
From: POYNTER Kevin [mailto:Kevin.Poynter@dnrm.qld.gov.au]
Sent: Friday, 10 January 2014 12:06 PM
To: Mitford, Gary (Oak Creek - Coal)
Subject: RE: OCN Management Structure

Gary one more question. Can you send me a copy of the JSA undertaken by the Leckies.

Kevin

From: Gary.Mitford@glencore.com.au [mailto:Gary.Mitford@glencore.com.au]
Sent: Tuesday, 7 January 2014 1:26 PM
To: POYNTER Kevin
Subject: RE: OCN Management Structure

Kevin,

The ICAM is nearing completion with draft actions:

- Conduct feasibility studies for incorporation of a collision avoidance and proximity detection systems on Oaky North graders involving both internal & external stakeholders i.e. site, other sites, OEM's, mines inspectorate...
- Develop a standard for storage of equipment and managing planned and unplanned obstructions / restrictions in trafficable roadways.
- Develop a LW services c/t standard.
- Review SOP0076OCN Using Mobile Plant Including Mine Transport Rules (in progress).
- Review WI0188OCN and Risk Assessment for operation of grader to include:
 - Communication protocols for grader operational zone/s to all affected underground personnel;
 - Managing known or likely pedestrian activities within grader operational zone/s;
 - Managing roadway restrictions / obstructions.
- All involved personnel to undergo and be assessed competent for:
 - hazard identification.
 - SOP0076OCN Using Mobile Plant Including Mine Transport Rules
 - MOP0892OCN Operational No Go Zones.
 - Safecoal Rule 4 No go zones;
 - Safecoal Rule 9 Positive communication.

I'll forward a copy after completion of our internal review process.

Gary Mitford
SSE & Operations Manager
Oak Creek Coal - Oaky North Mine
A GLENCORE company

Telephone: +61 7 4984 7100

Direct: +61 7 (6) Personal information

Mob: +61 7 (6) Personal information

Fax: +61 7 4984 7160

Email: Gary.Mitford@glencore.com.au

From: POYNTER Kevin [mailto:Kevin.Poynter@dnrm.qld.gov.au]
Sent: Monday, 6 January 2014 11:34 AM
To: Mitford, Gary (Oak Creek - Coal)
Subject: RE: OCN Management Structure

Thanks Gary. Hows the ICAM coming on and what ae the recommendations likely to be???

Kevin

From: Gary.Mitford@glencore.com.au [mailto:Gary.Mitford@glencore.com.au]
Sent: Monday, 6 January 2014 11:25 AM
To: POYNTER Kevin
Subject: RE: OCN Management Structure

Kevin,

Please see attached safety alert for the grader incident.

Gary Mitford
SSE & Operations Manager
Oak Creek Coal - Oaky North Mine
A GLENCORE company

Telephone: +61 7 4984 7100

Direct: +61 7 4984 7100 (6) Personal information

Mobile: +61 7 4984 7100 (6) Personal information

Fax: +61 7 4984 7160

Email: Gary.Mitford@glencore.com.au

From: POYNTER Kevin [mailto:Kevin.Poynter@dnrm.qld.gov.au]
Sent: Monday, 6 January 2014 10:08 AM
To: Mitford, Gary (Oak Creek - Coal)
Subject: RE: OCN Management Structure

Hi Gary happy new year. Did oak do an alert for the Grader incident? If so can I have a copy

Thanks

From: Gary.Mitford@glencore.com.au [mailto:Gary.Mitford@glencore.com.au]
Sent: Monday, 6 January 2014 7:28 AM
To: POYNTER Kevin
Cc: Ronald.McKenna@glencore.com.au; Jon.Noble@glencore.com.au; Channon.Sheppard-C@glencore.com.au
Subject: OCN Management Structure

Kevin,

Attached is the latest Oaky North management structure reports.

Gary Mitford
SSE & Operations Manager
Oak Creek Coal - Oaky North Mine
A GLENCORE company

Telephone: +61 7 4984 7100

Direct: +61 7 4984 7100 (6) Personal information

Mobile: +61 7 4984 7100 (6) Personal information

Fax: +61 7 4984 7160

Email: Gary.Mitford@glencore.com.au

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Mine Name	File No.	Operator	Activity Type	Region	Activity Date
Oaky North Mine	20496	Glencore Coal Queensland Pty Limited	Inspection	Central	18/12/2013

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.

Note that inspection or audit activities conducted by the Mines Inspectorate are based upon sample techniques. It remains the primary responsibility of Mine Personnel to identify hazards, and risks associated with Operations and ensure those risks are at an acceptable level.

