



Impala Platinum

SCRAPER WINCHES LEADING PRACTICE

BACKGROUND, STATUS AND UPCOMING ACTIVITIES

MOSH Transport & Machinery Team | 31 July 2026

MOSH Day of Learning on Scraper Winches & RBE | Silverstar Casino, Muldersdrift



Scraper Winches – Leading Practice Timeline



Scraper Winches Leading Practice Development



Company Winches SOPs

Harmony MI : Managerial Instruction
Operation of Scraper Winches
Harmony Group

NAME	DESIGNATION	SIGNATURE AND DATE
REVIEWED BY: P. MCHENGETI	GROUP HEALTH AND SAFETY MANAGER	
APPROVED BY: R. MARI	GROUP ENGINEER SA OPERATIONS	
APPROVED BY: J. MURRAY	REGIONAL GENERAL MANAGER	
APPROVED BY: P. TOSIAS	CHIEF OPERATING OFFICER	
AUTHORISED BY: S. NEL	CHIEF OPERATING OFFICER	

This is a general Managerial Instruction which addresses regulatory requirements depicted under the Mine Safety and Health Act (MSHA) of 1993 which is applicable to the health and safety of the mine. It is a general Managerial Instruction which addresses regulatory requirements depicted under the Mine Safety and Health Act (MSHA) of 1993 which is applicable to the health and safety of the mine. It is a general Managerial Instruction which addresses regulatory requirements depicted under the Mine Safety and Health Act (MSHA) of 1993 which is applicable to the health and safety of the mine.

NORTHAM
ZONDEREINDE

STANDARD PROCEDURE
SP 059

SCRAPER WINCH INSTALLATION AND RIGGING

IMPALA RUSTENBURG

WINCH MANAGEMENT STANDARD

DOC NO: 2118
VERSION: 002
PUBLISHED DATE: 24 July 2023
IMPLEMENTATION DATE: 24 August 2023
NEXT REVIEW DATE: 24 July 2028

AngloAmerican

MODIKWA PLATINUM MINE
OPERATIONAL STANDARD
MODIKWA PLATINUM MINE
Winches Management
Version 1.0
LAST REVISION DATE: 07 Dec 2024
IMPLEMENTATION DATE: 07 Dec 2024
FIRST IMPLEMENTATION DATE: 2013-10-30
REFERENCE NUMBER: MOD.ALL.MIN.SYS
OLD REFERENCE: MOD.ALL.MIN.SYS

General Manager
REPUBLIC OF SOUTH AFRICA
REGION: RUSTENBURG NORTH WEST

NOTICE OF ORDERS OR INSTRUCTIONS IN TERMS OF SECTIONS 54(1)(a) OF THE MINE HEALTH AND SAFETY ACT, 1996 (ACT No. 29 OF 1996), AS AMENDED

A. DETAILS OF THE EMPLOYER:

NAME OF MINE:	Northam Zondereinde
Employer:	Mr. T. Ntuli and CEO
Shift/State:	No. 1 shift
Working place:	AB
Date:	07 December 2024

B. LIST THE DANGEROUS OCCURRENCES/PRACTICE/CONDITIONS OBSERVED:

1. Inadequate winch standard and operating procedure and risk assessment:

- Scraper winch installation procedure not followed (point 3.12)
- ASG which used whilst the centre gully which was not in operation
- Winches were operated whilst persons were in the line of scraper path.
- Winches were not stopped whilst the centre gully which was not operational.
- Procedure and risk assessment silent on where persons should be positioned during scraping operation.

2. Substandard winches and rigging practices:

- Poor housekeeping at the winches, access into the winch cubby obstructed, and excessive accumulation of dust in the shaft between winch.
- Poor installation of winches (shaft winch installed 90° with the ASG/Shaft).
- Winch signalling system installed only on one side of the scraper path.
- Shaft winch slider lock damaged
- Cross rigging not installed.
- Employee standing in the scraper path whilst winches are in motion.
- Poor communication between operators.

Compendium Development

2.2.4 Ripping Behind ASG Face on Rig Chain

MAXIMUM 1.5m APART

RETURN S/BLOCK AND RETURN S/BLOCK MAX 2m APART

SIDE VIEW

When Ripping Behind ASG Face on Rig Chain, the rig chain must be used as a return block. In case the two return blocks are installed simultaneously, not even to overlap.

200mm RETURN SNATCHBLOCK AND SAFETY S/BLOCK MAXIMUM 2m APART.

