



Mine Name	Mine ID	Operator	Activity Type	Activity Date
Moranbah North	MI00750	Anglo Coal (Moranbah North Management) Pty Ltd	Site Meeting	09/03/2021

# Mine Record Entry

## Executive Summary

### Mine Record Entry Detail

Today 9 March 2021, I Paul Brown Inspector of Mines attended Moranbah North Mine for the purpose of a site meeting to review the mines progress in relation to dealing with the current Directive given 21 February 2021, the Directive was given for a suspension of re-entry into the Moranbah North mine until such time as the SSE can demonstrate an acceptable level of risk.

On arrival at site I was met by s.73 Irrelevant Longwall Superintendent who was tasked to provide me with an update of the re-entry Risk Assessment and associated document reviews.

During the meeting I met briefly with SSE s.73 Irrelevant info to discuss the purpose of todays site visit and plan to return to site tomorrow 10/03/21 to conduct an inspection of surface Inertisation infrastructure.

Mr s.73 Irre and I spent a number of hours reviewing the draft risk assessment, I acknowledged the version was updated to 8/03/21. I provided a number of comments to Mr s.73 Irre for the site to consider. In brief some of those comments were:

- An Inspector would be part of the re-entry team due to the Longwall faceline effectively quarantined due to the magnitude of the HPI event 20/02/21. This inspection will require UPEE system applied i.e. Camera and portable gas monitoring to be carried and used where it is safe to do so. SSE is asked to consider training of the Mines Inspector on site portable gas detectors for use during the re-entry process. Need to consider if the site training scheme can accommodate this.
- I recommended that if not already done to develop a plan of what real time gas monitoring has shutdown and what has been maintained.
- I recommended any PHMPs requiring review to first revisit the Broad Brush Risk Assessment (BBRA) for the site and update as required.
- Reference of Technical Experts / Consultants reports are required for the re-entry risk assessment.
- In section 4 of the current risk assessment being developed, I raised the question if the identified hazard of trades persons being exposed to an oxygen deficient atmosphere could occur, if so how and why could this occur. Question also raised is this hazard present for all CMWs. Recommended this to be revisited by risk assessment team to provide further transparency within the document.
- Consider the currency of tube bundle integrity testing for the re-entry process.

- Goaf well spontaneous combustion TARP review. We discussed the effectiveness of the current TARP based on the known timeline for the withdrawal on 20/02/21. The risk assessment team is recommended to consider how the monitoring system functions, its limitations and the Factor of Safety when the systems limitations is either met and or exceeded.

We discussed the current list of SHMS documents identified so far by the risk assessment that require review, it is further acknowledged that a number of these documents will require amendments. We identified key documents that could be unchanged between now and when the Response to the Directive is received, I requested to be provided the following documents as soon as they are available:

1. 15816-GOAF\_INERTISATION\_PLAN\_080321
2. LW605 - Borehole Monitoring and Injection plan 20210306
3. MNM - LW605 Gas Monitoring - 210308
4. Reports or documented opinions of any Technical Experts that provide advice to the SSE in relation to the reentry of the mine.

I thanked Mr s.73 Inre for his assistance provided today.

**Paul Brown**  
**Lead Investigator**  
**Inspector of Mines**

Released by RSHQ  
RTI Act 2009