

Task Risk Control Sheet

Unloading Ballast Manually, from Train or OTP

RCS No: NR/L3/MTC/RCS0216/TK10
Issue: 2



- Work on or near the line (1)
- Electrocution (3)
- Manual Handling (11)
- Slips, Trips and Falls (12)
- Train derailment
- Ballast Dust

Personnel Involved

E&P	
S&T	
Track	✓
Off Track	
Property	

ELLIPSE Std.
Job Nos.

009119

009120

Mtce Work
Instruction

NR/L3/ TRK/002/B01

NR/L3/ TRK/002/B02

Tools / Equipment

Hand Tools

Head/Hand Torches*

(* if required)

Plant

Engineering Trains

SECTION A - APPLIES TO MANUAL AND ALL OTHER METHODS FOR UNLOADING BALLAST

Task Risks	Controls	Implemented By
Key Generic Track Risks	<ul style="list-style-type: none"> • See Generic Track Risks No's 1, 3, 11 & 12 • See Risk Control Sheet NR/L3/MTC/RCS0216/GA01 – Work on or near the Lineside 	
Electrocution	<ul style="list-style-type: none"> • See Risk Control sheets NR/L3/MTC/RCS0216/GA20 Working Adjacent to DC Electrified Rails Risk Level 1- 5, • See Task Risk Control Sheet NR/L3/MTC/RCS0216/GA21 - Working Near Electrical Overhead Line Equipment 	COSS / Team Leader / Staff
Ballast Dust	<ul style="list-style-type: none"> • In dry conditions, where there is a risk of ballast dust, face mask and eye protection shall be worn 	Team Leader / Staff

SECTION B - UNLOADING BALLAST FROM TRAIN

Task Risks	Controls	Implemented By
Struck by Train	<ul style="list-style-type: none"> • Communications shall be set up as per Rule Book • Protecting Blocks shall be taken as per Rule Book 	ES / Train Crew / Planner / COSS / Staff PICOP
Derailment of Train	<ul style="list-style-type: none"> • When emptying ballast from train clear communication shall be established and maintained between the train crew and the ES • Clear instruction shall be established between the ES and staff emptying ballast to do so in a controlled manner • Doors shall be closed before running over S&C 	ES / Train Crew
Manual Handling	<ul style="list-style-type: none"> • Apply pressure to the door releases in a controlled manner (no jerky movements) • When hopper doors are found to be stiff seek assistance, if unable to release doors then report to train manager and team leader 	Staff / Team Leader

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SECTION B - UNLOADING BALLAST FROM TRAIN

Slips /Trips & Falls from Train	<ul style="list-style-type: none"> Three points of contact shall be maintained with train steps / handrail Sound footing shall be achieved when accessing and alighting the train. Do not let go of the handrail until footing is assured. Train shall be completely stopped before accessing or alighting Be aware of distance from bottom step to ground and suitability of the point of alighting e.g. catch pit embankment areas etc Associated risks of staff supervising the drop on site 	Staff
Loose Ballast	<ul style="list-style-type: none"> Remove loose ballast from train before sending off site, as detailed in the Rule Book 	Team Leader / Staff

SECTION C - UNLOADING BALLAST FROM OTP

Task Risks	Controls	Implemented By
Use of OTP	<ul style="list-style-type: none"> Refer to relevant Mobile Plant Risk Control Sheet Competent operator and Machine Controller shall be appointed The necessary pre-use checks shall be carried out prior to use All machine movements shall be authorised by the Machine Controller (see Task Risk Control Sheets NR/L3/MTC/RCS0216/MP05 - Transit of OTP with/without a Machine Controller present) Prior to any movement of a OTP the horn shall be sounded All lifts shall be planned and controlled and a Crane Controller shall be appointed 	Team Leader / MC / Crane Controller / Operator

PPE Required by NR / Maintenance Policy

				<p>Team leaders have the delegated authority to decide that safety glasses need not be worn based on on-site risk. This decision shall be recorded on the SSOWPS pack.</p> <p>This does not supersede the requirements for eye protection detailed on relevant Task Risk Control Sheets.</p>
Wear Head Protection	Wear Foot Protection	Wear Hi Visibility Clothing	Wear Safety glasses to BS EN166.F	

Additional PPE Required by Task Risk Control Sheet

						
Wear Hearing Protection	Wear Hand Protection	Wear Dust Mask				