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| <b>Course Title</b>      | <b>Steam Quality Testing</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Duration</b>          | 2 days, including assessment. Recommended renewal every 3 years.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Who is it for?</b>    | Individuals involved in conducting steam quality testing in line with EN285 requirements. Those needing an understanding of the importance of grades of steam and quality of steam produced.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>What is it about?</b> | The course provides you with a solid background in steam generation, grades of steam, the importance of steam quality and will provide with the necessary practical skills to undertake steam quality testing. The course is examined and accredited through City & Guilds.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Course objectives</b> | <p>By the end of the course delegates will be able to:</p> <ul style="list-style-type: none"> <li>• Understand the fundamentals of steam systems</li> <li>• Understand the different grades of steam</li> <li>• Define the attributes of steam quality and why they are important</li> <li>• Define the difference between steam quality and steam purity</li> <li>• Understand the importance of and 4 main types of Steam Quality tests and how this relates to legislation</li> <li>• Demonstrate competence in the use of the Steam Quality Testing kit</li> <li>• Identify and know the main requirements of all relevant legislation (inc BS EN 285)</li> <li>• Understand basic microbiology relevant to sterilisation</li> <li>• Explain the application and operating principle of steam sterilisers</li> <li>• Explain contributory factors to and causes of poor steam quality</li> </ul> |
| <b>What is covered</b>   | <ul style="list-style-type: none"> <li>• Steam fundamentals</li> <li>• Steam grades</li> <li>• Steam purity</li> <li>• Steam quality testing</li> <li>• Legislation</li> <li>• Applications</li> <li>• Microbiology</li> <li>• Factors &amp; causes of poor quality steam</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Pre-requisites</b>    | None.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Outcome</b>           | On successful completion of the 2 stage assessment process you will receive a Spirax Sarco certificate accredited by City & Guilds.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Format of course</b>  | Classroom based including assessment and practical assessment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

