

## BPEC - Purpose Statement

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| <b>Title of the Qualification</b>                | ETS-002<br>BPEC Level 3 Award in the Installation and Maintenance of Solar Thermal Hot Water Systems (QCF)   |
| <b>Qualification Number (QN)</b>                 | 600/6608/8   |
| <b>Overview</b>                                  |  |
| -Who is this qualification for                   | Learners must be a minimum of 16 years old and should have a minimum NVQ level 2/3 qualification in plumbing or conventional heating engineering or demonstrable evidence of at least 3 years relevant experience, a Domestic Vented and Unvented Hot Water Storage Systems Certificate, Water Regulations and Part L Energy Efficiency Certificates.<br><br>Successful completion of this qualification proves that learners are competent to install, commission, decommission, service and solar thermal hot water systems.   |
| -What does this qualification Cover              | This is a Level 3 qualification of 10 credits and 80 guided learning hours consisting of 5 mandatory units that comprise of practical and theoretical elements. ALL units must be achieved to achieve the overall qualification. <ul style="list-style-type: none"> <li>• Know the requirements to install, commission and handover solar thermal hot water systems</li> <li>• Install, commission and handover 'active' solar thermal hot water systems</li> <li>• Know the requirements to inspect, service and maintain 'active' solar thermal hot water systems</li> <li>• Inspect, service and maintain 'active' solar thermal hot water systems</li> </ul> |
| <b>What Could This Qualification Lead to</b>     |  |
| -Will the qualification lead to employment       | Successful completion of this qualification proves that learners are competent to install, commission, decommission service and maintain solar thermal hot water systems and therefore will extend career opportunities in the emerging technologies field.  |
| -Will the qualification lead to further learning | Learners may progress to achieve the BPEC Level 3 Award in the Installation and Maintenance of Small Scale Solar Photovoltaic Systems (QCF) or BPEC Level 3 Award in the Installation and Maintenance of Heat Pumps Systems (Non-refrigerant Circuits) (QCF) to gain a broader knowledge of available systems.   |
| <b>Who Supports This Qualification</b>           | Chartered Institute of Plumbing and Heating Engineering<br>SummitSkills  |