

**Network Leakage Repair Micro-credential Summary Document**

<b>Title</b>	Gas CoC Protocol: Network Leakage Repair (Micro-Credential)		
<b>Level</b>	4	<b>Credits</b>	33
<b>Purpose</b>	<p>The purpose of this micro-credential is to provide the gas infrastructure industry with a formal credential for people who have the skills to make temporary repairs to a gas network.</p> <p>Temporary repair refers to practices ensuring safety in an emergency situation which may include isolating, clamping, crimping, sealant, mechanical coupling, temporary wrapping and others.</p> <p>A separate endorsement must be held for any permanent repairs. e.g., E1 Electrofusion, E13 Coat &amp; Wrap Steel Pipe.</p> <p>This micro-credential addresses an identified skill gap in Aotearoa New Zealand. It will align with the Reticulated Gas – Competency Protocol GIP009, developed by the Gas Association of New Zealand.</p>		
<b>Outcome</b>	<p>On successful completion of this micro-credential, learners/ākonga will be able to demonstrate skills to make temporary repairs to a gas network.</p> <p>Learners/ākonga will be skilled in:</p> <ul style="list-style-type: none"><li>– using fresh air distance breathing apparatus in a gas network</li><li>– repairing gas escapes in a gas network in a gas network</li><li>– implementing controls to work in a hazardous gas atmosphere</li><li>– squeezing off a polyethylene pipe in a gas network</li><li>– fitting mechanical couplings in a gas network.</li></ul>		
<b>Components &amp; Learning Outcomes</b>	<p>On successful completion learners/ākonga will be able to:</p> <ul style="list-style-type: none"><li>○ Use fresh air distance breathing apparatus in a gas network</li><li>○ Repair gas escapes in a gas network in a gas network</li><li>○ Implement controls to work in a hazardous gas atmosphere</li><li>○ Squeeze off a polyethylene pipe in a gas network</li><li>○ Fit mechanical couplings in a gas network</li></ul>		



<b>Standards</b>	<p><b>US 12526:</b> Use fresh air distance breathing apparatus in a gas network</p> <p><b>US 19549:</b> Repair gas escapes in a gas network in a gas network</p> <p><b>US 32334:</b> Implement controls to work in a hazardous gas atmosphere</p> <p><b>US 10975:</b> Squeeze off a polyethylene pipe in a gas network</p> <p><b>US 10981:</b> Fit mechanical couplings in a gas network</p>
<b>Delivery</b>	<p>This micro-credential is designed to be using a combination of theory content and through the practical application of skills working on gas infrastructure.</p> <p>Industry recommends training activities with time in between to embed the learned skills into workplace practice, and to record workplace evidence to demonstrate competence.</p>