

national assessment arrangements are available from the Namibia Qualifications Authority and the Namibia Training Authority. All approved unit standards, qualifications and national assessment arrangements are available on the Namibia Training Authority website www.nta.com.na.

Elements and Performance Criteria

Element 1: Demonstrate knowledge relating to the controlling of the carbon adsorption process

Performance Criteria

- 1.1 The occupational safety and health and risk management requirements are explained.
- 1.2 The importance of controlling the carbon adsorption process is described in terms of achieving specified production requirements.
- 1.3 The security requirements and emergency procedures pertaining to the carbon adsorption process are explained.
- 1.4 The communication requirements pertaining to the carbon adsorption process are described.
- 1.5 The process flow and interlock systems of the carbon adsorption process are described in terms of operational requirements.
- 1.6 The operating procedures, parameters and control methods of the carbon adsorption process are explained in terms of workplace and legislative requirements.
- 1.7 Corrective actions, in case of sub-standard conditions and problems be encountered, are described.

Element 2: Control the carbon adsorption process

Range

Inspections include but are not limited to the availability of personal protective equipment and safety equipment; the availability and use of tools and equipment; the condition of safety devices and adherence to safety requirements; the availability and utilisation of process equipment and consumables; the present status of the process; potential hazards and risks; and potential security risks or breaches.

Performance Criteria

- 2.1 Workplace hazards and associated risks towards self and others are identified, minimised or eliminated according to workplace procedures and legislative requirements.
- 2.2 The carbon adsorption process system is inspected according to workplace procedures.

- 2.3 The carbon adsorption process is monitored, controlled and optimised according to workplace procedures.
- 2.4 The safe and optimum production is maintained through effective communication.
- 2.5 Problems encountered are dealt with according to workplace procedures.
- 2.6 The operation of the carbon adsorption process is consistent with environmental protection requirements.

Element 3: Complete duties pertaining to the controlling of the carbon adsorption process

Performance Criteria

- 3.1 Good housekeeping practices are maintained according to workplace procedures.
- 3.2 Reporting and recording requirements are met according to workplace procedures.
- 3.3 Maintenance requirements are planned and execution monitored according to workplace procedures.
- 3.4 Work related documents are completed according to job requirements and workplace procedures.

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