

Tanjung Jati B Expansion Project
179956.67.0402
Bucket Wheel Stacker Reclaimer
Mechanical Operation and Maintenance Manual



Danger

Avoid Serious Injury! Do not attempt to free up seized rollers while the conveyor is running.

5.2.6.5 Isolation Guidelines

For inspection of the conveyor idlers, personnel must remain at a safe distance from the machine. For other activities that involve contact with the machine, such as taking measurements, tightening bolts, cleaning, routine servicing or component change-out, an isolation procedure shall be carried out. For work on the conveyor idlers, the machine must be put into its maintenance position. Isolate the boom conveyor, luff, long travel and yard conveyor in accordance with TJB isolation regulations.

5.2.7 Boom Conveyor Belt

5.2.7.1 Description

The boom conveyor belt moves material from the transfer point underneath the tripper head chute to the discharge pulley. The belt type is EP500 and is with the width of 1600 mm. Its operating speed is 3.5 m/s.

5.2.7.2 Technical Data

Machine Model: EP500 B1600×5(8+3)

5.2.7.3 Maintenance Tasks

BOOM CONVEYOR BELT			
MAINTENANCE TASK	RECOMMENDED INTERVAL	ISOLATION REQUIRED	REMARKS
INSPECTION			
Check tracking of belt	Every month	No	Refer 5.2.7.4.1
Check for excessive noise vibration	Every month	No	Refer 5.2.7.4.2
Check belt tension	Every month	No	Refer 5.2.7.4.3
Check for wear/cuts/abrasions	Every 3Months	Yes	Refer 5.2.7.4.4