

| Unit title  | Owner reference number | Detailed assessment requirements guidance  |
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| Understand and Apply Health and Safety legislation, practices and procedures(Electrical Installations in Dwellings) | ELTCD 01               | <p>The assessment methodology, assessment instruments, the principles and processes of assessment must be determined by the Awarding Organisation in accordance with the <u>“Consolidated Assessment Strategy for Units and Qualifications in the QCF for the Building Services Engineering Sector,- SummitSkills, April 2010v2.1a (06.10)</u></p> <p>Prior to undertaking this unit a learner must provide auditable evidence that demonstrates they have the understanding and experience of the principles, procedures and practices for <b>installing</b> electrotechnical systems and equipment in dwellings.</p> <p>Evidence requirements for this unit:<br/> <b><u>Knowledge - LO1; LO3; LO5;</u></b><br/> The assessment instruments for knowledge Learning Outcomes must be fit-for-purpose and be one or more of;<br/> <b>KN1:</b> Knowledge tests - centrally set, centrally marked and quality assured by the Awarding Organisation<br/> and/or<br/> <b>KN2:</b> Knowledge-based projects/assignments that are centrally set, centre marked and quality assured by the Awarding Organisation<br/> or<br/> <b>KN3: Only for candidates that have in excess of 24 months experience of Installing, Testing and Ensuring Compliance of electrotechnical systems and equipment in dwellings</b><br/> Knowledge based professional discussion that is centre devised following centrally specified guidance, centre marked and quality assured by the Awarding Organisation.<br/> <b><u>Application - LO2; LO4; L06</u></b><br/> Evidence must be sourced from the real working environment for application Learning Outcomes and must be naturally occurring and can be generated by one or more of;<br/> <b>AP1:</b> Direct observation of performance in the workplace by a qualified assessor and/or testimony from an expert witness subject to the activity being assessed. This will be the primary source of evidence.<br/> and/or<br/> <b>AP2:</b> Candidate’s reflective account of performance through professional discussion<br/> and/or<br/> AP3: Work plans and work based products e.g. diagrams, drawings, specifications, customer testimony, authorised &amp; authenticated photographs/ images and audiovisual records of work completed, consolidated by supplementary questioning<br/> or<br/> <b>AP4: Only for candidates that have in excess of 24 months experience of Installing, Testing and Ensuring Compliance of electrotechnical systems and equipment in dwellings</b><br/> Auditable evidence of competence from prior achievements that demonstrably match the requirements of the relevant learning outcomes of this unit. This evidence must be consolidated by supplementary questioning<br/> <b><u>NOTE:</u></b> Auditable evidence sourced from a real working environment must be provided to illustrate that, the learner has demonstrated over a minimum of two separate activities they understand and can apply <b>Health and Safety legislation, practices and procedures(Electrical Installations in Dwellings)</b> when Installing, Testing and Ensuring Compliance of Electrotechnical Systems and Equipment in dwellings in accordance with approved industry practices, statutory and non-statutory regulations and the assessment criteria for each of the learning outcomes. To demonstrate “Occupational Competence” for installing, testing and ensuring compliance of electrotechnical systems and equipment in dwellings, the learner will need to successfully complete the <u>Electrical Installations in Dwellings Occupational Competence Unit (ELTCD OC01) – See AP4 above for exemption</u></p> |

