

<b>Course Title</b>	Steam Plant Maintenance: City & Guilds accredited
<b>Duration</b>	4 days
<b>Who is it for?</b>	Those involved with the maintenance and installation of steam systems and those wishing to obtain a maintenance based accreditation.
<b>What is it about?</b>	This course provides you with the basic knowledge and practical skills necessary to assess your competence and knowledge and is accredited through City & Guilds.
<b>Course objectives</b>	<ul style="list-style-type: none"> <li>• Understand the fundamentals of steam systems</li> <li>• Demonstrate good installation practices</li> <li>• Demonstrate fault finding through practical experience</li> <li>• Maintain steam traps, pressure reducing valves, condensate pumps and other ancillary equipment</li> <li>• Have an understanding of basic boiler house maintenance – Feedwater treatment and burners</li> </ul>
<b>What is covered</b>	<ul style="list-style-type: none"> <li>• Steam Fundamentals</li> <li>• Steam Generation</li> <li>• Tour of boilerhouse</li> <li>• Water treatment</li> <li>• Steam distribution</li> <li>• Pressure reduction including installation, safety valves and fault diagnosis</li> <li>• Safety practices</li> <li>• Practical: Pressure Reducing Valves</li> <li>• Air venting and steam trapping</li> <li>• Steam trap checking</li> <li>• Practical: Steam trap assembly and test</li> <li>• Practical: Steam trap set selection and build</li> <li>• Condensate recovery including fault diagnosis on pump skids</li> <li>• Written examination</li> <li>• Formal practicals</li> </ul>
<b>Pre-requisites</b>	None
<b>Outcome</b>	City & Guilds Accredited Certificate: Steam Plant Maintenance
<b>Format of course</b>	Classroom based including practical's. This course is assessed by multiple choice test paper and practical assessment. This Spirax Sarco course is accredited by The City & Guilds Group. Delegates will take practical tests and a written exam as part of the course.

