

Cooney, Joanne

From: Maunder, Elysse
Sent: Tuesday, 5 May 2020 4:56 PM
To: Grosvenor Mine Record
Subject: FW: Completed Mining incident report No. 144718 (30 - High potential no lost time [nmsf: 35])

Categories: Red Category

Please add to the mine record

Elysse Maunder
 Health and Safety Coordinator



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COAL
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 A member of the Anglo American plc group

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From: MIRAdministration@dnrme.qld.gov.au <MIRAdministration@dnrme.qld.gov.au>
Sent: Tuesday, 5 May 2020 4:43 PM
To: MIRAdministration@dnrme.qld.gov.au; mirmackay@dnrm.qld.gov.au; Maunder, Elysse <Elysse.Maunder@angloamerican.com.au>
Subject: Completed Mining incident report No. 144718 (30 - High potential no lost time [nmsf: 35])

This message originated outside Anglo American

Type of incident

Incident report number: 144718

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% - LW104 04/04/2020

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: 04/04/2020

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? LW104

Code: 503 - Coal face-2nd workings [nmsf: 27]

Surface or underground? underground

Incident details

8 Date of incident: 04/04/2020

9 Time of incident: 02 22 (24 hr clock)

10 Time shift started: 20 00

Shift duration: 12 00

No. of complete shifts/day worked prior to accident: 6

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: Longwall
Shearer

Code: 111 - Longwall shearer [nmsf: 3881]

13 Describe exactly how did the incident occur:

On 04 April in LW104, at 01:05 the shearer was cutting from TG to MG when the shearer lost power due the section 243A (shield 149) sensor reaching 2% methane. At 02:09 the shearer restarted following the methane reducing to 1.9%. Due to a cavity located between shields 146 and 148 the shearer was relocated to shield 127 and the TG shields were brought in to assist with cavity management. At 02:22am the goaf stream flushed over the tailgate drive resulting in a peak reading of 2.97% methane at the section 243A (shield 149).

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 No Longwall Ventilation Set Up Work Order for the new sensor installation location

Codes 107 - Maintenance management

Task/environment conditions

Ventilation arrangements for TG drive area not adequate to dilute a change in goaf stream

Codes 321 - Other task/environment factor

Individual/team actions

Nil

Codes 221 - Other ind./team factor

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

Review the long term sustainability of the S.243A sensor under roof support #149 in consultation with DNMRE Conduct trial of alternate Ventilation configurations in TG area and report to LW team upon completion Update GRO-4801-STD-Longwall Standard Area Management System based on Report from trial Ventilation arrangements from Vent and Gas Super Review and update the frictional ignition work order to include the inspection of the brattice and venturis located with TG drive area

Date: 05/05/2020

Your full name: Elysse Maunder

Position: Health and Safety Coordinator

Email: elysse.maunder@...

Office use

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Inspector/inspection officer: _____

Signed: _____

Entered by: _____

User IP address: 172.18.4.56

User agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/81.0.4044.129 Safari/537.36

Email address: elysse.maunder [REDACTED]

Submitted Date/Time: 05/05/2020 16:28:01

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