

Cooney, Joanne

From: Penrose, Alisha
Sent: Wednesday, 15 April 2020 11:56 AM
To: Grosvenor Mine Record
Subject: FW: Completed Mining incident report No. 144515 (30 - High potential no lost time [nmsf: 35])
Categories: Red Category

For saving to mine record.

Thanks Jo!

Regards

Alisha Penrose, alisha.penrose@dnrm.qld.gov.au M [REDACTED]

From: MIRAdministration@dnrme.qld.gov.au <MIRAdministration@dnrme.qld.gov.au>
Sent: Wednesday, April 15, 2020 11:47 AM
To: MIRAdministration@dnrme.qld.gov.au; mirmackay@dnrm.qld.gov.au; Penrose, Alisha
 <Alisha.Penrose@dnrme.qld.gov.au>
Subject: Completed Mining incident report No. 144515 (30 - High potential no lost time [nmsf: 35])

This message originated outside Anglo American

Type of incident

Incident report number: 144515

Recipients: alisha.penrose@dnrme.qld.gov.au and MIRAdministration@dnrme.qld.gov.au

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

- 2 **Summary/title of incident**
 CH4 exceedance LW104

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: Heat, electricity and other environmental factors [nmsf: 2789]
Sub-Mechanism:	Code: Exposure to other and unspecified environmental factors [nmsf: 2821]

- 3 **Previously notified:** Yes
Date: 23/03/2020

Mine details

- 4 Mine/quarry name Grosvenor Coal Mine Code: M02976 Old Code:
- 5 Mine type: coalUnderground
- 6 Company contact: Wouter Niehaus
Phone: [REDACTED]
- 7 Where in the mine did the incident occur? LW104 TG Code: 503 - Coal face-2nd workings [nmsf: 27]
Surface or underground? underground

Incident details

- 8 Date of incident: 23/03/2020
- 9 Time of incident: 06 33 (24 hr clock)
- 10 Time shift started: 06 00
Shift duration: 12 00
No. of complete shifts/day worked prior to accident: 7
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 15
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:
Shearer stopped at #70 due to tailgate gas level from 05:31am. LW 104 OB #37 3-4ct sensor reached 2.5% at 06:33am with a peak of 2.55% at 06:56am. No shields movements occurred during the incident. GMS11 GR04V002A 23/03/2020 06:33 running normally. Underground inspections found a loss of ventilation in LW104 TG 39ct and an increase flow & gas concentration in LW104 TG C hdg. The conclusion was that the double doors in 40ct had failed due to a potential goaf fall pressure and allowed 6-8m³/s to leak through the goaf. LW104 TG OB sensor #37 exceeded 2.5% due to a portion of C hdg ventilation quantity being drawn through the TG goaf fringe via 40ct.
- 14 What hazards have been identified from this incident:
A failure of the ventilation network resulted in high purity gas from the goaf entering the ventilation of C hdg via 40ct.
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 | Codes 121 - Other org. factor

Citect alarm system faulted with no alarm of the failure to a server. IMT process has no formal document to underpin the system of action allocation and acknowledgement

Task/environment conditions

Codes 321 - Other task/environment factor

P seam gas drainage not completed to proposed strategy to allow LW104 unconstrained production from gas delays. Lateral hole drilling experiencing numerous delays when drilling through fault planes.

Individual/team actions

Codes 222 - No ind./team factor involved

Nil

Absent or failed defences

Codes 422 - No absent/failed defence factor involved

nil

Preventative action

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

P seam drainage strategy for each LW block to design & complete prior to LW production phase. Investigate Citect alarm & messaging system failure and implement controls to prevent a re-occurrence. Document the IMT process currently used onsite for acknowledgement of action allocation & understanding. Investigate modifications to the goaf skid flame arrestor to allow the current fleet to be maintained whilst remaining in service. Ventilation network for LW tailgates to assess for risk of failure when using dual return roadways. Amend the gas drainage TARP to add guidance for high flow goaf hole maintenance practices.

Date: 15/04/2020

Your full name: Alisha Penrose

Position: Health & Safety Officer

Email: [alisha.penrose](mailto:alisha.penrose@...)

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; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/80.0.3987.163 Safari/537.36

Email address: [alisha.penrose](mailto:alisha.penrose@...)

Submitted Date/Time: 15/04/2020 11:40:20

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