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| <p>Understanding and applying environmental legislation, working practices and the principles of environmental technology systems associated with Electrical Installations in Dwellings</p> | <p>ELTCD 02</p> | <p>The assessment methodology, assessment instruments, the principles and processes of assessment must be determined by the Awarding Organisation in accordance with the <u>“Consolidated Assessment Strategy for Units and Qualifications in the QCF for the Building Services Engineering Sector.- SummitSkills, April 2010v2.1a (06.10)”</u></p> <p>Prior to undertaking this unit a learner must provide auditable evidence that demonstrates they have the understanding and experience of the principles, procedures and practices for <b>installing</b> electrotechnical systems and equipment in dwellings.</p> <p>Evidence requirements for this unit:<br/> <b><u>Knowledge - LO1; LO3; LO5; LO6</u></b></p> <p>The assessment instruments for knowledge Learning Outcomes must be fit-for-purpose and be one or more of;</p> <p><b>KN1:</b> Knowledge tests - centrally set, centrally marked and quality assured by the Awarding Organisation<br/>and/or</p> <p><b>KN2:</b> Knowledge-based projects/assignments that are centrally set, centre marked and quality assured by the Awarding Organisation<br/>or</p> <p><b>KN3:</b> Only for candidates that have in excess of 24 months experience of Installing, Testing and Ensuring Compliance of electrotechnical systems and equipment in dwellings</p> <p>Knowledge based professional discussion that is centre devised following centrally specified guidance, centre marked and quality assured by the Awarding Organisation.</p> <p><b><u>Application - LO2; LO4</u></b></p> <p>Evidence must be sourced from the real working environment for application Learning Outcomes and must be naturally occurring and can be generated by one or more of;</p> <p><b>AP1:</b> Direct observation of performance in the workplace by a qualified assessor and/or testimony from an expert witness subject to the activity being assessed. This will be the primary source of evidence.<br/>and/or</p> <p><b>AP2:</b> Candidate’s reflective account of performance through professional discussion<br/>and/or</p> <p><b>AP3:</b> Work plans and work based products e.g. diagrams, drawings, specifications, customer testimony, authorised &amp; authenticated photographs/ images and audiovisual records of work completed, consolidated by supplementary questioning<br/>or</p> <p><b>AP4: Only for candidates that have in excess of 24 months experience of Installing, Testing and Ensuring Compliance of electrotechnical systems and equipment in dwellings</b></p> <p>Auditable evidence of competence from prior achievements that demonstrably match the requirements of the relevant learning outcomes of this unit. This evidence must be consolidated by supplementary questioning</p> <p><b><u>NOTE:</u></b> Auditable evidence sourced from a real working environment must be provided to illustrate that, the learner has demonstrated over a minimum of two separate activities they understand and can apply <b>Environmental Technology Legislation, Working Practices and the Principles Associated with Environmental Technology Systems</b> when Installing, Testing and Ensuring Compliance of Electrotechnical Systems and Equipment in dwellings in accordance with approved industry practices, statutory and non-statutory regulations and the assessment criteria for each of the learning outcomes.</p> <p>To demonstrate “Occupational Competence” for installing, testing and ensuring compliance of electrotechnical systems and equipment in dwellings, the learner will need to successfully complete the <u>Electrical Installations in Dwellings Occupational Competence Unit (ELTCD OC01) – See AP4 above for exemption</u></p> |
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| <p><b>Understanding and apply the practices and procedures for overseeing and organising the work environment when installing electrical installations in dwellings</b></p> | <p><b>ELTCD 03</b></p> | <p>The assessment methodology, assessment instruments, the principles and processes of assessment must be determined by the Awarding Organisation in accordance with the <u>“Consolidated Assessment Strategy for Units and Qualifications in the QCF for the Building Services Engineering Sector,- SummitSkills, April 2010v2.1a (06.10)”</u></p> <p>Prior to undertaking this unit a learner must provide auditable evidence that demonstrates they have the understanding and experience of the principles, procedures and practices for <b>installing</b> electrotechnical systems and equipment in dwellings.