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| Domain | RIGGING | Unit ID: 983 |
| Title: | Apply and maintain safety in an electrical environment | |
| Level: 2 | | Credits:5 |

Purpose

This unit standard specifies the competencies required to apply and maintain safety in an electrical environment. It includes adhering to safety signs, regulations and procedures related to a working environment, caring for safety equipment, following appropriate safety procedures before, during and after job processes and reporting and recording safety irregularities according to worksite procedures. This unit standard is intended for those who work in lifting machine operations environment.

Special Notes

1. Entry information:
Prerequisite:
 - 937 - *Apply safety rules and regulations in lifting machine operations* or demonstrated equivalent knowledge and skills.
2. To demonstrate safe working practices the learner should be in possession of personal protective equipment which includes safety glasses, goggles, visors, safety gloves, gauntlets and helmets.
3. Assessment evidence may be collected from a real workplace, or an appropriate simulated realistic environment in which lifting machine operations are carried out.
4. All inspection, operation and maintenance procedures associated with the use of tools and equipment shall comply with manufacturers' specifications, guidelines and instructions.
5. Regulations and legislation relevant to this unit standard include the following:
 - Labour Act, No. 11, 2007
 - Regulations relating to the Health and Safety of employees at work, 1997 and all subsequent amendment.

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: Adhere to safety signs, regulations and procedures related to a working environment

Performance Criteria

- 1.1 Personal protective equipment is selected for a specific job.
- 1.2 Safety procedures are followed for a specific job.
- 1.3 Applicable statutory requirements are adhered to.
- 1.4 Safety signs and procedures are interpreted.
- 1.5 The consequences of incorrect usage of safety procedures and personal safety equipment are explained.

Element 2: Care for safety equipment

Performance Criteria

- 2.1 Safety equipment is examined for damage or faults in line with worksite procedures.
- 2.2 Faulty of safety equipment are reported and recorded in line with work site procedures.
- 2.3 Safety equipment is cleaned, cared for and stored safely in line with worksite procedures.
- 2.4 Procedures for dealing with damaged or faulty equipment are adhered to.
- 2.5 The importance of maintaining and carefully storing safety equipment is explained in terms of work site procedures.

Element 3: Follow appropriate safety procedures before, during and after job processes

Performance Criteria

- 3.1 Appropriate safety procedures are followed for the particular activity being undertaken according to worksite procedures.
- 3.2 The use of appropriate personal protective equipment is demonstrated during the activity.
- 3.3 Disposal of waste materials generated during the activity is demonstrated to meet environmental requirements.
- 3.4 Reasons for using specific safety procedures and personal protective equipment are explained in terms of work site procedures.

Element 4: Report and record safety irregularities according to worksite procedures

Performance Criteria

- 4.1 Unsafe conditions are recognised, recorded and reported in line with worksite procedures.
- 4.2 Dangers related to incorrect reporting are explained.
- 4.3 Suitable recommendations are made if necessary.

Registration Data

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| Subfield: | Lifting, Shifting and Secure Loads |
| Date first registered: | 27 September 2012 |
| Date this version registered: | 27 September 2012 |
| Anticipated review: | 2015 |
| Body responsible for review: | Namibia Training Authority |