

OCE Statutory Shift Reports

Presented by Cres Bulger (Inspector Of Mines)

Observations made by the inspectorate

Reports compiled by more than 1 OCE

- Some larger mines use 2 OCE's on the same shift to carry out inspections of the mine, and sometimes unable to tell what actual part of the mine each OCE inspected due to 2 signatures to the entire OCE report (not auditable). Needs to clear what areas each OCE inspected and reported on.

Issues with Reports

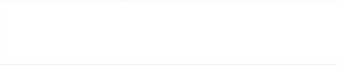
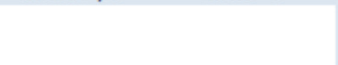
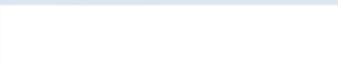
- Reports are not always readily available to all coal mine workers at the mine
- Reports on noticeboards not kept up to date
- Some reports are complex, and not easy to read, follow, or understand
- Sometimes the report doesn't reflect the actual in the pit, hasn't been updated.

CMW's reading Reports

- Do all CMW's read the OCE report? **No...** But we often hear that coal mine workers are expected to read the OCE report.
- From a business perspective it's not practical for all coal mine workers to read the OCE's report (Time factor)
- Not practical from a CMW's retention of information perspective.
- How can we make OCE reports easier to read and understand and get the right information to the coal mine workers?

Good Practices with OCE Reports

- The OCE's report is presented at pre-start meetings, and specifically the elements of hazards and risk management controls within the CMW's work area.
- The reports highlight areas where a JSA / JRA / JHA is in place
- Good reports easily depict where the hazardous areas of the mine are.
- Report show the actual time of the inspection

OCE NAME: Trevor Inskip **CREW:** D **SHIFT:** Day **DATE:** Saturday, 17 January 2015
OCE SIGN:  **INSPECTION COMMENCED:** 6:15 AM **INSPECTION COMPLETED:** 4:30 PM
FOLLOWING OCE NAME: Russell Dyer **CREW:** C **SUPERVISOR NAME:** Trevor Trott
OCE SIGN:  **SUPERVISOR SIGN:** 

| HAZARDS IDENTIFIED | AREA | CORRECTIVE / PREVENTATIVE ACTIONS | REPORTED/DELEGATED TO |
|--|--------------------------|---|----------------------------|
| Misfired blast holes. | SP:24 | Misfire management plan to be followed. Monitor temperature near Pinnacle 3 misfires to ensure continued entry. | All personnel |
| Unstable high wall near dragline. | SP:24 | Radar monitor in position. Separation bund must be built between the alarm areas for Blocks 17 & 18 before coaling starts. No entry from dragline into the key. | Operators in affected area |
| Narrow section of roadway. | JP A-Endwall | Signage in place. Empty trucks to give way. | Operators in affected area |
| East Pit end wall slumped | East Pit | Coal haul road bunded off on both sides of failed section | Following OCE |
| | | | |
| Rough section on low wall walk road | South Pit to SP end wall | Traffic cones near area. Proceed with caution. | All personnel |
| Haul roads affected by rain & pooled water | All areas | All LV's must use 4x4. Drive to conditions | All personnel |
| Slumping low wall road edges SP | Sth Pit, East Pit Bench | Road closed. Do not cross traffic cones. | Following OCE |
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Specific information in relation to safety to be passed on to the following mine workers:

Re-sheeting of Creek pit & JPN haul road section is under way. Reduce Speed. Rehandle trucks hauling from 30-Mile to ROM.
Monitoring of heating near misfires in South Pit on D/S. Temps below 90°C All areas. Dozer push at Leighton's Hill operational.
Highwall radar recording high movement alarms adjacent to coal area. JSA for coaling F-Dump access to East Pit bunded off. Roadworks near intersection for water drainage.
LV18 on standby at ERT shed to provide 4WD rescue capability.

