

Title:	Evaluate a Resistant Material Product
Level:	E3
Credit value:	3
GLH	30
Unique Reference Number:	D/650/3509
Aim:	In this unit the learner will evaluate a finished resistant material product as part of a small team or individually to meet customer needs.
Assessment	An NOCN assessment booklet has been produced which may be used to evidence all learning outcomes.
Learning outcomes	
<i>The learner will:</i>	
1. Understand the importance of testing in the evaluation of a useable product.	
Delivery content:	
<p>The aim of this learning outcome is to provide learners with knowledge to understand the importance of testing a product in relation to a design brief and the skills to carry this out effectively.</p> <p>The learner must:</p> <ul style="list-style-type: none"> • identify the key features or requirements of the design brief and use this knowledge to inform required tests. • carry out tests on the product. • present test findings to a group. • use test findings to inform suggested modifications. 	

2. Understand the importance of evaluation and demonstrate its impact on the product.

Delivery content:

The aim of this learning outcome is to provide learners with knowledge of how to evaluate a product in relation to its functionality and how/why modification can be necessary.

The learner must:

- recognise problems and contribute to suitable solutions as part of the design process.
- use the product for its intended purpose and evaluate it against the design need to see how it meets the requirements of the user/s.
- review the effectiveness of their use of **materials**, tools, equipment and **techniques**.
- contribute to an evaluation of the product and suggest how improvements could be made to the finished product.

3. Understand how team working skills help in the working environment.

Delivery content:

The aim of this learning outcome is to provide learners with the opportunity to work in a small team to perform evaluation tasks.

The learner must:

- work as part of a small team.
- give information about the task to other team members.

Scope of Training/Assessment

The expectation is that learners will work in a small team or individually to evaluate a product. The following is an example of how the learners could evaluate a product. The tutor could give the learners a product and design brief and ask learners to work as a group to plan testing against functionality, durability and aesthetic appreciation. The learners could then carry out the tests individually and collate results as a group to make joint decisions regarding product design changes.

Scope of Assessment

The Assessment Workbook is available from NOCN. Alternatively, centres may submit their own evidence.

Requirements	
Materials	Resources required to test the product and report findings.
Techniques	<p>May include:</p> <ul style="list-style-type: none"> • using computers, software and photographs. • using techniques relevant to product testing. • preparation of work area and materials. • using tools and equipment. • using Personal Protective Equipment (PPE). • cleaning and tidying work area after use.