

## DONALDSON Beryl

**From:** Christiansen Rebecca  
**Sent:** Monday, 14 February 2011 8:54 AM  
**To:** Wright Chloe  
**Subject:** FW: Mining incident report No. 87685 (High potential no lost time)

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Thanks and kind regards,

Rebecca Christiansen  
Administration Officer  
Operational Support Unit, Central Region, Mines

**Department of Employment, Economic Development & Innovation**  
Level 5, 34 East Street Rockhampton Qld 4700  
PO Box 548 Rockhampton Qld 4700  
t: +61 7 4938 4334 (Qnet 84334)  
f: +61 7 4938 4331  
e: [rebecca.christiansen@deedi.qld.gov.au](mailto:rebecca.christiansen@deedi.qld.gov.au)

**Business Information Centre** 13 25 23  
[www.deedi.qld.gov.au](http://www.deedi.qld.gov.au)

---

**From:** s.73 Irrelevant information  
**Sent:** Monday, 14 February 2011 8:54 AM  
**To:** Callinan Graham; Christiansen Rebecca; mineadministration; SH-DME LotusNotes\_minesform5a\_Relay  
**Cc:** s.73 Irrelevant information  
**Subject:** Mining incident report No. 87685 (High potential no lost time)

### Type of incident

Incident report number: 87685

This report was sent to: [graham.callinan@dme.qld.gov.au](mailto:graham.callinan@dme.qld.gov.au) and [rebecca.robinson@dme.qld.gov.au](mailto:rebecca.robinson@dme.qld.gov.au)

1 Incident type: High potential no lost time

2 Summary/title of incident

Unplanned movement- Heavy vehicle interaction

Code: 111

3 Previously notified: Yes

Date: 10-01-2011

### Mine details

3 Mine/quarry name: CALLIDE (Rocky)

Code: CALL

4 Mine type: coalSurface ()

5 Company contact: s.73 Irrelevant information

Phone: Irrelevant information

6 Where in the mine did the incident occur? Strip 29 at Boundary Hill

Code:110

Surface or underground? surface

**Incident details**

7 Date of incident: 10-01-2011

8 Time of incident: 14 00 (24 hr clock)

9 Time shift started: 06 30

Shift duration: 12 00

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

No. of days in shift cycle:1

No. of days rostered off prior to starting current shift cycle: 4

Tot hrs worked in 24 hr period prior to accident, inc travel time:8

10 Date of first full working day lost: --

11 Primary equipment/tool involved in incident: Hitachi EH4500 rear dump truck

Code:033

12 Describe exactly how did the incident occur:

Driving towards the 08 shovel with a truck Interaction between 2 trucks (collision) 2 Trucks collided with one another

13 What hazards have been identified from this incident:

Radio communication on circuit Truck slowing on ramp due to congestion Lapse from operator

Code:224

**Injured person details**

14-21 Questions 14 through 21 not required for 'High potential no lost time' incidents

22 Description of personal damage:

Leg bruised from incident

Is this a permanent incapacity?No

**Incident causes**

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

*Organisational*

Codes 100

UHF radio communication signal strength contributed

*Task/environment conditions*

Codes 322

Not applicable

*Individual/team actions*

Codes 202

A lapse from operator meant he wasn't aware the other truck was in front

*Absent or failed defenses*

Codes 422

Not applicable

**Preventative action**

24 Give details of any control measures/actions being considered and/or implemented to prevent reoccurrences

New collision avoidance technology being researched Radio coverage being investigated Lapse from operator to be investigated

Date: 14-02-2011

Your full name: s.73 Irrelevant information

Position: Safety and health Coordinator

Email: s.73 Irrelevant information

**Office use**

--	--	--	--	--	--	--	--	--	--

---

---

---

---

Inspector/Inspection officer: \_\_\_\_\_

Signed: \_\_\_\_\_

Entered by: \_\_\_\_\_

RTI DL RELEASE - DNRIM



Mine Name	File No.	Operator	Activity Type	Region	Activity Date
Callide Mine	1709	Anglo Coal (Callide Management) Pty Ltd		Central	11/01/2011