Site Safety & Health Reps Consulted: Geoff Bradshaw

Today I attended the Oaky Creek North Coal Mine for the purpose of undertaking an inspection of the mine. I was accompanied on my visit by Mr Stewart Bell (Commissioner for Mine Safety) and Mr Andrew Clough (Chief Inspector of Coal Mines)

We were met by Underground Mine Manager Mr Ron McKenna . Mr Geoff Bradshaw (SSHR) and Mr Scott Dobbie (Production Manager), Mark Thompson (Technical Services Manager and Gary Mitford (Senior Site Executive).

Prior to commencing the underground inspection Gary Mitford presented the preliminary investigation information on the accident that occurred the previous day when an Electrician was struck by a Grader wheel and suffered fractures to his leg at Longwall 403 Maingate 12 Crosscut.

Commissioner Bell advised that this type of accident enforces the need to consider the requirement for Proximity Detection on equipment where there is interaction with people. A discussion on the merits was had and the mine agreed that it would look at this as part of the investigation along with other controls such as flashing lights on slow moving equipment and improved communication, road works and barrier controls

Mr Clough raised the issue of variable speed drive motors on the new shuttle cars and discussed issues that have been identified with the use of variable speed drives on mining equipment in use at underground mines. The New South Wales Inspectorate has recently distributed a Safety Bulletin, titled Electrical hazards associated with variable speed drives and earth fault current limited systems. Mr Gary Mitford was not conversant with this but undertook to raise this with the EEM and would advise what had been done with respect to the recommendations and the extent of any issues.

Mr Bell and Mr Clough undertook a mine induction and myself and Gary Mitford discussed the matters raised in my previous MRE

1. Review shift changeover process: Mine has developed standard Agenda with prompts to

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remind persons of subjects to be covered

2. The SSE is to review the requirements of the role of Control room operator: Review still in process. Some changes have been completed

3. Ensure adequate resources are allocated for the management of road dust: Three road salters are now available in the mine with adequate supplies of salt available

4. Frequency of monitoring for each contaminant in the underground mine atmosphere: Action still to be completed.

5. Where heat and humidity conditions exist extra potable drinking water: Actioned

6. I request that the mine provide for me a copy of the Longwall move plan with respect to ventilation and DPM management: Provided

7. That the SSE undertake a full review of the risk assessment for Entrapment: Review completed and Draft SOP written. Final consultation to be completed prior to implementation

8. The SSE and UMM to review the current practice where hazard and incident forms do not have any copy remaining in the workplace: The SSE advises that these forms have been in use for some time and are also used at the other Glencore Mines. The SSE sees no reason to change

9. Jugonaught Loader and FBL 40 Loader Bypass switch: Communication to workforce complete

Underground Visit.

We were accompanied during our underground visit by Gary Mitford(SSE), Mark Thompson (Technical Services Manager), Scott Dobbie(Production Superintendant), Geoff Bradshaw (SSHR) and driver Mark Hodge.

We travelled to Longwall 403. On arrival at the Crib station set up it was noted that it was poorly organised. When asked to show where the SOPs were sited it took some searching to finally locate some of the SOPs. A discussion took place on having a standard set up for every crib room so that critical information is posted and stored in the same way at each station. The SSE agreed to undertake this action and to establish the "The ideal Crib Room set up"

Kevin Poynter observed the phone hanging on the rib. This was secured by webbing strap with a hook over a fibreglass roof bolt plate. Kevin Poynter pointed out that in the event of an explosion underground that this arrangement would likely fail. Given that communication would play an important part of the emergency response in such an event that consideration be given to determining a better way of securing communication systems in the mine with a view to the survival of the equipment post event

We travelled to the conveyor road through the pump station. I observed an electrical cable socket end without a plug in. This was replaced. I also noted that the emergency pull cable on the conveyor was poorly installed in that the spare cable had been spooled around the termination box and had created some restriction on the action of the cord. Mark Thompson tested the cord and stopped the belt. While it still operated it was with some difficulty to activate the stop and its agreed to review the arrangements

We travelled down the longwall face to the tail gate. The face was standing well with no major structural issues. The walkway was clear and passable. The wall was stood and the coal mine workers were replacing the sprocket on the chain conveyor. The goaf stream gases were measured and the following levels of gas were detected

CH4 1.65%

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CO2 2.0%
CO 4 ppm
O2 19.80%

Prior to leaving the longwall 403 a number of non compliant lifting devices were found. Two Come-alongs were found to have an out of date compliance tag and 5 devices were found to have defective safety catches on them. Supervisors/ERZ controllers are reminded that these should be checked as part of their inspection regime as part of ensuring that equipment in the panels are safe for use. It is also an obligation on each and every coal mine worker to ensure the equipment they are using is in safe condition and fit for purpose. The above mentioned devices were removed from service

We travelled to LW 404 Maingate and walked to the face. We observed rib failures on the right hand side of the C heading. These were described as a "Greasy Back" and had left a lip of material hung up on the roof. As advised by the Mine deputy the place was effectively wider than planned and extra support was being planned. Actions being undertaken appeared to be appropriate.