COBRA HEAD ROPE EYE BOLT 450mm

Note: Before Scraping On The Drilling Shift, Always Rig Behind The RDO's Manifold To Prevent Hoses And Scraper Rope Attachments From Friction

Figure 10: Rigging Behind Face in Raise / Winze During Development

2.2.7 IMPALA RIGGING - STOPS RIG AND PILOT HOLES - Discuss with the task team

2.2.8 IMPALA RIGGING - 6M PANEL - discuss with the task team

2.3 Electrical installation

- Before being connected to electrical power supply, each scraper winch installation shall be inspected by the engineering department according to an approved checklist.
- Electrical cables must be suspended on a straining wire.
- The routing of the electrical cables must be such that they are not less than 150mm from any timber.
- Electrical cables must be adequately protected from blasting operations.

Convert Compendium into Leading Practice

MOSH MINING INDUSTRY OCCUPATIONAL SAFETY & HEALTH

MOSH LEARNING HUB

SCRAPER WINCHES
Leading Practice Adoption Guide

MINERALS COUNCIL SOUTH AFRICA

Scraper Winches – Leading Practice Timeline



SECTION A: CONTEXT

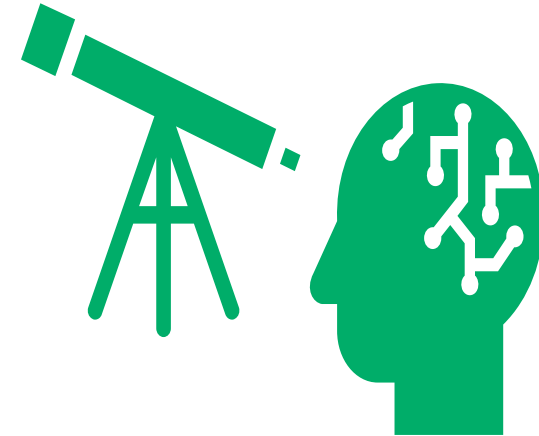


Objective

Applicability

Introduction

Legal Context



SECTION B: DETAILED ADOPTION GUIDANCE



SECTION C: TECHNICAL DETAILS



**PART 1:
PLANNING**

**PART 2:
SITE REQUIREMENTS**

**PART 3:
TRANSPORTATION &
INSTALLATION OF
ACCESSORIES**

**PART 4:
AUTHORITY TO
OPERATE**

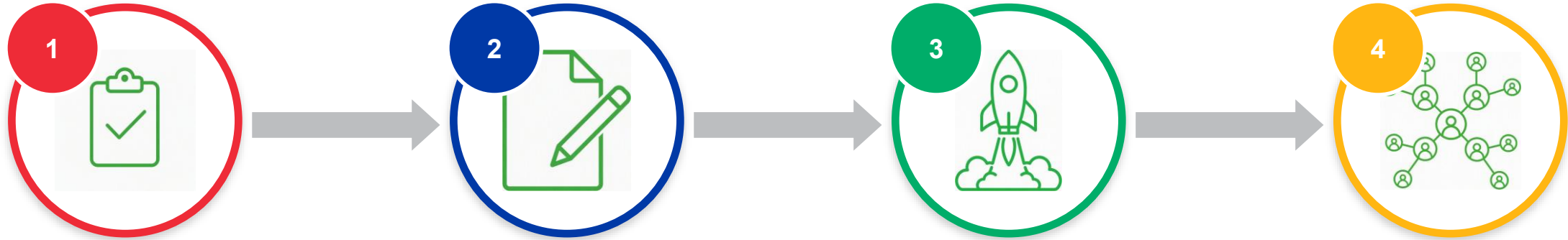
**PART 5:
PHYSICAL STATE TO
OPERATE**

**PART 6:
OPERATIONAL
COMPLIANCE**

**PART 7:
OPERATING
PROCEDURE**

**PART 8:
ADDITIONAL
MEASURES/
TECHNOLOGIES**

Next Steps...



2nd Half 2026

Demonstrate the
Leading Practice at
a volunteer mine

2nd Half 2026

Refine the Leading
Practice Adoption
Guide from practical
application

1st Half 2027

Launch the Leading
Practice

**2027 &
beyond**

Facilitate
widespread
adoption of the
Leading Practice



Anglo American Platinum – Dishaba Mine

www.mosh.co.za/transport-and-machinery/

Thank you

#MiningMatters

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