Vision: Our Industries Free of Safety and Health Incidents

## Mine Record Entry

*This report forms part of the Mine Record under s68 of the Coal Mining Safety and Health Act 1999. It must be placed in the Mine Record and displayed on Safety Notice Boards.*

The purpose of this MRE is to advise that Acting SSE<sup>73</sup> Irrelevant information has provided a response to the s. 169 Directive issued yesterday. The response is in the form of two commitments, that is:-

1. In the short term the SSE or his representative will urgently advise the Inspectorate of any HPI and
2. Within 1 month will conduct a full review of the incident response, reporting and investigation processes

I consider that Action No.1 is appropriate to ensure an acceptable level of risk for the short term and therefore the s.169 Directive is closed out and operations may resume.

To provide for Action No.2 and the longer term I now issue a "Directive to reduce risk" pursuant to s.166 of CMS&H Act with a requirement for completion by 8 February 2011.

<u>Number</u>	<u>Directive</u>	<u>Due Date</u>
1	Pursuant to section 166 of the Coal Mining Safety and Health Act 1999 <b>Incident Reporting &amp; Investigation</b>	16/02/2011
Within 1 month the SSE will conduct a full review of the incident response, reporting and investigation processes to ensure that adequate provision is made to ensure compliance with statutory reporting requirements.		

**Please provide a written status report on each Directive together with the actions taken to address each item by their due dates**

**Mike Walker**  
Inspector of Mines  
Central Region



Our Vision: 'Our Industries Free of Safety and Health Incidents'

<b>Mine Record Entry Items Requiring Corrective Action</b>					
Mine/Quarry	File #	Operator	Activity Type	Region	Activity Date
Callide Mine	1709	Anglo Coal (Callide Management) Pty Ltd	Compliance Action	Central	11/01/2011
<b>Complete this form where indicated and return it to Mike Walker, Inspector of Mines, Central Region.</b>					
<b>NB: See the associated entry in the Mine Record for specific details of Immediate Actions Required.</b>					
MRE Item No.	MRE Item Requiring Corrective Action		Due Date	Completed	Date
1	DIR-	Incident Reporting & Investigation	16/02/2011	<input type="checkbox"/>	__/__/__
Action Taken By Mine					
<b>Appropriate corrective and preventative measures have been implemented to a standard whereby risk associated with each identified item is within acceptable limits.</b>					
..... s.73 Irrelevant information <b>Site Senior Executive</b>			____/____/____ <b>Date</b>		

RTI DL RELEASE - DRAFT

Mike Walker  
DEEDI – Mines Department  
PO Box 548  
ROCKHAMPTON  
QLD 4700

16<sup>th</sup> February 2011

Dear Mike

**Re: Directive issued 11/01/2011 - Incident Reporting and Investigation**

Callide Mine has conducted a review of the Incident Reporting & Investigation process used at the operation and with respect to the directive issued on the 11/01/2011.

*"The SSE must review the adequacy of that part of the Safety & Health Management System concerning the management of incidents, identify the appropriate corrective actions that are required to ensure compliance with reporting requirements and implement those corrective actions."*

Below is a list of findings from the review conducted for the Incident Reporting Process (IRP) and in conjunction with a review of the site Emergency Management Plan (EMP).

1. IRP states that the SSHR is required to be notified for any injury / illness or HPI. The EMP did not cover this in its duty card notifications.

Action taken: The IRP has been updated to reflect the notification to the SSHR for all MTC and LTI or HPI. The EMP has been updated to align with the IRP for the notification of any MTC and LTI or HPI.

2. Roles and Responsibilities in the IRP details that the Safety and Health Manager must ensure all external reporting requirements are carried out within designated timeframes. The EMP details this is a requirement of the SSE or delegate.

