

Task Risk Control Sheet

Operation of Manual / Powered Groundframes and Points

RCS No: NR/L3/MTC/RCS0216/GA15
Issue: 2

Key Risks !

- Struck by Train
- Derailments
- Manual Handling
- Wires Snapping
- Slips, Trips and Falls

Personnel Involved

E&P	✓
S&T	✓
Track	✓
Off Track	✓
Property	✓

Tools / Equipment None

Plant None

Key Risks	Controls	Implemented By
Working on or Near the Line	<ul style="list-style-type: none"> • See Risk Control Sheets NR/L3/MTC/RCS0216 /GA01 – Work On or Near the Line • All operators shall be trained in the operation of each specific groundframe and as Points Operator (AOD PO) • Only staff trained as Points Operator / Route Setting Agent (AOD PO) or a competent signaling technician shall be permitted to operate points and shall hold either the competency of Controller of Site Safety or Individual Working Alone 	Line Manager / All Staff / COSS / Team Leader
Operation of Manual Lever Groundframe and Points including: <ul style="list-style-type: none"> • Heavy Pull • Wire Snapping 	<ul style="list-style-type: none"> • Operators shall be trained in the operation of each specific groundframe and as Points Operator (AOD PO) • They shall be advised of the risks of long pulls of point rodding or shunt signal cables • Operators shall be provided with manual handling training • If the points are unyielding do not use excessive physical force to get points to move – Seek assistance • Body parts shall not be placed within or near to moving parts – A plug / scotch shall be placed in the points to stop any movements and the point motor isolated • Staff shall be aware of the potential for the manual winding handle to spring back / forwards when under pressure and shall employ a suitable stance, maintaining contact with the handle until full motion is completed to account for this. • Operator shall check that all staff are clear before operating lever/handle 	Line Manager / Team Leader Groundframe /Points Operators
Slips, trip and falls due to point and signal wires, cables and rodding	<ul style="list-style-type: none"> • Operators shall take extra care when moving around groundframe area and check that suitable lighting is available • See Risk Control Sheet NR/L3/MTC/RCS0216/GH02 – Underfoot Conditions 	Groundframe /Points Operators
Derailments	<ul style="list-style-type: none"> • All points shall be clipped and scotched prior to any movements through the groundframe, except where a facing point lock is available and is set • Operator shall check that points are correctly set for the movement, prior to movement passing through groundframe 	Groundframe /Points Operators

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Key Risks	Controls	Implemented By
Electrocution – DC Electrified Lines	<ul style="list-style-type: none"> See Task Risk Control Sheet NR/L3/MTC/RCS0216/GA20 - Working Adjacent to DC Electrified Rails Risk Level 1- 5, Equipment shall only be carried in a horizontal position A conductor rail shroud shall be used if operating adjacent to the live rail, especially when using point levers, crow bars or clipping and scotching points 	Team Leader / All Staff / COSS / Points Operators
Electrocution – Working under OLE	<ul style="list-style-type: none"> Equipment shall only be carried in a horizontal position See Task Risk Control Sheet NR/L3/MTC/RCS0216/GA21 - Working Near Electrical Overhead Line Equipment 	Team Leader / All Staff / COSS / Points Operators
Derailments	<ul style="list-style-type: none"> All points shall be clipped and scotched prior to any movements through the points, except where a facing point lock is available and is set Operator shall check that points are correctly set for the movement, prior to movement passing through groundframe 	Points Operators

PPE Required by NR / Maintenance Policy



Wear Head Protection



Wear Foot Protection



Wear Hi Visibility Clothing



Wear Safety glasses to BS EN166.F

If safety glasses introduce a risk (ie weather conditions) then the Team Leader shall assess the risk. The outcome of the assessment shall be recorded on the SSOWPS pack and safety glasses may be removed. **This does not supersede the requirements for eye protection detailed on relevant Task Risk Control Sheets.**

Additional PPE Required by Task Risk Control Sheet



Wear Hand Protection

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