





CoC No.	CoC Title & Permitted Activities	Pre-requisite Requirements	Supervision Required	Renewal Period	Reference	Knowledge and Skills	US Level	US Credits	US in Gas Qual?	US Standard Setting Body	US Reviewed?	Training & Assessment Resource Available?	Comments
Unique Identifier for CoC Card	The type of work being undertaken and a description of the activities the holder is authorised to do or not do.		Refer GIP009 for more information.	How often reassessment is required.	Unique Identifier for knowledge.	The training and assessment required to achieve the competency. This primarily includes unit standards. Alternatives are accepted where a clear alignment to the framework is proven.							
<b>11</b>	<b>Complex Pressure Control</b>												
	Permits the holder to install, commission, maintain, fault-find and decommission all Distribution pressure control installations with an inlet pressure up to 2,000kpa.	Safety Induction Safe Working Gas Foundation Standard Pressure Control	Unsupervised	3 Yearly	30384	Assemble, install, test, and commission a complex gas pressure control and metering station.	5	30		MITO	Yes	N	Replaced 19554 and 19556 and incorporates 23090
					30385	Maintain, troubleshoot and rectify faults on a complex gas pressure control and metering station.	5	30		MITO	Yes	N	Replaced 19554 and 19556
<b>12</b>	<b>Network Leakage Response</b>												
	Permits the holder to act as first responder to assess, contain and stabilise leakage from reticulated gas networks by making a temporary repair.	Safety Induction Safe Working Gas Foundation	Unsupervised	3 Yearly	10975	Squeeze off a polyethylene pipe in a gas network	4	6	L4	MITO	Yes	N	
					10981	Fit mechanical couplings in a gas network	3	4	L3	MITO	Yes	N	
					12503	Respond to, locate and classify gas escapes in a gas network	4	15		MITO	Yes	N	
					12526	Use fresh air distance breathing apparatus in a gas network	3	3	L3	MITO	Yes	Yes	
					19549	Make temporary repairs of gas escapes in a gas network	4	10		MITO	Yes	N	
					19552	Stabilise a gas emergency site and deal with a gas-filled building	4	20		MITO	Yes	N	Change to Level 4
					25610	Demonstrate knowledge of polyethylene pipe, fittings and fusion jointing for a gas network	3	4	L3	MITO	Yes	Yes	
					30371	DKO flow stopping operations in a gas network	3	4	L3	MITO	Yes	Yes	Replaced 25607 and 25611
					30379	Locate pipes and cables and advise on third party works in the vicinity of a gas pipeline	4	6	L4	MITO	Yes	N	Replaced 9548, 10992 and 19551
					30383	Restore supply and recommission a low capacity installation after an interruption	4	10	L4	MITO	Yes	N	Replaced 19550 and 23089
					31448	Operate and maintain small plant for infrastructure works	3	10	L3	Connexis	NA	Yes	
					32035	Demonstrate and apply knowledge of excavation, backfill and compaction for a gas network	3	10	L3	MITO	Yes	Yes	
					32334	Implement controls to work in a hazardous gas atmosphere	4	10	L4	MITO	Yes	N	New unit
<b>13</b>	<b>Gas Fitter - GMS Change, Disconnect, and/or Reconnect</b>												
	Permits the holder to change, disconnect/reconnect GMS with a capacity no greater than 25 m3/h, and includes restoring supply.	Licensed Gas Fitter	Unsupervised	3 Yearly	30370	DKO gas pipelines & network	3	6	L3	MITO	Yes	Yes	Replaced 12520, 12521, 19541, 19542
					30382	Install & change low capacity gas measurement systems	4	8	L4	MITO	Yes	N	Replaced 12510 and 23085
					30383	Restore supply and recommission a low capacity installation after an interruption	4	10	L4	MITO	Yes	N	Replaced 19550 and 23089
					32040	Collect and record gas metering data	3	4	L3	MITO	Yes	Yes	Ex 23084
					32041	Demonstrate knowledge of standard gas pressure control equipment and metering stations	3	8	L4	MITO	Yes	N	Based on 23088
					32042	Describe gas metering equipment in a gas network	3	3	L3	MITO	Yes	Yes	Based on 12450
<b>14</b>	<b>Gas Fitter – Gas Leakage Response on GMS &lt;25m3/hr</b>												
	Permits the holder to provide first line emergency response for the location and repair of gas leakage on GMS equipment with a capacity no greater than 25 m3/h.	Licensed Gas Fitter	Unsupervised	3 Yearly	12507	Use hand held gas leakage detection equipment	3	5	L3	MITO	Yes	Yes	
					19552	Stabilise a gas emergency site and deal with a gas-filled building	4	20	L4	MITO	Yes	N	
					30370	DKO gas pipelines & network	3	6	L3	MITO	Yes	Yes	Replaced 12520, 12521, 19541, 19542
					30382	Install & change low capacity gas measurement systems	4	8	L4	MITO	Yes	N	Replaced 12510 and 23085
					30383	Restore supply and recommission a low capacity installation after an interruption	4	10	L4	MITO	Yes	N	Replaced 19550 and 23089
