

1. TITLE PAGE

Portershoek Quarry

Mandatory Code of Practice

On the

Prevention of Fires at Mines

This Code of Practice was drawn up in accordance with the guidelines from the Department of Mineral Resources; reference number DMR 16/3/2/4-B1 issued by the Chief Inspector of Mines;

Mine COP Ref. No. PQ/15/2021

Originator	Occ Hygienist / Manager	Distribution	Mine Manager, Health and Safety Committee
Revision No	1	DMR Mine Code	13505
Guideline Effective Date	28 February 2017	Date Revised	7 February 2024
Mine Implementation Date	11 February 2021	Next Revision Date	February 2027


Approved:



Manager

7/2/2024
Date

Approved:



Occupational Hygienist

7 February 2023
Date

Approved:



Employee Representative

7/2/2024
Date

SECTION 2 - TABLE OF CONTENTS



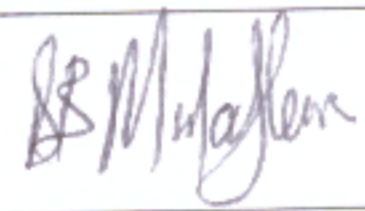
NO GE NO	CONTENT	PA
1	TITLE PAGE	1
2	TABLE OF CONTENTS	2
3	STATUS OF COP	3
4	MEMBERS OF DRAFTING COMMITTEE	3
5	GENERAL INFORMATION	3
6	TERMS AND DEFINITIONS	5
7	RISK MANAGEMENT	7
8	ASPECTS TO BE ADDRESSED IN THE COP	11
8.1	Fire and Risk Management	11
8.1.1.1	Fire hazard - fuel sources	13
8.1.1.2	Fire hazard - ignition sources	14
8.1.1.3	Fire hazard identification process	14
8.1.2	Assessment of fire risks	15
8.2	Fire prevention controls	18
8.3	Purchasing procedures	30
8.4	Inspections	30
8.5	Awareness training for prevention	31
8.6	Fire prevention and emergency response	37
8.7	Effective means of monitoring and communicating the possible presence of a fire	38
PART D -	IMPLEMENTATION	39
2	COMPLIANCE WITH COP	40
3	ACCESS TO COP AND RELATED DOCUMENTS	40
4	AMENDMENTS TO COP	41

3. STATUS OF COP

- 3.1 This Mandatory COP has been drawn up in accordance with the Guideline with the DMR: Reference Number DMR 16/3/2/4-B1 issued by the Chief Inspector of Mines;
- 3.2 This is a mandatory COP in terms of section 9(2) and 9(3) of the MHSA;
- 3.3 This COP may be used in accident investigation/inquiry to ascertain compliance and also to establish whether the COP is effective and fit for purpose;
- 3.4 The COP supersedes all previous relevant COPs on prevention of fires at mines;
- 3.5 All managerial instructions, recommended procedures (voluntary COPs) and standards on the relevant topics must comply with the COP and must be reviewed to ensure compliance - Review when:
 - 1. Processes are changed (e.g. change in procedures, mining, mining methods, plant, equipment or material, mining and ventilation layouts);
 - 2. Other events warranting review occurs (i.e. new technological data and new regulatory initiatives)

4. Members of the Drafting committee

- 4.1 Management consulted with the Mine Health and Safety Committee on the preparation and implementation of this COP in terms of Section 9(4) of the Mine Health and Safety Act. Management will also consult with the Mine Health and Safety Committee on any revision of this COP
- 4.2 The following committee was appointed responsible for the drafting of the COP, after consultation with the Mine Health and Safety committee: See Annexure 1 for Drafting Committee appointments and Annexure 2 for minutes of approval.

Names	Designation	Affiliation	Experience	Signature
Stephanus Johannes Strauss	Registered Occupational Hygienist (SAIOH)/ROSPProf	SAIOH, IQSA, IOSM	51 years	
Frans Smith	Mine Manager		1 year	
Daniel Makashane	Health & Safety Representative		1 years	

5. General Information

5.1 Description of the mine

Portershoek Quarry is a sediment rock (some decomposed sandstone and dolerite layers) producing surface operation. Mining is conducted through crushing and screening.