</p> <p>Evidence requirements for this unit:<br/> <b>Knowledge - LO1; LO2; LO4; LO6; LO8; LO9</b><br/> The assessment instruments for knowledge Learning Outcomes must be fit-for-purpose and be one or more of;<br/> <b>KN1:</b> Knowledge tests - centrally set, centrally marked and quality assured by the Awarding Organisation<br/> and/or<br/> <b>KN2:</b> Knowledge-based projects/assignments that are centrally set, centre marked and quality assured by the Awarding Organisation<br/> or<br/> <b>KN3:</b> Only for candidates that have in excess of 24 months experience of Installing, Testing and Ensuring Compliance of electrotechnical systems and equipment in dwellings<br/> Knowledge based professional discussion that is centre devised following centrally specified guidance, centre marked and quality assured by the Awarding Organisation.<br/> <b>Application – LO3; LO5; LO7; LO10</b><br/> Evidence must be sourced from the real working environment for application Learning Outcomes and must be naturally occurring and can be generated by one or more of;<br/> <b>AP1:</b> Direct observation of performance in the workplace by a qualified assessor and/or testimony from an expert witness subject to the activity being assessed. This will be the primary source of evidence.<br/> and/or<br/> <b>AP2:</b> Candidate's reflective account of performance through professional discussion and/or<br/> <b>AP3:</b> Work plans and work based products e.g. diagrams, drawings, specifications, customer testimony, authorised &amp; authenticated photographs/ images and audiovisual records of work completed, consolidated by supplementary questioning or<br/> <b>AP4: Only for candidates that have in excess of 24 months experience of Installing, testing and ensuring Compliance of electrotechnical systems and equipment in dwellings</b><br/> Auditable evidence of competence from prior achievements that demonstrably match the requirements of the relevant learning outcomes of this unit. This evidence must be consolidated by supplementary questioning<br/> <b>NOTE:</b> Auditable evidence sourced from a real working environment must be provided to illustrate that, the learner has demonstrated over a minimum of two separate activities they understand and can apply the practices and procedures for <b>Overseeing and Organising the Work Environment</b> when Installing, Testing and Ensuring Compliance of Electrotechnical Systems and Equipment in dwellings in accordance with approved industry practices, statutory and non-statutory regulations and the assessment criteria for each of the learning outcomes.<br/> To demonstrate “Occupational Competence” for installing, testing and ensuring compliance of electrotechnical systems and equipment in dwellings, the learner will need to successfully complete the <u>Electrical Installations in Dwellings Occupational Competence Unit (ELTCD OC01) – See AP4 above for exemption</u></p> |
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| <p>Understanding and applying the principles, practices and procedures for the planning, preparation and selection of wiring systems and electrotechnical equipment in dwellings</p> | <p>ELTCD<br/>04.1</p> | <p>The assessment methodology, assessment instruments, the principles and processes of assessment must be determined by the Awarding Organisation in accordance with the <u>“Consolidated Assessment Strategy for Units and Qualifications in the QCF for the Building Services Engineering Sector,- SummitSkills, April 2010v2.1a (06.10)”</u></p> <p>Prior to undertaking this unit a learner must provide auditable evidence that demonstrates they have the understanding and experience of the principles, procedures and practices for <b>installing</b> electrotechnical systems and equipment in dwellings.</p> <p>Evidence requirements for this unit:</p> <p><b><u>Knowledge - LO1; LO2; LO4;</u></b></p> <p>The assessment instruments for knowledge Learning Outcomes must be fit-for-purpose and be one or more of;</p> <p><b>KN1:</b> Knowledge tests - centrally set, centrally marked and quality assured by the Awarding Organisation<br/>and/or</p> <p><b>KN2:</b> Knowledge-based projects/assignments that are centrally set, centre marked and quality assured by the Awarding Organisation<br/>or</p> <p><b>KN3: Only for candidates that have in excess of 24 months experience of Installing, Testing and Ensuring Compliance of electrotechnical systems and equipment in dwellings</b></p> <p>Knowledge based professional discussion that is centre devised following centrally specified guidance, centre marked and quality assured by the Awarding Organisation.</p> <p><b><u>Application – LO3; LO5</u></b></p> <p>Evidence must be sourced from the real working environment for application Learning Outcomes and must be naturally occurring and can be generated by one or more of;</p> <p><b>AP1:</b> Direct observation of performance in the workplace by a qualified assessor and/or testimony from an expert witness subject to the activity being assessed. This will be the primary source of evidence.