					32040	Collect and record gas metering data	3	4	L3	MITO	Yes	Yes	Ex 23084
					32041	Demonstrate knowledge of standard gas pressure control equipment and metering stations	3	8	L4	MITO	Yes	N	Based on 23088
					32042	Describe gas metering equipment in a gas network	3	3	L3	MITO	Yes	Yes	Based on 12450
<b>15</b>	<b>Gas Fitter – Disconnect or reconnect a GMS &lt;12m3/hr for Commercial Reasons</b>												
	Permits the holder to disconnect or reconnect a GMS with a capacity no greater than 12 m3/h. Includes: 1. Temporary disconnection - turn off gas inlet valve, perform let-by test, tag valve, insert rubber bung in the outlet cap or plug the inlet valve. 2. Commercial reconnection – restore supply at the inlet valve, perform let-by test and pressure drop test, purge the installation, check all appliances and relight pilot lights. No changes to the gas meter or regulator are allowed.	Licensed Gas Fitter	Unsupervised	3 Yearly	32749	Isolate and disconnect a low-capacity gas measurement system (GMS) in a gas network	3	4	L3	MITO	Awaiting Approval	N	
					30382	Install & change low capacity gas measurement systems	4	8	L4	MITO	Yes	N	Replaced 12510 and 23085
					30383	Restore supply and recommission a low capacity installation after an interruption	4	10	L4	MITO	Yes	N	Replaced 19550 and 23089

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<b>E</b>	<b>CoC Endorsements</b>												
	Endorsements to certain CoC's permit the holder to carry out specified tasks												
<b>E1</b>	<b>PE Pipe Jointing - Electro Fusion</b>												
	Perform electrofusion jointing on PE pipe for a network.	PE Pipelaying or Gas Foundation	Unsupervised	3 Yearly	10980	Perform electrofusion jointing on PE pipe for a network.	4	6	L4	MITO	Yes	N	
<b>E2</b>	<b>PE Pipe Jointing - Butt Fusion</b>												
	Perform butt fusion jointing on PE pipe for a network	PE Pipelaying or Gas Foundation	Unsupervised	3 Yearly	10987	Perform butt fusion jointing on PE pipe for a network	4	6	L4	MITO	Yes	N	
<b>E3</b>	<b>Hydrostatic Testing</b>												
	Perform hydrostatic tests on gas mains and services	Construct PE Mains or Construct Steel Mains & Services	Unsupervised	3 Yearly	10972	Perform hydrostatic tests on gas mains and services	5	7	L5	MITO	No	N	
<b>E4</b>	<b>Hot Tap Steel Pipe</b>												
	Hot tap, test, and drill a steel pipe in a gas network	Construct Steel Mains & Services	Unsupervised	3 Yearly	10983	Hot tap, test, and drill a steel pipe in a gas network	5	12	L5	MITO	No	N	
<b>E5</b>	<b>Install CP Test Points</b>												
	Install and test CP test points in a gas network	Construct Steel Mains & Services	Unsupervised	3 Yearly	12509	Install and test CP test points in a gas network	5	7	L5	MITO	No	N	
<b>E6</b>	<b>Odorant Survey</b>												
	Test for odour level and concentration in a gas network	Gas Foundation	Unsupervised	3 Yearly (Annual Panel Test)	20590	Test for odour level and concentration	4	3	L3	MITO	Yes	Yes	
<b>E7</b>	<b>Cathodic Protection Survey</b>												
	Carry out cathodic protection system monitoring.	Gas Foundation	Unsupervised	3 Yearly	32036 32037	Demonstrate knowledge of cathodic protection and carry out a reading in a gas network Carry out cathodic protection system monitoring in a gas network	3 3	5 3	L3 L4	MITO MITO	Yes Yes	Yes N	Based on 9575 Based on 9576
<b>E8</b>	<b>Mark-outs &amp; Standovers</b>												
	Locate pipes and cables and advise on third party works in the vicinity of a gas distribution network.	Gas Foundation	Unsupervised	3 Yearly	30379	Locate pipes and cables and advise on third party works in the vicinity of a gas pipeline	4	8	L4	MITO	Yes	N	
<b>E9</b>	<b>Valve Maintenance</b>												
	Check and maintain in-line valves in a gas pipeline. Excludes actuated valves and low-pressure trip mechanisms	Gas Foundation	Unsupervised	3 Yearly	12518	Check and maintain in-line valves in a gas pipeline	4	3	L4	MITO	Yes	N	
<b>E10</b>	<b>Leakage Survey (Walking)</b>												
	Perform and record walking leakage surveys	Gas Foundation	Unsupervised	3 Yearly	32330	Perform a walking leakage survey in a gas network	4	4	No	MITO	Yes	N	
<b>E11</b>	<b>Leakage Survey (Vehicle)</b>												
	Perform and record vehicle leakage surveys	Gas Foundation	Unsupervised	3 Yearly	32331	Perform a vehicle leakage survey in a gas network	4	4	No	MITO	Yes	N	
<b>E12</b>	<b>Issue Work Permits</b>												
	Issue worksite specific work permits	Gas Foundation	Unsupervised	3 Yearly	17590	Issue worksite specific work permits	3	6	L3	Skills	NA	External	