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| | Unit ID: 32 |
| Domain | BRICKLAYING |
| Title: | Plaster/render large areas of wall and ceiling |
| Level: 3 | Credits: 8 |

Purpose

This unit standard specifies the competencies required to plaster/render large areas of walls and ceilings. It includes the use of lining and dotting in rendering large areas of walls and ceilings, walls with engaged piers, returns and reveals. This unit standard is intended for those who work as bricklayers and plasterers.

Special Notes

1. Entry information

Prerequisite:

- Unit 3 - *Apply safety rules and regulations in bricklaying operations* or demonstrated equivalent knowledge and skills.

2. To demonstrate competence, at a minimum, requires evidence of using lining and dotting in rendering a 10m² area of wall with engaged piers, returns and reveals, and a 10m² of ceiling. Perform these tasks ensuring correct identification of requirements and finishing of the tasks, correct selection and use of appropriate processes, tools and equipment and completing all work to specification.
3. Assessment evidence may be collected from a real workplace or a simulated real workplace or an appropriate simulated realistic environment in which bricklaying operations are carried out.
4. All inspection, operation and maintenance procedures associated with the use of tools and equipment shall comply with manufacturers' guidelines and instructions.
5. '*Specifications*' refers to any, or all of the following: manufacturers' specifications and recommendations, site and workplace specific requirements.
6. Regulations and legislation relevant to this standard include the following:
 - Labour Act, No 6, 1992
 - Occupational Health and Safety Regulations No. 18 1997 and all subsequent amendments.

Quality Assurance Requirements

This unit standard and others within this subfield may be awarded by institutions which meet the accreditation requirements set by the Namibia Qualifications Authority and the Namibia Training Authority and which comply with the national assessment and moderation requirements. Details of specific accreditation requirements and the

national assessment arrangements are available from the Namibia Qualifications Authority and the Namibia Training Authority on www.nta.com.na

Elements and Performance Criteria

Element 1: Plan and prepare for work

Range

Planning and preparation is to include but is not limited to worksite inspection, equipment defect identification, assessment of conditions and hazards and determination of work requirements.

Tools and equipment are to include measuring tapes/rules, spirit levels, squares, trowels, floats, brushes, screed boards, straight edges, mortar boards and stands, shovels, wheelbarrows, hawks, joint rules, small tools, plumb bobs and mason's squares, buckets, sieves, power leads, hammers, wood saws, metal files, concrete mixers and scaffolding.

Rendering/plastering materials and components are to include corner beads, casing beads, render and setting coats mix composition (including additives, like plasticizers, colour and waterproofing agents), sand, lime, lime putty, plaster compounds and finish coats.

Performance Criteria

- 1.1 Work instructions, including plans, specifications, quality requirements and operational details are obtained, confirmed and applied.
- 1.2 Safety requirements are followed in accordance with safety plans and policies.
- 1.3 Sign and barricade requirements are identified and implemented.
- 1.4 Plant, tools and equipment selected to carry out tasks are consistent with the requirements of the job, checked for serviceability and any faults are rectified or reported prior to commencement.
- 1.5 Material quantity requirements are calculated in accordance with plans and/or specifications.
- 1.6 Materials appropriate to the work application are identified, obtained, prepared, safely handled and located ready for use.
- 1.7 Environmental protection requirements for the project are identified and applied in line with environmental plans and regulatory obligations.

Element 2: Render large straight wall area

Performance Criteria

- 2.1 Background surface is prepared.
- 2.2 Straight walls are set out and plumb using lining and dotting.
- 2.3 Plaster/render coats are applied to wall area.

2.4 Plastering/rendering coats are finished.

Element 3: Render large wall area with attached piers

Performance criteria

- 3.1 Background surface is prepared.
- 3.2 Straight wall are set out and align with attached piers using lining and dotting.
- 3.3 Plaster/render coats are applied to wall area.
- 3.4 Plastering/rendering coats are finished.

Element 4: Level, square and render large ceiling area

Performance Criteria

- 4.1 Background surface is prepared.
- 4.2 Ceiling area is levelled and squared using lining and dotting system.
- 4.3 Plaster/render coats are applied to ceiling.
- 4.4 Plastering/rendering coats are finished.

Element 5: Render returns and reveals

Performance Criteria

- 5.1 Background surface is prepared.
- 5.2 Plaster/render coats are applied.
- 5.3 Plastering/rendering coats are finished.

Element 6: Clean up

Performance Criteria

- 6.1 Work area is cleared and materials disposed of, reused or recycled in accordance with legislation, regulations and job specifications.
- 6.2 Plant, tools and equipment are cleaned, checked, maintained and stored in accordance with manufacturers' recommendations and standard work practices.

Registration Data

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| Date first registered: | 28 September 2006 |
| Date this version registered: | 28 September 2006 |
| Anticipated review: | 2010 |
| Body responsible for review: | Namibia Training Authority |