



<p><b>Qualification</b>                  City &amp; Guilds Level 3 Diploma in Engineering Construction</p> <p><b>Unit 312 Preparation, fabrication and joining of pipework assemblies</b></p>	<p><b>Assessment title</b></p> <p><b>Version 1</b>  <i>(if applicable)</i></p>
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<p><b>Centre Name</b></p> <p><b>Centre Number</b></p>	<p><b>Candidate Name</b></p> <p><b>Candidate number</b></p>
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For each task, the grading criteria to be applied are as follows: At pass, these are the relevant assessment criteria (AC) from the unit. For the grades, these are the generic criteria as specified in the unit specification. Notes on the form evidence might take in the context of the specific tasks are also be noted where appropriate.

<b>Task</b>	<b>*Pass (unit AC)</b>	<b>Merit</b>	<b>Distinction</b>
	The candidate has achieved all assessment criteria.	The candidate has achieved everything at pass grade and	The candidate has achieved everything at pass and merit grade and
1	<p>Method statement/material list/cutting equipment/Personal Protective Equipment (PPE)</p> <p>Selection of tools/materials/equipment/ drawings is appropriate for the assembly but has a number of acceptable errors, prompts are required, i.e. incorrect but not safety critical p.p.e, incorrect selection of cutting methods, omissions from material lists.</p>	<p>Method statement/material list/cutting equipment/ Personal Protective Equipment (PPE)</p> <p>Selection of tools/materials/equipment provide effective equipment for the assembly of the pipework. i.e. p.p.e. selected, but reminders required, some details omitted from material list, deviations in cutting methods.</p>	<p>Method statement/material list/cutting equipment/ Personal Protective Equipment (PPE)</p> <p>Tools/materials/equipment provide effective equipment for the task i.e. all p.p.e. selected, selection of cutting methods to show best practice and time management, minor corrections required to material lists..</p>
2	<p>Produce the Pipework Assembly</p> <p>A secure grasp of the key techniques/ methods required for the task, without serious errors – allowing the product to work technically although the execution may show some awkwardness or inconsistency.                      Tolerances are just met.                      Selection of tools/materials/equipment/ drawings and use is appropriate for the assembly                      Some lack of attention to detail may be evident.                      More complex elements begin to show signs of difficulty.                      Attempts are made to rectify problems with some success.</p>	<p>Produce the Pipework Assembly</p> <p>A secure grasp of the specifics of techniques/ methods allowing the product to succeed technically with the execution showing consistency and some dexterity/fluidity of practice.                      Planning and sequencing is time efficient.                      Performance is consistently and securely within tolerances.                      Choices are made about techniques/ materials/ equipment etc that are consistent with the task.                      Finish/ attention to detail is consistently sound.                      Areas of complexity are well attempted, showing only minor signs of difficulty.                      Any small problems are successfully rectified.                      Reporting is accurate and detailed.</p>	<p>Produce the Pipework Assembly</p> <p>A secure grasp of the detail/ complexities of techniques/ methods allowing the quality of the process/ product/ service to stand out, with the execution showing consistency and dexterity/ fluidity of practice in all aspects.                      Planning and sequencing is time efficient                      adjustments are made to deal with unexpected issues                      Performance is consistently close to perfection/second nature.                      Tools/materials/equipment for the task and are used confidently and with ease                      Finish/ attention to detail shows precision/</p>



	Reporting provides the minimum detail required.			diligence Complexity has been skilfully tackled, with no evidence of difficulty. Problems have been anticipated and avoided. Reporting is comprehensive	
2/3	<p>Underpinning Knowledge Questions</p> <p>A solid understanding of the key concepts. Some understanding may be simplistic, narrow or shallow. Generally accurate recall of the unit content without serious misapprehensions or gaps. Recall may be slow or show signs of difficulty/uncertainty, minor misapprehensions may occur main facts are stated accurately:</p> <ul style="list-style-type: none"> <li>• definitions and descriptions are accurate, but somewhat limited</li> <li>• diagrams are mostly correctly annotated, with some minor errors eg spellings</li> </ul>		<p>Underpinning Knowledge Questions</p> <p>A sound understanding of the breadth/depth of the relevant concepts. Accurate and complete recall of the breadth and depth of the unit content. Recall is confident:</p> <ul style="list-style-type: none"> <li>• facts are accurate and cover the breadth and depth of the unit</li> <li>• definitions and descriptions are clear and fit for the task</li> <li>• technical language is accurate</li> </ul>	<p>Underpinning Knowledge Questions</p> <p>A well developed understanding of the relevant concepts. Some facts/ knowledge which go beyond the requirements of the unit. Recall is automatic and can be brought together making useful connections:</p> <ul style="list-style-type: none"> <li>• evidence of research/ interest beyond the scope of the unit.</li> <li>• descriptions and definitions are detailed</li> <li>• use of knowledge is consistently high and second nature</li> </ul>	

**\*All unit ACs must be achieved for the unit credits to be achieved.**

<p><b>Assessor Signature &amp; date</b> (when all tasks complete)</p>	<p><b>*IV signature &amp; date</b></p>
	<p><b>*EV signature &amp; date</b></p>

(\*if sampled)