

Stacker and Reclaimer Safe Operating Procedures



SAFETY AND ENVIRONMENT EDUCATION FOR DEVELOPMENT

SAFE PROCEDURES

Prepare for stockpile reclaim operations

Obtain shift reclaim and dispatch requirements from work orders, briefings or handover procedures and confirm details.

Carry out worksite inspection and rectify or report hazards or other notifiable conditions.

Interpret and apply basic geological and survey data required to complete the allocated tasks/duties.

Access and apply safety information and procedures throughout the work.

Reclaim and dispatch coal

Coordinate activities with others at the site prior to commencement of, and during, the work activity.

Carry out pre-start, start-up and shutdown procedures in accordance with manufacturer instructions and site procedures.

Operate controls to reclaim coal in accordance with machine manufacturers instructions and/or site-specific instructions.

Act on and/or report monitoring systems and alarms in accordance with site requirements.

Blend, load, sample and dispatch specified coal in accordance with site procedures.

Recognise and respond to hazardous and emergency situations in accordance with manufacturer instructions and site procedures.

Carry out reporting and complete and process documents in accordance with site requirements.

Carry out operator maintenance

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Carry out reclaimer inspections and fault-finding in accordance with manufacturer instructions and site requirements.

Carry out routine operational servicing, lubrication and housekeeping tasks in accordance with manufacturer instructions and site authorised procedures and practices.

Carry out minor maintenance to manufacturer instructions and site requirements.

Provide operator support during preparation for, and conduct of, major maintenance tasks in accordance with site requirements.

Process records in accordance with site requirements.

Reclaimer

Inspect the boom structure at regular intervals.

Do periodical bucket maintenance which includes fluid coupling, cushioned torque link and brake lock.

Periodical maintenance of luffing hydraulic system which controlled acceleration and deceleration eliminates boom bounce and surge.

Provide lubrication at periodical intervals of slew bearings.

Provide outstanding visibility and cushioned adjustable seating.

Do a periodical maintenance of conveyor belts with all transfer points and all of the associated motors, gearboxes, fluid drives, pulleys.

Take control measures of inherent fire risks related to dust control or washing concerns in mind.

Do periodical checks on central auto lubrication systems of the machine.

Proper inspection of fire detection or suppression systems or equipment (other than portable extinguishers) installed.

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Require an aggressive maintenance program just to keep the machines operable from aging deteriorating equipment, electrical cabling, and deteriorating structural steel in various areas.

Need a manual patrol, and a tv camera are the only methods of surveying the machine.

Provide extra emphasis on keeping the machine clean, especially washing the machine.