

Domain	OCCUPATIONAL SAFETY AND HEALTH
Title:	Manage safety and health of high-risk operations in the workplace
Level: 5	Credits: 10

Purpose

This unit standard is intended for those who are required to manage safety and health of high-risk operations in the workplace. People credited with this unit standard will be able to identify and assess high-risk operations and implement and monitor risk control measures to reduce risk

This unit standard is intended for safety and health officers.

Special Notes

1. Entry information:

Pre-requisite:
 - *Unit ID 863 - Apply safety and health legal and other requirements in the workplace.*
 - *Unit ID 846 - Conduct hazard identification and risk assessment.*
2. Training of this unit standard must be conducted by a competent person as per legal requirements.
3. Training and assessment for this unit standard can be integrated with other relevant technical unit standards within the Occupational Safety and Health domain.
4. To demonstrate competence, at a minimum, integrated authentic and fit-to-purpose assessment must be carried out as a series of structured and documented, evidence gathering processes throughout the learning period. The learner's performance must be assessed through the use of a range of methods and culminates in a final summative assessment. Method of assessment may include but are not limited to – written or oral tests, simulation, reflections on self- peer group- and co-assessment, written reports, and work plans.
5. Assessment evidence may be collected from a real workplace or a simulated workplace in which there is a high degree of realism that replicates occupational safety and health setting.

6. Assessment of this unit standard must be carried out by a registered Assessment Practitioner with NTA.

7. Range

High risk operations may include but are not limited to working at heights, confined spaces, lifting operations, manual handling, hot work, scaffolding work, plant and machinery, stacking and storage, excavations, trenching, high pressure vessels, electrical installations, dangerous goods and hazardous substances.

8. Glossary of terms:

- *Safety* refers to an ongoing process whereby all risks are assessed, and appropriate action is taken to bring those risks to an acceptable level.
- *Health* refers to a state of complete physical, mental and social wellbeing, not merely the absence of disease or infirmity.
- *Risk* refers to a combination of the consequences of an event and the associated likelihood of occurrence.
- *Hazards* refers to an actual or potential cause or source of harm associated with but not limited to process, activities, environment, equipment, work organisation, facilities, and materials.
- *Standard Operating Procedure (SOP)* refers to a formal, documented process that provides clear, step-by-step instructions to ensure that high-risk tasks are performed safely, consistently, and in compliance with legal and regulatory standards, minimizing the risk of incidents, injuries, and operational failure.

9. All inspection, operation and maintenance procedures associated with the use of tools and equipment shall comply with statutory requirements and manufacturers' and/or company's guidelines and instructions.

10. Performance of all elements in this unit standard must comply with industry standards and workplace requirements.

11. Regulations and legislation relevant to this unit standard include the following:

- Labour Act, 2007 (Act No.11 of 2007)
- Government Notice No. 156 Labour Act 6 of 1992: "Regulations Relating to the Health and Safety of Employees at Work"
- National Occupational Safety and Health Policy (2021)

And any other applicable legislation amendments and/or promulgations.

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 on www.namqa.org and the Namibia Training Authority on www.nta.com.na.

Elements and Performance Criteria

Element 1: Identify and Assess High-Risk Operations

Performance Criteria

- 1.1 High risk operations in the workplace are identified in accordance with legal, industry specific, and international standard requirements.
- 1.2 Hazard identification and risk assessments are conducted as per organisational procedures.
- 1.3 Workers and stakeholders in risk assessment processes are involved.
- 1.4 High risk register is compiled and communicated to stakeholders.

Element 2: Implement and monitor risk control measures to reduce risk

Performance Criteria

- 2.1. Control measures are implemented based on the hierarchy of controls.
- 2.2. Control measures are documented and communicated to stakeholders.
- 2.3. Safety inspections and observations are conducted as per organisational procedures.
- 2.4. Compliance with SOPs, permits and safety plans are monitor.
- 2.5. Control measures are monitored and reviewed to ensure effectiveness.

Registration Data

Subfield:	Preventive Health
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Body responsible for review:	Namibia Training Authority