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| Domain | PLUMBING | Unit ID: 460 |
| Title: | Install gas supply system as part of plumbing operations | |
| Level: 3 | | Credits: 6 |

Purpose

This unit standard specifies the competencies required to install gas supply systems as part of plumbing operations. It includes the selection of materials and accessories, identifying hazards associated with handling gas and the correct procedures for installing gas supply systems.

This unit standard is intended for those who work as plumbers.

Special Notes

1. Entry information:
 - Prerequisites
 - 434 - *Apply safety rules and regulations in plumbing operations* or demonstrated equivalent knowledge and skills.
2. Performance of all elements in this unit standard must comply with all relevant workplace requirements and/or manufacturers' specifications.
3. Regulations and legislation relevant to this unit 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: Install and test piping

Performance Criteria

- 1.1 Installation method is selected to comply with manufacturers' instructions, standards and workplace requirements.
- 1.2 Pipe system is installed and jointed in accordance with design drawing or instructions and complies with workplace requirements.
- 1.3 System is tested in accordance with job requirements.
- 1.4 Leaks are located, repaired and the system retested.
- 1.5 System is purged of air in accordance with standards and job requirements.

Element 2: Clean up work area

Performance Criteria

- 2.1 Work is completed and appropriate personnel notified in line with workplace procedures.
- 2.2 Work area is cleared of waste, cleaned, restored and secured in line with workplace procedures.
- 2.3 Plant, tools and machines are cleaned, checked and maintained in line with workplace procedures.
- 2.4 Work completion details are finalised in line with workplace procedures.

Registration Data

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| Subfield: | General Construction |
| Date first registered: | 15 November 2007 |
| Date this version registered: | 15 November 2007 |
| Anticipated review: | 2010 |
| Body responsible for review: | Namibia Training Authority |