| EXPLOSIVES | AREA | CONTROLS IN PLACE | REPORTED/DELEGATED TO | No blast scheduled for next 24 hrs. Scheduled time of blast: 3pm Sunday (TBC) |
|-------------|----------------------------|--|-----------------------|--|
| Misfires | SP:24 | Area fenced, signs & flashing lights. | Supervisor | Exclusion Zone: |
| Misfire | JP:20, Hole C2 (Ex10 area) | Area bunded. Location marked in Ex10 plan. | Supervisor | |
| Loaded Shot | JP:20 | Area fenced, signs & flashing lights. | Orica | |
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| Current JSA's - To be reviewed by affected mine workers | |
|---|---|
| AREA | NEW CONTROLS |
| South Pit highwall failure | 10m stand off bund along h/wall bench. No entry to dragline key. |
| South Pit coal mining | Radar on low wall. Two alarms zones at dispatch for block 17 & block 18. Spotter for work near stand-off zone. |
| Drilling @ Pinnacle 1 | View full WRAC before starting work or entry to area. Drill plan to incorporate probable location of misfires/boosters. |
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| NO UNAUTHORISED ENTRY - Call OCE | |
|----------------------------------|--|
| AREA | HAZARD |
| High wall bench, South Pit. | No unauthorised access to misfires. |
| JP RL180 dump. | Trucks dumping above. |
| SPE End wall (Pinnacle 3) | Misfires, Suspected heating, toxic gas and unstable ground |
| Out-of-Pit dumps | Wash outs & sink holes in roadways. |
| Central low wall road | Cracking & slumping following wet weather |
| EP Endwall road | Failing endwall section has closed road. |
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Incidents:

| Unit | JSA | CH | Location | Refer to 06.12.13 FM01 Dumping TARP | | | | Refer to PHMP-05.12.01 GEOTECHNICAL | | Comments |
|--------|-----|----|-------------|-------------------------------------|------------------|-------------|-------------|---|----------------------|--|
| | | | | Material | Moisture Content | Dump Height | TARP Status | Geological Hazards | Excavated Walls TARP | |
| DE-01 | Yes | 3 | SP:24 | Fresh Rock | Dry | | | Highwall unstable at time of inspection | Level 2 | No entry to key. |
| EX-02 | | 1 | East Pit | | | | N/A | | | Standby |
| EX-03 | | 1 | EP:06 | | | | N/A | | | Standby. Access via crusher pad @ saddle dump |
| EX-05 | | 5 | EP:05 | Fresh Rock | Dry | 15 | Normal | Wall stable at time of inspection | Normal | Hauling to JP RL210 dump |
| EX-06 | | 5 | SP:24 | Coal | Dry | | N/A | Rocks falling during rainfall. | Level 1 | Coaling to Rom Bin |
| EX-10 | | 2 | JPN:20 | Fresh Rock | Dry | 10 | Normal | Wall stable at time of inspection | Normal | Hauling to JP RL260 dump with shovel. (parked) |
| SE-01 | | 2 | JPN:25 | Tertiary | Damp | 10 | Level 1 | Wall stable at time of inspection | Normal | Hauling to JP RL260 dump.(Parked) |
| LD-04 | | 1 | ROM | Coal | Dry | | N/A | | | Blending coal with rehandle truck. |
| LD-05 | | | 30-Mile | coal | Dry | | N/A | | | Loading rehandle truck |
| LD-06 | | | Leightons | | | | | | | Standby |
| K-20 | | | 30-Mile | | | | | | | Standby |
| Ex-504 | | | Johnson Pit | | | | | | | |
| PD-01 | | | Offsite | | | | | | | |
| PD-02 | | | JP:20 | Overburden | | | | | | Drilling |
| DR-17 | | | EP:05 | Overburden | | | | | | Drilling. Access from East Pit highwall ramp. |
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| Contractors: | JSA | CH | Location | Site Contact | Comments |
|--------------------|--------------------------------|------------|----------------------|-----------------------------|---|
| Katco. | | 3 / UHF 20 | Leighton's Hill | Trevor Trott: 0427 923070 | Access from Coal Central or Leighton's Hill past topsoil circuit. |
| Katcrush. | | 1 | JPN Pad | Brett Moohin: 0409 495108 | Day shift only (Mon-Fri). |
| Orica. | | 1 | JP:20 | Orica: 0428 542601 | Loading |
| TMM Earthmoving. | | 8 / UHF 28 | Creek Pit Road | Michael Rogers: 0428 480021 | Scraper circuit access over ERT training area.Second scraper circuit from near south arm diversion, onto Creek Pit road to Leighton's Hill. |
| TMM Earthmoving. | | 1/UHF 11 | Creek Pit Road | Brett Moohin: 0409 495108 | Day shift only (Mon-Thu). Ex1 parked at high-wire road. |
| Moorvale E'moving. | | 1/UHF 25 | "F" Dump & East Pit. | Brett Moohin: 0409 495108 | Day shift only (Mon-Fri). |
| | | | | | |
| Sling Trailer | Sign compound.(Grey trailer) | | | High wall Chain | Across JP bridge, at the bottom of the highwall ramp. |

Way of the Future - Tablets

- Immediate report made on the spot
- Plot GPS location of issues
- Take photos of events
- Link to geotechnical response / advice
- Maintain an accurate strip history



Questions ???