<br/>and/or</p> <p><b>AP2:</b> Candidate’s reflective account of performance through professional discussion<br/>and/or</p> <p><b>AP3:</b> Work plans and work based products e.g. diagrams, drawings, specifications, customer testimony, authorised &amp; authenticated photographs/ images and audiovisual records of work completed, consolidated by supplementary questioning<br/>or</p> <p><b>AP4: Only for candidates that have in excess of 24 months experience of Installing, Testing and Ensuring Compliance of electrotechnical systems and equipment in dwellings</b></p> <p>Auditable evidence of competence from prior achievements that demonstrably match the requirements of the relevant learning outcomes of this unit. This evidence must be consolidated by supplementary questioning</p> <p><b><u>NOTE:</u></b> Auditable evidence sourced from a real working environment must be provided to illustrate that, the learner has demonstrated over a minimum of two separate activities they understand and can apply the practices and procedures for <b>the Planning, Preparation and Selection</b> of wiring systems and electrotechnical equipment when Installing, Testing and Ensuring Compliance of Electrotechnical Systems and Equipment in dwellings in accordance with approved industry practices, statutory and non-statutory regulations and the assessment criteria for each of the learning outcomes.</p> <p>To demonstrate “Occupational Competence” for installing, testing and ensuring compliance of electrotechnical systems and equipment in dwellings, the learner will need to successfully complete the <u>Electrical Installations in Dwellings Occupational Competence Unit (ELTCD OC01) – See AP4 above for exemption</u></p> |
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| <p>Understanding and applying the practices and procedures for the installation and connection of wiring systems and electrotechnical equipment in dwellings</p> | <p>ELTCD<br/>04.2</p> | <p>The assessment methodology, assessment instruments, the principles and processes of assessment must be determined by the Awarding Organisation in accordance with the <u>“Consolidated Assessment Strategy for Units and Qualifications in the QCF for the Building Services Engineering Sector,- SummitSkills, April 2010v2.1a (06.10)”</u></p> <p>Prior to undertaking this unit a learner must provide auditable evidence that demonstrates they have the understanding and experience of the principles, procedures and practices for <b>installing</b> electrotechnical systems and equipment in dwellings.</p> <p>Evidence requirements for this unit:<br/> <b><u>Knowledge - LO1; LO3; LO5; LO6; LO8</u></b><br/> The assessment instruments for knowledge Learning Outcomes must be fit-for-purpose and be one or more of;<br/> <b>KN1:</b> Knowledge tests - centrally set, centrally marked and quality assured by the Awarding Organisation<br/> and/or<br/> <b>KN2:</b> Knowledge-based projects/assignments that are centrally set, centre marked and quality assured by the Awarding Organisation<br/> or<br/> <b>KN3: Only for candidates that have in excess of 24 months experience of Installing, Testing and Ensuring Compliance of electrotechnical systems and equipment in dwellings</b><br/> Knowledge based professional discussion that is centre devised following centrally specified guidance, centre marked and quality assured by the Awarding Organisation.<br/> <b><u>Application – LO2; LO4; LO7; LO9; LO10</u></b><br/> Evidence must be sourced from the real working environment for application Learning Outcomes and must be naturally occurring and can be generated by one or more of;<br/> <br/> <b>AP1:</b> Direct observation of performance in the workplace by a qualified assessor and/or testimony from an expert witness subject to the activity being assessed. This will be the primary source of evidence.