I discussed the process that was planned for determining that the gas had been drained to the appropriate level prior to commencement of extraction. I advised that given the geological structures in this area that the core test holes need to be closed to ensure no pockets of gas remain

We exited 404 and on the way out of the area I observed each of the crosscut from the primary escapeway (Travel road) and the secondary escapeway (Conveyor road) had equipment and material stored in them in a way that blocked access to the mandoor in the separation stopping. I advised that this wasn't acceptable and that access needed to be maintained. The SSE should determine a standard for storage to ensure access is maintained.

Travelling out from the mine through East Mains 27 c/t the double doors on the separation stopping were open and Coal mine workers were working in the area. Mark Thompson and Scott Dobbie spoke to the coal mine workers and shut the doors. All coal mine workers are reminded of the importance of the separation doors and their responsibility to ensure they remain shut so as to meet the requirements of legislation and provide a primary escapeway for the workers inbye

In general terms the roadways were found to be in good condition and stone dust appeared adequate. In a later presentation of stone dust programme we were told that the last round of stone dust samples the mine had 19 failures out of 286 samples

<u>Number</u>	<u>Substandard Condition or Practice</u>	<u>Due Date</u>
1	Access to Secondary Escapeway	31/01/2014

Ensure each crosscut retains an access way to the mandoor and establish a procedure to ensure access is maintained

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

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Kevin Poynter
Inspector of Mines
Central Region

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Mine Record Entry Items Requiring Corrective Action					
Mine/Quarry	File #	Operator	Activity Type	Region	Activity Date
Oaky North Mine	20496	Xstrata Coal Queensland Pty Ltd	Inspection	Central	18/12/2013
Complete this form where indicated and return it to Kevin Poynter, Inspector of Mines, Central Region.					
NB: See the associated entry in the Mine Record for specific details of Immediate Actions Required.					
MRE Item No.	MRE Item Requiring Corrective Action		Due Date	Completed	Date
1	SCP	Access to Secondary Escapeway	31/01/2014	<input type="checkbox"/>	__/__/__
Action Taken By Mine					
Appropriate corrective and preventative measures have been implemented to a standard whereby risk associated with each identified item is within acceptable limits.					
..... Gary Mitford Site Senior Executive		____/____/____ Date			

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

Mine Record Entry Items Requiring Corrective Action					
Mine/Quarry	File #	Operator	Activity Type	Region	Activity Date
Oaky North Mine	20496	Xstrata Coal Queensland Pty Ltd	Inspection	Central	10/04/2014
Complete this form where indicated and return it to Kevin Poynter, Inspector of Mines, Central Region.					
NB: See the associated entry in the Mine Record for specific details of Immediate Actions Required.					
MRE Item No.	MRE Item Requiring Corrective Action	Due Date	Completed	Date	
1	SCP Escapeway Signage	30/04/2014	<input checked="" type="checkbox"/>	2/5/2014	
Action Taken By Mine		Escapeway signage protocols were reviewed: Primary - green background, white writing; Secondary - yellow background, black writing. Signage installation in LW308 was reviewed and corrected (Safesafe action 117372) - signed off 2/5/2014			
2	DIR Self escape	30/04/2014	<input checked="" type="checkbox"/>	24/4/2014	
Action Taken By Mine		We have reviewed our E protocols and note the following: We educate our workforce to walk on the flattest part of the roadway with only the leader close to the infrastructure. The logic is that there is a continuous structure without interruption across c/ts, FRL & ERS stations are justified by a combination of signage, droppers, guideline/cones and wind chimes.			
Appropriate corrective and preventative measures have been implemented to a standard whereby risk associated with each identified item is within acceptable limits.					
sch4p4(6) Personal information Gary Mitford/ Site Senior Executive		15/5/2014 Date			

Access through cut throughs has been reviewed for consideration of a clear passage for pedestrians and changed to incorporate a 3m clear zone at door opening areas.