

Cooney, Joanne

From: Maunder, Elysse
Sent: Tuesday, 12 November 2019 8:36 AM
To: Grosvenor Mine Record
Subject: FW: Completed Mining incident report No. 143389 (30 - High potential no lost time [nmsf: 35])

Categories: Red Category

Elysse Maunder
 Health and Safety Coordinator



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 A member of the Anglo American plc group

From: MIRAdministration@dnrme.qld.gov.au <MIRAdministration@dnrme.qld.gov.au>
Sent: Tuesday, 12 November 2019 8:35 AM
To: MIRAdministration@dnrme.qld.gov.au; mirmackay@dnrm.qld.gov.au; Maunder, Elysse <Elysse.Maunder@angloamerican.com.au>
Subject: Completed Mining incident report No. 143389 (30 - High potential no lost time [nmsf: 35])

This message originated outside Anglo American

Type of incident

Incident report number: 143389

Recipients: elysse.maunder@angloamerican.com.au and MIRAdministration@dnrme.qld.gov.au

1 **Incident type:** 30 - High potential no lost time [nmsf: 35]

2 **Summary/title of incident**

Methane in Excess of 2.5% - LW103

Incident Classification:

Code: 114 - Presence of gas [nmsf: 3827]

Breakdown:

Code: Other and unspecified agencies [nmsf: 2844]

Sub-Breakdown:

Code: Other and not specified agencies [nmsf: 2890]

Breakdown Class:

Code: Other agencies, not elsewhere classified [nmsf: 3188]

Detailed Classification:

Code: Other agencies, not elsewhere classified [nmsf: 3766]

Compensation ID: 999999

Mechanism: Code: Chemicals and other substances [nmsf: 2790]
Sub-Mechanism: Code: Other and unspecified contact with chemical or substance [nmsf: 2825]
3 Previously notified: Yes
Date: 19/10/2019

Mine details

4 Mine/quarry name: Grosvenor Coal Mine **Code:** M02976 **Old Code:**
5 Mine type: coalUnderground
6 Company contact: Kate Bachmann
Phone: [REDACTED]
7 Where in the mine did the incident occur? LW103 **Code:** 501 - Coal face-1st workings [nmsf: 27]
Surface or underground? underground

Incident details

8 Date of incident: 19/10/2019
9 Time of incident: 16 32 (24 hr clock)
10 Time shift started: 09 30
Shift duration: 12 00
No. of complete shifts/day worked prior to accident: 3
No. of days in shift cycle: 14
No. of days rostered off prior to starting current shift cycle: 7
Total hrs worked in 24 hr period prior to accident, inc travel time: 12
Travel Time: 00 00
Rostered Travel Time: 00 00
Roster Pattern: 7/7
11 Date of first full working day lost:
12 Primary equipment/tool involved in incident: Shearer **Code:** 111 - Longwall shearer [nmsf: 3881]
13 Describe exactly how did the incident occur:

A non-prescribed legislative HPI occurred on the 19th of October at 16:32. The shearer on the LW103 face was producing to the TG (cutting bi-directional), at 4:30pm whilst the shearer was at #140 roof support, the inbye methane monitor in the TG roadway (located approximately 320 metres outbye of the face) reached the CH₄ threshold (2.2%) and stopped shearer haulage (as per the TARP). The inbye methane monitor however continued to increase, peaking at 2.67% at 04:32pm. The methane levels at the outbye monitor were 2.5% or greater for approximately 3 minutes. The barometer at the time of the methane exceedance was at the lowest point for the day (984hPa), this period was the lowest barometric pressure for the previous 13 weeks.

14 What hazards have been identified from this incident:

elevated methane

Code: 112 - Flammable liquids/gases

Injured person details

15-21 Questions 15 through 22 not required for 'High potential no lost time' incidents
23 Description of personal damage:

Is this a permanent incapacity?

Incident causes

24 What happened leading up to the injury/incident/disease?

Organisational

Gas make (SGE) greater than expected in excess of system capacity Controls in place not sufficient to react fast enough with change in barometric pressure

Codes 120 - Org. factor (not specified)

Task/environment conditions

Shearer control system did not react fast enough or have suitable buffers in place to prevent the unwanted event from occurring

Codes 321 - Other task/environment factor

Individual/team actions

Nil

Codes 222 - No ind./team factor involved

Absent or failed defences

Nil

Codes 422 - No absent/failed defence factor involved

Preventative action

25 Give details of any control measures/actions being considered and/or implemented to prevent recurrences

Implement a reduction of the ceiling setting from 1.9 to 1.6, until review of barometric pressure influence on T/G gas make Review relationship between the rate of change during the main to tail cut run and develop a dynamic set point for 115 stop.

Date: 12/11/2019

Your full name: Elysse Maunder

Position: H&S Coordinator

Email: elysse.maunder@...

Office use

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Inspector/inspection officer: _____

Signed: _____

Entered by: _____

User agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/78.0.3904.97 Safari/537.36

Email address: elysse.maunder [REDACTED]

Submitted Date/Time: 12/11/2019 08:18:02

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