Action taken: The IRP has been updated to ensure the SSE or delegate has this responsibility.

3. EMP flowchart details that notification to the DME, ISHR, SSHR is to be completed immediately. IRP details that HPI's are to be notified to the DME and ISHR immediately in the "action column" but the "timing column" states ASAP

Action taken: The "timing column" of the IRP has been updated to align with the "action column" of the IRP and the EMP to read "immediately". A definition of "immediately" has been placed into the definitions section of both the EMP and IRP.

..!2..

**Member of the Anglo American plc group**

Anglo Coal (Callide Management) Pty Ltd.  
Coal Road, Biloela 4715, Australia. PO Box 144, Biloela 4715, Australia T +61 (0)7 4990 1611. F +61 (0)7 4990 1687.

ABN 75 009 665 200

4. The IRP checklist for MTC and LTI requires the SSHR to be notified by the Superintendent.

Action taken: The IRP has been updated so that the SHE Manager or delegate ensures that the SSHR is notified of any MTC or LTI.

Following the incident on the 10/01/2011, the systems were again tested and found to be timely on the 22/01/11.

If you have any further questions regarding this response, please do not hesitate to call me at the contact details listed below.

Yours sincerely

s.73 Irrelevant information

General Manager/SSE – Callide Mine

s.73 Irrelevant information

[www.angloamerican.com.au](http://www.angloamerican.com.au)

RTI DL RELEASE - DNRM



Vision: Our Industries Free of Safety and Health Incidents

<b>Substandard Systems, Conditions and Practices Identified and Directives Issued</b>					
<b>Mine/Quarry Name</b> Callide Mine	<b>File #</b> 1709	<b>Operator</b> Anglo Coal (Callide Management) Pty Ltd	<b>Activity Type</b> Compliance Action	<b>Region</b> Central	<b>Activity Date</b> 11/01/2011

(Complete this form where indicated and return it to Mike Walker, Inspector of Mines, Central.  
 See the associated entry in the Mine Record for specific details of Immediate Actions Required.)

MRE Num.	Immediate Action Required	Due Date	Completed ✓	Date
1	DIR- Incident Reporting & Investigation	16/02/2011	<input type="checkbox"/>	___/___/___
-	-		<input type="checkbox"/>	___/___/___
-	-		<input type="checkbox"/>	___/___/___
-	-		<input type="checkbox"/>	___/___/___
-	-		<input type="checkbox"/>	___/___/___
-	-		<input type="checkbox"/>	___/___/___

The necessary corrective and preventative measures have been undertaken to a standard whereby risk associated with each identified item is within acceptable limits.

.. s.73 Irrelevant information

Site Senior Executive

16/2/11  
 Date





Mine Name	File No.	Operator	Activity Type	Region	Activity Date
Callide Mine	1709	Anglo Coal (Callide Management) Pty Ltd		Central	11/01/2011

Vision: Our Industries Free of Safety and Health Incidents

## Mine Record Entry

***This report forms part of the Mine Record under s68 of the Coal Mining Safety and Health Act 1999. It must be placed in the Mine Record and displayed on Safety Notice Boards.***

The purpose of this MRE is to provide a record of my verbal directive to Acting SSEs.73 Irrelevant information given on 10/1/11 at about 4.30pm pursuant to the CMS&H Act s.169, to suspend operations at the mine for an ineffective safety and Health Management System.

***169. Directive to suspend operations for ineffective safety and health management system***  
***If an inspector believes there is not an effective safety and health management system for a coal mine or part of a coal mine, the inspector may give a directive suspending operations in all or part of the mine.***

### Background:

An accident/High Potential Incident occurred yesterday, 10 January 2011 at about 2pm, in the Boundary Hill section of the mine. One Hitachi Rear Dump Truck ran into the rear of another similar truck resulting in significant damage to the truck cabin and the operator being pinned by the legs and unable to exit the vehicle. The operator was subsequently extricated from the vehicle and although it was reported that there did not appear to be significant injury, was airlifted to Rockhampton Hospital for thorough examination at about 4.30pm.

