

MNQOP23A
Unit Descriptor
Unit Sector

Conduct haul truck operations

This unit covers the haulage of bulk material using trucks.

No sector assigned

ELEMENT	PERFORMANCE CRITERIA
1. Plan and Prepare for Operations	1.1 Safety rules and regulations, induction including site, legislation and site specific instructions are observed. 1.2 Basic geological and survey data required to complete the allocated task is received and applied in accordance to site requirements. 1.3 Briefings or handover details are received, interpreted and clarified in accordance with site requirements. 1.4 Pre-start checks are carried out in accordance with manufacturers' and/or site requirements. 1.5 Basic product knowledge and site layout, required to complete the associated task is received and applied.
2. Operate truck	2.1 Start-up, park-up, shutdown and communication procedures are carried out to manufacturers' and/or site requirements. 2.2 Emergency procedures are carried out in accordance with the manufacturers' and/or quarry procedures. 2.3 Safe operating practices, including operating controls, monitoring gauges and systems, conducting safety checks and use of two way radio for communication are carried out within manufacturers' and/or site specific requirements. 2.4 Truck is operated within vehicle limitations as specified by the manufacturer and/or site requirements. 2.5 Records are maintained in accordance with site requirements. 2.6 Operations are carried out in accordance with site quality plan. 2.7 Work is carried out in accordance with the agreed plan and outcomes and within the operating capacities/manufacturers specifications of the allocated equipment. 2.8 Operate water truck in firefighting emergency (if haul truck configured as a water cart).
3. Load, haul and dump material	3.1 Position truck under all types of loading equipment specific to the site and within site rules. 3.2 Loading and hauling operations are carried out with all types of materials in all weather conditions, by day and night, within safety requirements. 3.3 Dumping operations are carried out with regards to legislative/site requirements. 3.4 Work is completed in accordance with the agreed plan and outcomes and within the operating capacities of the equipment.

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| 4. Load, haul and distribute water (if haul truck configured as a water truck) | 4.1 Water is loaded at the water point, hauled and distributed within site requirements.
4.2 Work is completed in accordance with the agreed plan and outcomes and within the operating capacities of the equipment.
4.3 Fire truck/emergencies are adhered to. |
| 5. Carry out basic operator maintenance | 5.1 Inspection and fault finding are carried out in accordance with manufacturers' and/or site requirements.
5.2 Routine operational servicing, lubrication and housekeeping tasks are carried out to manufacturers' and/or site requirements.
5.3 Minor maintenance is carried out to manufacturers' and/or site requirements.
5.4 Operator support is provided during preparation for and conduct of major maintenance tasks in accordance with site requirements, if required.
5.5 Records are maintained in accordance with site requirements.
5.6 Vehicle washing is carried out to manufacturers' and/or site requirements. |

KEY COMPETENCIES

Key Competency	Performance Level
Communicating ideas and information	1
Collecting analysing and organising information	1
Planning and organising activities	1
Working with others and in teams	1
Using mathematical ideas and techniques	1
Solving problems	1
Using technology	1

RANGE STATEMENT

Briefings/handover details may include but are not limited to:

- vehicle type
- defects
- nature and scope of task
- haul routes
- potential hazards
- adequacy of lighting machine and site - all plant, all work areas

Legislative/regulative adherence shall include but is not limited to:

- Occupational Health and Safety
- Duty of Care
- Environmental
- Mines Department/Extractive Industries

Safe operating procedures may include but are not limited to:

- Observing site speed limits
- Working safely around overhead powerlines
- Working safely around other machines and personnel
- Live stockpiles

Emergency situations may include but are not limited to:

- Dismantling of powerlines
- Placement of haul truck in a safe isolated area in line with regulations
- Dismantling conveyors
- Overhead hook-ups
- Lightning strikes - potential tyre explosion
- Tyre fires - isolation procedures

Truck types may vary:

- Water Truck

Loading Equipment may include but is not limited to:

- shovels
- front end loaders
- excavators
- bins
- stand pipe
- water tower
- water pump
- conveyor belts
- dragline

Materials may be but are not limited to:

- stone
- overburden
- rejects
- topsoil
- gravel
- road base
- sand
- wet burden
- water
- rubbish

Dumping may be but is not limited to:

- overburden dumps
- reject dumps
- live stockpiles
- hopper
- bunkers
- rehabilitation dumps
- topsoil dumps
- road construction

Water Distribution may include but is not limited to:

- gravity feed or pumping

Communications may include but is not limited to:

- two-way radio
- reporting defects to appropriate department/personnel

EVIDENCE GUIDE

Context

Competency must be assessed in the normal or simulated work within the bounds of safety and in accordance with the approved dig and loading procedures.

Assessment shall include those aspects of the Core Competencies that are consistent with the work environment of this Unit.

Guidelines will be in line with statutory requirements, enterprise specific policies and procedures and codes of practice.

Critical Aspects and Evidence

It is essential that competence is fully observed in the critical aspects of:

- Operational safety compliance with Occupational Health and Safety, Environmental, Legislation/Regulation and organisational policies and procedures
- Interpreting and communicating operational information
- Start-up, park-up, shut-down, walk around inspection procedures
- Smooth and safe operating
- Operator Maintenance
- Safe loading procedures
- Hauling procedures
- Dumping procedures
- Emergency procedures
- Quality requirements
- Towing procedures
- Material placement
- Reporting procedures
- The ability to transfer the competency to changing circumstances is identified from demonstration of the required response.
- Response to emergency situations and actions.

Underpinning Knowledge and Skills**Knowledge**

A knowledge of:

- Site and equipment safety requirement
- Equipment characteristics, technical capabilities and limitations
- Operational and maintenance procedures
- Basic geological and technical data

Skills

The ability to:

- Apply eye-hand co-ordination
- Access, interpret and apply technical information
- Maintain equipment records
- Use relevant hand tools
- Apply basic diagnostic techniques
- Work wearing personal protective equipment
- Work at heights
- Work in confined spaces
- Operate haul truck in accordance with site/manufacturer's specifications

Resource Implications

The resources available will be specific to this competency, the individual employer and the particular worksite as required to comply to the other elements of this unit.

Interdependence of Units

- Pre-requisites - Unit MNQ.OP/01.A of Operator
- Interrelationship of Units - this unit may need to be applied in conjunction with units MNQ.OP/01.A, MNQ.OP/02.A, MNQ.OP/03.A, MNQ.OP/04.A, MNQ.OP/05.A, MNQ.OP/08.A, MNQ.OP/09.A, MNQ.OP/10.A, MNQ.OP/12.A, MNQ.OP/13.A, MNQ.OP/14.A, MNQ.OP/28.A, MNQ.OP/29.A

Consistency of Performance

Competency in this unit needs to be assessed over a period of time to ensure consistency of performance in a range of environments, using a range of assessment instruments.