<br/> and/or<br/> <b>AP2:</b> Candidate’s reflective account of performance through professional discussion<br/> and/or<br/> <b>AP3:</b> Work plans and work based products e.g. diagrams, drawings, specifications, customer testimony, authorised &amp; authenticated photographs/ images and audiovisual records of work completed, consolidated by supplementary questioning<br/> or<br/> <b>AP4: Only for candidates that have in excess of 24 months experience of Installing, Testing and Ensuring Compliance of Electrotechnical Systems and Equipment in Dwellings</b><br/> Auditable evidence of competence from prior achievements that demonstrably match the requirements of the relevant learning outcomes of this unit. This evidence must be consolidated by supplementary questioning<br/> <b>NOTE:</b> Auditable evidence sourced from a real working environment must be provided to illustrate that, the learner has demonstrated over a minimum of two separate activities they understand and can apply the practices and procedures for <b>the Installation and Connection</b> of wiring systems and electrotechnical equipment when Installing, Testing and Ensuring Compliance of Electrotechnical Systems and Equipment in dwellings in accordance with approved industry practices, statutory and non-statutory regulations and the assessment criteria for each of the learning outcomes.<br/> To demonstrate “Occupational Competence” for installing, testing and ensuring compliance of electrotechnical systems and equipment in dwellings, the learner will need to successfully complete the <u>Electrical Installations in Dwellings Occupational Competence Unit (ELTCD OC01) – See AP4 above for exemption</u></p> |
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| <p>Understanding and apply the principles, practices and legislation for the inspection, testing, commissioning, approving and certification of electrical installations in dwellings</p> | <p>ELTCD 05</p> | <p>The assessment methodology, assessment instruments, the principles and processes of assessment must be determined by the Awarding Organisation in accordance with the <u>“Consolidated Assessment Strategy for Units and Qualifications in the QCF for the Building Services Engineering Sector,- SummitSkills, April 2010v2.1a (06.10)”</u></p> <p>Prior to undertaking this unit a learner must provide auditable evidence that demonstrates they have the understanding and experience of the principles, procedures and practices for <b>installing</b> electrotechnical systems and equipment in dwellings.</p> <p>Evidence requirements for this unit:<br/> <b>Knowledge - LO1; LO3; LO4; LO6; LO7</b><br/> The assessment instruments for knowledge Learning Outcomes must be fit-for-purpose and be one or more of;<br/> <b>KN1:</b> Knowledge tests - centrally set, centrally marked and quality assured by the Awarding Organisation<br/> and/or<br/> <b>KN2:</b> Knowledge-based projects/assignments that are centrally set, centre marked and quality assured by the Awarding Organisation<br/> or<br/> <b>KN3: Only for candidates that have in excess of 24 months experience of Installing, Testing and Ensuring Compliance of electrotechnical systems and equipment in dwellings</b><br/> Knowledge based professional discussion that is centre devised following centrally specified guidance, centre marked and quality assured by the Awarding Organisation.<br/> <b>Application – LO2; LO5; LO8; LO9:</b><br/> Evidence must be sourced from the real working environment for application Learning Outcomes and must be naturally occurring and can be generated by one or more of;<br/> <b>AP1:</b> Direct observation of performance in the workplace by a qualified assessor and/or testimony from an expert witness subject to the activity being assessed. This will be the primary source of evidence.<br/> and/or<br/> <b>AP2:</b> Candidate's reflective account of performance through professional discussion and/or<br/> <b>AP3:</b> Work plans and work based products e.g. diagrams, drawings, specifications, customer testimony, authorised &amp; authenticated photographs/ images and audiovisual records of work completed, consolidated by supplementary questioning<br/> or<br/> <b>AP4: Only for candidates that have in excess of 24 months experience of Installing, Testing and Ensuring Compliance of Electrotechnical Systems and Equipment in Dwellings</b><br/> Auditable evidence of competence from prior achievements that demonstrably match the requirements of the relevant learning outcomes of this unit. This evidence must be consolidated by supplementary questioning<br/> <b>NOTE:</b> Auditable evidence sourced from a real working environment must be provided to illustrate that, the learner has demonstrated over a minimum of two separate activities they understand and can apply the principles, practices and legislation for <b>the Inspection, Testing, Commissioning and Certification</b> of wiring systems and electrotechnical equipment when Installing, Testing and Ensuring Compliance of Electrotechnical Systems and Equipment in dwellings in accordance with approved industry practices, statutory and non-statutory regulations and the assessment criteria for each of the learning outcomes.