At about 4pm the Mines Inspectorate in Rockhampton became aware of the incident due to it's having been reported in the media. At 4.08pm I contacted SSEs.73 Irrelevant information who provided basic information about the incident. He advised that he was in Rockhampton and that s.73 Irrelevant information was in fact the acting SSE and undertook to phone Callide Mine and have someone phone me. That did not occur however at about 4.18pm s.73 Irrelevant information reported the incident to Inspector Bill Taylor. Inspector Taylor will inspect the incident site today 11/1/11 and will make enquiry as to what provisions are made in the mines Safety Management System with respect to the management of incidents and in particular the reporting of High Potential Incidents in compliance with the relevant legislation ie. CMS&H Act s.198:-

### ***198. Notice of accidents, incidents, deaths or diseases***

***(1) Subject to subsections (2) and (3), as soon as practicable after becoming aware of a serious accident, high potential incident or a death at a coal mine, the site senior executive for the coal mine must notify an inspector and an industry safety and health representative about the accident, incident or death either orally or by notice.***

***(2) Subsection (3) applies to—***

***(a) a serious accident at a coal mine resulting in a person receiving—***

- (i) a bodily injury endangering, or likely to endanger, the person's life; or
  - (ii) an injury causing, or likely to cause, a permanent injury to the person's health; or
  - (b) a high potential incident at a coal mine of a type prescribed under a regulation; or
  - (c) a death at a coal mine, whether or not caused by an accident at the coal mine.
- (3) The site senior executive must, as soon as possible after becoming aware of the accident, incident or death, by notice or orally notify an inspector and an industry safety and health representative about the accident, incident or death in terms that include the information (the primary information) stated in subsection (3A).

**Directive:**

The directive was given as I believe the Safety and Health Management System is ineffective as it failed to ensure that this accident/High Potential Incident was reported to an Inspector as required by s.198 of the CMS&H Act, that is "as soon as possible". To close out the directive and thereby resume operations at the mine the SSE must review the adequacy of that part of the Safety & Health Management System concerning the management of incidents, identify the appropriate corrective actions that are required to ensure compliance with reporting requirements and implement those corrective actions.

<u>Number</u>	<u>Directive</u>	<u>Due Date</u>
1	Pursuant to section 169 of the Coal Mining Safety and Health Act 1999 <b>Suspend Operations due to Ineffective S&amp;HMS</b>	12/01/2011
The SSE must review the adequacy of that part of the Safety & Health Management System concerning the management of incidents, identify the appropriate corrective actions that are required to ensure compliance with reporting requirements and implement those corrective actions.		

***Please provide a written status report on each Directive together with the actions taken to address each item by their due dates***

Mike Walker  
Inspector of Mines  
Central Region



Our Vision: 'Our Industries Free of Safety and Health Incidents'

<b>Mine Record Entry Items Requiring Corrective Action</b>					
Mine/Quarry	File #	Operator	Activity Type	Region	Activity Date
Callide Mine	1709	Anglo Coal (Callide Management) Pty Ltd	Compliance Action	Central	11/01/2011
<b>Complete this form where indicated and return it to Mike Walker, Inspector of Mines, Central Region.</b>					
<b>NB: See the associated entry in the Mine Record for specific details of Immediate Actions Required.</b>					
MRE Item No.	MRE Item Requiring Corrective Action		Due Date	Completed	Date
1	DIR-	Suspend Operations due to Ineffective S&HMS	12/01/2011	<input type="checkbox"/>	__/__/__
Action Taken By Mine					
<b>Appropriate corrective and preventative measures have been implemented to a standard whereby risk associated with each identified item is within acceptable limits.</b>					
..... s.73 Irrelevant information <b>Site Senior Executive</b>			____/____/____ <b>Date</b>		

RTI DL RELEASE - DRAFT