



Resources Safety & Health
Queensland

ZERO SERIOUS HARM

Resources Safety & Health Queensland

Mackay Office

P.O. Box 1801, Mackay, QLD 4740

Phone: 07 4999 8512, Fax: 07 49998519

Substandard Condition or Practice

Issued By: Fritz Djukic, Senior Inspector of Mines (Occupational Hygiene)

Subject: Personal Protective
Equipment

Mine ID: MI04148

Mine Name: Vulcan Mine

Operator: Vulcan Mine Management Pty
Ltd

Activity: Subject Audit or Specific
System Audit

Activity Date: 15/11/2021

Record Date: 14/12/2021

MRE Item No.: 1

Title: Fit testing of Respiratory and Hearing Protective Equipment

Description of Action Required to be Taken:

The SSE is required to develop and implement a program for fit testing of respiratory protective equipment and hearing protection devices. This program should cover CMWs required to wear these devices to reduce exposure to be within acceptable levels.

The due date of this SCP refers to the time to develop an action plan to complete the fit testing.

References:

CMSHR sec 065, RS20, AS1715, AS1270

Risk to a person resulting from a hazard at the mine must be within acceptable limits at all times.

Reasonable Time for Compliance - Due Date: 04/02/2022

Completed: Not Completed

Substandard Condition or Practice

Issued By: Fritz Djukic, Senior Inspector of Mines (Occupational Hygiene)

Subject: Risk Management

Mine ID: MI04148

Mine Name: Vulcan Mine

Operator: Vulcan Mine Management Pty Ltd

Activity: Subject Audit or Specific System Audit

Activity Date: 15/11/2021

Record Date: 14/12/2021

MRE Item No.: 2

Title: Health Risk Assessment (HRA)

Description of Action Required to be Taken:

The mine is required to undertake a health risk assessment. This process must be overseen by a competent person (eg. COH) and consider physical, chemical and biological exposure risks that may impact health and safety of coal mine workers.

The HRA must be integrated into the mines SHMS.

The due date for this SCP refers to the time required to provide evidence that a competent person (ie. COH) has been engaged to undertake the HRA.

References:

CMSHA and CMSHR

Risk to a person resulting from a hazard at the mine must be within acceptable limits at all times.

Reasonable Time for Compliance - Due Date: 28/01/2022

Completed: Not Completed



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Substandard Condition or Practice

Issued By: Fritz Djukic, Senior Inspector of Mines (Occupational Hygiene)

Subject: Dust Control

Mine ID: MI04148

Mine Name: Vulcan Mine

Operator: Vulcan Mine Management Pty Ltd

Activity: Subject Audit or Specific System Audit

Activity Date: 15/11/2021

Record Date: 14/12/2021

MRE Item No.: 3

Title: Mobile Equipment Cabin Pressurisation and Filtration

Description of Action Required to be Taken:

Develop/ review/update relevant documents within the mines SHMS and in procurement specifications, to ensure the design criteria and performance of pressurisation and filtration media applied to operator cabins on HME is clearly specified and aligned to requirements of RS20.

This should also include operational check procedures and scheduled maintenance routines to ensure the design specifications and performance is regularly monitored and maintained in accordance with RS20.

References:

CMSHR, RS20

Risk to a person resulting from a hazard at the mine must be within acceptable limits at all times.

Reasonable Time for Compliance - Due Date: 11/02/2022

Completed: Not Completed



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Substandard Condition or Practice

Issued By: Fritz Djukic, Senior Inspector of Mines (Occupational Hygiene)

Subject: Safety and Health
Management System

Mine ID: MI04148

Mine Name: Vulcan Mine

Operator: Vulcan Mine Management Pty
Ltd

Activity: Subject Audit or Specific
System Audit

Activity Date: 15/11/2021

Record Date: 14/12/2021

MRE Item No.: 4

Title: Review SOP Dust and Hot Works Permit.

Description of Action Required to be Taken:

1.) Dust management - Review VUL-SOP-089-Dust by conducting a gap analysis against Recognised Standard 20. Particular attention should be provided to the sections for the filtration and pressurisation of heavy mobile equipment. Develop an action plan for implementation. Provide training to coal mine workers as required.

2.) Hot Works - Review VUL-FRM-19-05-Hot Works Permit. Currently there is no reference to exposure control to welding fume, metals or gases. As a minimum this must consider ventilation and RPE requirements.

References:

CMSHA, CMSHR and RS20

Risk to a person resulting from a hazard at the mine must be within acceptable limits at all times.

Reasonable Time for Compliance - Due Date: 18/02/2022

Completed: Not Completed