



Potential Fatal Event: Mobile Crane Contacts Overhead Power Line

Preliminary Incident Details

Operation	PT Freeport Indonesia
Date / Time	September 22, 2023 / 1:33 p.m.
Type	Property Damage
Summary	A mobile crane was moving rebars in the Engross Yard (Mile Post 74) for the Copper Cleaner Project when the auxiliary line on the crane came in contact with a 115kV high-voltage overhead power line. Immediately upon contact, a blackout occurred causing power disruption throughout the entire operation. The operator was unharmed and was able to exit from the cabin safely afterwards.
Fatal Risk	Exposure to Electrical Hazards
Risk Category	Monitor
Pre / Post Rating	Significant (3) Possible (2)
Findings / Missing Controls	<ul style="list-style-type: none">• Fatal Risk Management meeting was conducted by the crew but did not identify power line hazards.• Critical control checklist was conducted; however, two points of the critical controls regarding lifting plan and field hazard identification were not implemented.• No lifting plan was created for working in close proximity to a power line.• Signalman was assigned, but the operator slewed the boom without instruction from the signalman.
Applicable Policies / Procedures	<ul style="list-style-type: none">• GDL-4.04.10-PTFI-002 Lifting Gears and Crane Management• GDL-4.04.30-PTFI-002 Electrical Safety• SOP-4.01.10-OM02-199 Grove Rough Terrain Mobile Crane Operation
Employee Condition	No Injury
Contact	Daniel Leonard Kawer, Manager-Conc., Elect. and Inst. Automation

Photos / Links



Point of contact

