

<b>Title:</b>	<b>Produce and Apply Complex Stencil Designs</b>
<b>Level:</b>	2
<b>Credit Value:</b>	2
<b>GLH</b>	20
<b>Unique Reference Number:</b>	J/618/0854
<b>Aim:</b>	The aim of this unit is to provide learners with the skills and knowledge to be able to interpret information required and produce stencilled features in accordance with instructions.
<b>Assessment</b>	Assessment of this unit will be through the completion of a NOCN devised practical task and associated knowledge questions (written or verbal). This unit is internally assessed and internally and externally quality assured using the NOCN assessment booklet to evidence all learning outcomes.
<b>Learning outcomes</b>	
<i>The learner will:</i>	
1.	Be able to interpret the information required in order to produce stencilled features.
<b>Delivery content:</b>	
The aim of this learning outcome is to provide learners with the skills and knowledge to be able to interpret the information necessary to produce stencilled features.	
The learner must:	
<ul style="list-style-type: none"> <li>• identify the <b>documentation</b> and the details contained within in order to be able to complete given tasks.</li> <li>• identify different types of <b>drawings</b> and their purpose.</li> <li>• interpret different types of <b>drawings</b> including <b>common scales</b> and symbols and hatchings.</li> <li>• read and apply measurements from the information correctly.</li> <li>• identify and report any inaccuracies with supplied information in accordance with organisational procedures.</li> <li>• use manufacturer's information to appropriately use resources.</li> </ul>	
2.	Be able to identify <b>tools, equipment</b> and <b>materials</b> required to produce stencilled features.
<b>Delivery content:</b>	
The aim of this learning outcome is to provide learners with the skills and knowledge to be able to identify and select the <b>tools, equipment</b> and <b>materials</b> required to produce stencilled features.	
The learner must:	
<ul style="list-style-type: none"> <li>• identify all <b>tools, equipment</b> and <b>materials</b> from the provided information and confirm it is correct for the given tasks.</li> <li>• report any discrepancies in accordance with organisational procedures.</li> <li>• carry out checks on all resources provided to ensure they are fit for purpose and free from defects.</li> <li>• report and replace any resources that do not meet requirements in accordance with organisational procedures.</li> </ul>	
3.	Be able to prepare work areas and materials in order to be able to produce stencilled features.

**Delivery content:**

The aim of this learning outcome is to provide learners with the skills and knowledge to be able to carry out preparations to produce stencilled features.

The learner must:

- review risk assessments to identify **hazards** and ensure relevant **protective equipment** is used correctly.
- identify any additional **hazards** present and ensure they are mitigated.
- report any issues and mitigating work carried out in accordance with organisational procedures.
- ensure the work area is cleared and ready to use with surrounding areas protected.
- carry out calculations to identify the correct quantities of **materials** required for the given tasks.
- select and prepare the **materials** that are needed to produce stencilled features.
- prepare surfaces for the production of stencilled features.
- ensure all tools and equipment are in place and set out, safely and logically in order to support effective completion of the tasks.

4. Be able to produce stencilled features.

**Delivery content:**

The aim of this learning outcome is to provide the learners with the skills and knowledge to be able to produce stencilled features in accordance with given tasks.

The learner must:

- produce stencil ready for use in accordance with specification.
- fix stencil accurately to specification in accordance with measurements.
- select suitable paint to apply appropriate colour scheme.
- use appropriate **methods** to apply a range of paints to different background surfaces to produce stencilled features.
- test wet and dry film thickness.
- apply **protection** to protect complete works from damage.

5. Be able to complete works following the production of stencilled features.

**Delivery content:**

The aim of this learning outcome is to provide the learners with the skills and knowledge to complete work.

The learner must:

- clean, inspect and store all **tools, equipment** and excess **materials** and store in accordance with manufacturers' guidance.
- report issues in accordance with organisational procedures
- clean the work area and dispose of all waste in accordance with legislative requirements, manufacturers' guidance and organisational procedures.
- leave the work area in a safe and clean condition, using collective protective measures as appropriate.
- complete all final paperwork as required and file correctly.

**Scope of Training**

The Scope of Training identifies areas that must be covered during the delivery of this unit. This is the minimum that is expected but tutors are expected to include other areas, knowledge of which will benefit their learners, based on location, types of work available and from the tutors own professional experience.

**Assessment:**

The Assessment Workbook is available from NOCN.

	<b>Requirements</b>		
<b>Documentation and sources of information</b>	Current legislation relating to health and safety Job specification	Risk assessments Manufacturer's guidance Method statements	
<b>Drawings</b>	2D and 3D drawings (including elevations)	Site and location plans BIM related models	
<b>Common scales</b>	To include: 1:5, 1:10, 1:20, 1:50, 1:100 and 1:500		
<b>Tools</b>	Pencil Stencil knife Stencil brushes Base materials: glass plate, proprietary cutting mat	Ruler / tape measure Craft knife Plate materials: treated paper, treated card, propriety stencil card	Chalk and line Palette
<b>Equipment</b>	Buckets Sweeping brushes Access equipment	Shovels Waste sacks	
<b>Materials</b>	Chalk Water-borne paints Drawing paper Mineral oil	Tape Acetate and films Linseed oil	Propriety spray adhesive Shellac knotting
<b>Personal protective equipment</b>	Steel toe-capped boots Gloves Goggles	Hard hat High-visibility clothing Barrier cream	Respiratory protection Hearing protection
<b>Collective protective equipment</b>	Signage Barriers	Sheeting	Local exhaust ventilation (LEV)
<b>Hazards</b>	Slips, trips and falls Working at height Confined spaces Dermatitis	Manual handling Hazardous substances Fire	Electrical equipment and leads Plant and equipment Cuts and abrasions
<b>Protection</b>	Signage Barriers Masking paper Masking shield Drop sheets Plastic / polythene sheeting	Tarpaulin Dust sheets (lightweight, protective backing, heavy duty)	Hessian Waste disposal / recycling Self-adhesive protection
<b>Processes</b>	Positive	Negative	
<b>Components to paint</b>	Panelled doors Dado rails	Windows Small wall panels	Narrow linear runs (i.e. architraves and skirting)

<b>Defects / faults</b>	Misses Undue texture Smudging Bittiness	Ropiness Creep Uneven weight of colour over repeats	Bits and nibs Paint lifting
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