module 451					
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					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
8.4 Ditch and backfill inspection					Not Taken
Original Requirement 1					
Module 404					
9.1 Metering					Not Taken
Original Requirement 1					
Hands On 9.1 Metering					
9.2 Odorization measurement and control					Not Taken
Original Requirement 1					
Module 251					
10.10 Inspection, monitoring cathodic protection system					Not Taken
Original Requirement 1					
Module 431					
10.1 Cathodic protection					Not Taken
Original Requirement 1					
Module 431					
10.2 Internal corrosion					Not Taken
Original Requirement 1					
Module 431					
10.3 External corrosion					Not Taken
Original Requirement 1					
Module 431					
10.4 Atmospheric corrosion					Not Taken
Original Requirement 1					
Module 202					
10.5 Coatings					Not Taken
Original Requirement 1					
Module 431					
10.6 Holiday detection (coating inspection)					Not Taken
Original Requirement 1					
Module 431					
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					
10.8 Installation of cathodic protection (sacrificial anode system)					Not Taken
Original Requirement 1					
Module 431					

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Tasks Required	Original Date	Prior Completion	Last Completed	Required By	Status
11.1 Operating and maintaining differential odorant system					Not Taken
Original Requirement 1					
Module 251					
Original Requirement 2					
Hands On 11.1 Operating and maintaining differential odorant system					
11.3 Testing odorant level					Not Taken
Original Requirement 1					
Module 251					
Original Requirement 2					
Hands On 11.3 Testing odorant level					
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					