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| Title: | Produce Decorative Lines and Bands |
| Level: | 2 |
| Credit Value: | 1 |
| GLH | 10 |
| Unique Reference Number: | Y/618/0857 |
| Aim: | The aim of this unit is to provide the learners with the skills and knowledge to be able to interpret information required and produce lines and bands in accordance with instructions. |
| Assessment | 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. |
| Learning outcomes | |
| <i>The learner will:</i> | |
| 1. | Be able to interpret the information required in order to produce lines and bands. |
| Delivery content: | |
| 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 lines and bands. | |
| The learner must: | |
| <ul style="list-style-type: none"> • identify the documentation and the details contained within in order to be able to complete given tasks. • identify and report any inaccuracies with supplied information in accordance with organisational procedures. • identify different types of drawings and their purpose. • interpret different types of drawings including common scales and symbols and hatchings. • read and apply measurements from the information correctly. • calculate the area of the surface to be painted. • use manufacturer's information to use resources appropriately. | |
| 2. | Be able to identify tools, equipment and materials required to produce lines and bands |
| Delivery content: | |
| The aim of this learning outcome is to provide learners with the skills and knowledge to be able to identify and select the tools, equipment and materials required to produce lines and bands. | |
| The learner must: | |
| <ul style="list-style-type: none"> • identify all tools, equipment and materials from the provided information and confirm that it is correct for the given tasks. • report any discrepancies in accordance with organisational procedures. • carry out checks on all resources provided to ensure they are fit for purpose and free from defects. • report and replace any that do not meet requirements in accordance with organisational procedures. | |

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| <p>3. Be able to prepare work areas and materials in order to be able to produce lines and bands.</p> |
| <p>Delivery content:</p> <p>The aim of this learning outcome is to provide learners with the skills and knowledge to be able to carry out preparations to produce lines and bands.</p> <p>The learner must:</p> <ul style="list-style-type: none"> • review risk assessments to identify hazards and ensure relevant protection equipment is used correctly. • identify any hazards present and ensure any present are mitigated. • report issues and mitigating work carried out in accordance with organisational procedures. • ensure the work area is cleared and ready to use paint products with surrounding areas protected. • ensure all tools and equipment are in place and set out, safely and logically in order to support effective completion of the tasks. • prepare surfaces for the production of lines and bands • 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 lines and bands. |
| <p>4. Be able to produce lines and bands.</p> |
| <p>Delivery content:</p> <p>The aim of this learning outcome is to provide the learners with the skills and knowledge to be able to produce lines and bands in accordance with given tasks.</p> <p>The learner must:</p> <ul style="list-style-type: none"> • select suitable paint to apply appropriate colour scheme in accordance with specification. • apply a range of paint types to different background surfaces and components using appropriate methods to produce lines and bands avoiding defects. • test wet and dry film thickness • apply protection to protect complete works from damage. |
| <p>5. Be able to complete works following the production of lines and bands.</p> |
| <p>Delivery content:</p> <p>The aim of this learning outcome is to provide the learners with the skills and knowledge to complete work.</p> <p>The learner must:</p> <ul style="list-style-type: none"> • 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.

| | Requirements | | |
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| Documentation and sources of information | Current legislation relating to health and safety Job specification | Risk assessments Manufacturer's guidance Method statements | |
| Drawings | 2D and 3D drawings (including elevations) | Site and location plans BIM related models | |
| Common scales | To include: 1:5, 1:10, 1:20, 1:50, 1:100 and 1:500 | | |
| Tools | Palette knives Palettes Kettles Plastic pots Check / tick roller Chalk line Mohair pad Tape measures Spirit levels | Brushes: mixing brushes, fitches dragging and sable brushes pencils and writers, varnish brushes Pencil Lining fitch Sash tool Laser level | |
| Equipment | Buckets Sweeping brushes Access equipment | Shovels Waste sacks | |
| Materials | Oil based paint, Solvent-borne paint | Water based paints Water | White spirit Tapes |
| Personal protective equipment | Steel toe-capped boots Gloves Goggles | Hard hat High-visibility clothing | Respiratory protection Hearing protection |
| Collective protective equipment | Signage Barriers | Sheeting | Local exhaust ventilation (LEV) |
| Hazards | 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 |
| Protection | Signage Barriers Masking paper Masking shield Drop sheets Tarpaulin | Plastic / polythene sheeting Dust sheets (lightweight, protective backing, heavy duty) | Hessian Waste disposal / recycling Barrier cream Self-adhesive protection |
| Defects / faults | Visible (misses, grinning, runs and sags, excessive brush marks and ropiness, fat edges and wet edge build up, paint on | Post application (retarded drying, cratering, bleeding, blooming, loss of gloss, fading, discolouration, yellowing, | |

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| | adjacent surfaces, roller edge marks, roller skid marks, irregular cutting in, orange peel, excessive bits and nibs, undue texture) | cracking / crazing, flaking and peeling) |
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