

**Unit: ConClip 5 • Insulation • Sealing around cables and ducts**
**Unit Level:** Proposed level 3

**Guided Learning Hours:** To be agreed

**Unit Credit value:** To be agreed

**Assessment guidance:**

This Unit must be assessed in a work environment. Assessors for this Unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge and must use a combination of assessment methods including Observation of candidate performance and questioning. Where appropriate, the candidate may present a portfolio of work activities showing their knowledge, as part of the assessment.

**Learning Outcomes and Assessment Criteria**

<b>Learning Outcome – The Learner will:</b>	<b>Assessment Criterion – The Learner can:</b>
1. Interpret information relating to the work and resources when sealing cables and ducts	1.1 Interpret relevant information from drawings, specifications and suppliers information
	1.2 Comply with information and /or instructions from risk assessments and method statements
	1.3 State how to report inappropriate information and unsuitable resources and how they are rectified
2. Select the required quantity and quality of resources to seal cables and ducts	2.1 Select resources in relation to additional manpower, materials, components, fixings, tools and equipment to provide sealing around ducts and cables
	2.2 Describe how the resources should be used correctly and how possible problems are reported
	2.3 Describe how to calculate quantity, length, area and wastage associated with the methods/procedures to seal ducts and cables
3. Comply with information to seal cables and ducts and prepare components	3.1 Demonstrate the following work skills when sealing cables and ducts to airtight specifications: Measuring, marking out, cutting, fitting, finishing, positioning, sealing and securing
	3.2 Apply recommended sealing tape to ensure tight fitting between panel joints
	3.3 Apply recommended sealing tape appropriate for sealing corners securely and air tight

	3.4 Flatten tape using relevant tools to ensure air tight fit of sealing tape to wall
	3. Use suitably sized and recommended sealing tape when sealing corners securely
	3.6 Seal cables and larger penetrations securely using suitable and correct diameter cable sleeves
	3.7 Prepare for sealing insulation cables after piping is attached
	3.8 Attach final slats and bars to final wall surface following instructions
	3.9 Complete final wall covering applying relevant boards to slats ensuring tight fit
	3.10 Construct appropriate size hole for insulation cable into final surface using suitable tools for fitting appropriate sleeve and secure
4. Minimise the risk of damage to the work and surrounding area	4.1 Dispose of waste in accordance with instructions
	4.2 Describe the needs of other occupations and how to effectively communicate within a team when sealing cables and ducts
	4.3 Describe how to maintain tools and equipment used when sealing cables and ducts