<br/> To demonstrate “Occupational Competence” for installing, testing and ensuring compliance of electrotechnical systems and equipment in dwellings, the learner will need to successfully complete the <u>Electrical Installations in Dwellings Occupational Competence Unit (ELTCD OC01) – See AP4 above for exemption</u></p> |
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| <p><b>Understanding and applying the principles, practices and legislation for diagnosing and correcting electrical faults in electrical installations in dwellings</b></p> | <p>ELTCD 06</p> | <p>The assessment methodology, assessment instruments, the principles and processes of assessment must be determined by the Awarding Organisation in accordance with the <u>“Consolidated Assessment Strategy for Units and Qualifications in the QCF for the Building Services Engineering Sector,- SummitSkills, April 2010v2.1a (06.10)”</u></p> <p>Prior to undertaking this unit a learner must provide auditable evidence that demonstrates they have the understanding and experience of the principles, procedures and practices for <b>installing</b> electrotechnical systems and equipment in dwellings.</p> <p>Evidence requirements for this unit:<br/> <b>Knowledge - LO1; LO2; LO4; LO5; LO6; LO9</b><br/> The assessment instruments for knowledge Learning Outcomes must be fit-for-purpose and be one or more of;<br/> <b>KN1:</b> Knowledge tests - centrally set, centrally marked and quality assured by the Awarding Organisation<br/> and/or<br/> <b>KN2:</b> Knowledge-based projects/assignments that are centrally set, centre marked and quality assured by the Awarding Organisation<br/> or<br/> <b>KN3: Only for candidates that have in excess of 24 months experience of Installing, Testing and Ensuring Compliance of electrotechnical systems and equipment in dwellings</b><br/> Knowledge based professional discussion that is centre devised following centrally specified guidance, centre marked and quality assured by the Awarding Organisation.<br/> <b>Application – LO3; LO7; LO8; LO10:</b><br/> Evidence must be sourced from the real working environment for application Learning Outcomes and must be naturally occurring and can be generated by one or more of;<br/> <b>AP1:</b> Direct observation of performance in the workplace by a qualified assessor and/or testimony from an expert witness subject to the activity being assessed. This will be the primary source of evidence.<br/> and/or<br/> <b>AP2:</b> Candidate's reflective account of performance through professional discussion and/or<br/> <b>AP3:</b> Work plans and work based products e.g. diagrams, drawings, specifications, customer testimony, authorised &amp; authenticated photographs/ images and audiovisual records of work completed, consolidated by supplementary questioning or<br/> <b>AP4: Only for candidates that have in excess of 24 months experience of Installing, Testing and Ensuring Compliance of Electrotechnical Systems and Equipment in Dwellings</b><br/> Auditable evidence of competence from prior achievements that demonstrably match the requirements of the relevant learning outcomes of this unit. This evidence must be consolidated by supplementary questioning<br/> <b>NOTE:</b> Auditable evidence sourced from a real working environment must be provided to illustrate that, the learner has demonstrated over a minimum of two separate activities they understand and can apply the principles, practices and legislation when <b>Diagnosing and Correcting Electrical Faults</b> in electrical installations in dwellings in accordance with approved industry practices, statutory and non-statutory regulations and the assessment criteria for each of the learning outcomes.<br/> To demonstrate “Occupational Competence” for installing, testing and ensuring compliance of electrotechnical systems and equipment in dwellings, the learner will need to successfully complete the <u>Electrical Installations in Dwellings Occupational Competence Unit (ELTCD OC01) – See AP4 above for exemption</u></p> |
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