

RE: Imp. Notice
for Fire.
Bunker Fire
09/03/2004

FILE COPY

IPH Response to Field Report issued by Greg Sleziaak on 19 January 2004

a) *The risk of fire at heights needs to be assessed and control measures implemented accordingly.*

RESPONSE

RISK ASSESSEMENT and CONTROLS IN PLACE

Hazard Name	Description	Causes	Consequence/ Hazard Effect	Likelihood/ Probability	Risk	Controls (preventative)	Controls (Mitigation)	Risk Reduction Measures
Major fire at Height	Elevated Conveyors, Stackers, Dredger, Bunker, Batter	<ol style="list-style-type: none"> 1. Electrical/mechanical failure 2. Grease Build up 3. Coal Builds up 4. Hot Work 5. Housekeeping 6. External Fire 7. Lightning 8. Spot fire from vehicle/plant 9. Belt Fire 	<p>5. Catastrophic</p>	E. Rare	Medium	<ol style="list-style-type: none"> 1. PM(Condition Monitoring, Lubrication), Shiftly inspection, Temperature sensors/protection 2. Degreasing of plant, Shift inspections 3. Design to prevent spillage, PM, cleaning daily or on request (hose down/shovel clean), shiftly inspection, safety walks 4. Permit system, follow up inspections, Training of Fireman/spotter for hot work. 5. cleaning daily or on request (hose down/shovel clean), shiftly inspection, safety walks 6. Perimeter slashing, Fire breaks, On-site fire fighting tankers 7. Lightning rods on major plant 8. Modified exhausts, Modified braking systems, vehicle washing, PM, ongoing inspection, Diesel powered vehicles 9. Preventative maintenance program, Shiftly fault inspections, competent maintenance personnel/operators, works management system (priority for safety items) FRAS belts 	<p>Fire extinguishers on all plant</p> <p>Monthly visual inspection of extinguishers. Annual testing of extinguishers. Reticulated fire water protection to all major mining plant, annual training in fire fighting.</p> <p>Light Vehicles fitted with hoses. Escape routes from major Mining Plant, Emergency response procedures, Adequate fire water pressure and supply, Annual spray pattern testing, On Site fire fighting tankers. Crane and elevated fire monitor readily available.</p>	

- b) *Communication and command needs to be revisited to ensure that emergency plan, preparedness and response are relevant to the nature of the emergency. Consideration to be given to : identifying, listing and communicating major assets that must be protected first by combat agencies. – Role and capacity of others such as contracted services needs to be revisited and inc.*

Response

IPH is currently reviewing the Emergency Response plan for the Mine and Station. As part of this review a list of critical items to be protected will be identified (the bunker will be one of these) as well as a location drawing.

In addition an education program to the CFA in particular will be carried out so they are familiar with our site and the critical assets. In addition the Emergency Commanders will also be briefed.

I anticipate this review to be completed by April 2004. In addition as part of this review, the procedure form the mine will be modified to be the same as the station in that the on site emergency crew (Diamond Protection) will be called at the same time as the CFA where there is an incident.