RA001 Use of Cartridge Operated Tools (Generic)

M GROUP
Rail & Aviation

Contract Name:	St Julians.						Contract No:	0707A _WAL_MGR				
Assessed By:	Mike Jones.						Assessment Date:	03/08/25				
Activity / process	Safety Hazards and Environmental Aspects and Impacts	People at risk *(tick)*			Risk rating *(see table)*			Control measures - (including documentation required and compliance with procedures)		Residual risk rating *(see table)*		
		E	*C*	*V*	*S*	*L*	*R*			*S*	*L*	*R*
Working in a railway environment- being hit by trains	Fatal or Major Injury	✓	✓		*4*	*4*	*16*	PR-RA-61 Safety of People at Work on or Near the Line adhered. All work to be pre planned; created and approved by trained and competent Safe System of Work Planners. SSOW (safe system of work) SWP pack to be always verified at least one shift prior to working and on site. COSS / SWL / PIC (Person in Charge) to give full SSOW & TBS (Task Briefing Sheet) briefing to all operatives & COSS / SWL record form RT9909 to be signed off by all in group prior to infrastructure entry and work commencing. 100% of Sentinel PTS cards swiped in by COSS / SWL & always physically present. COSS / SWL must swipe-out each group member at the end of every shift – to control working hours and fatigue management RL-PR-05. Approved / Authorised SSOW implemented – safeguarded, site warden or fenced or more than 3 metres away from the track (Lineside). Appropriate PPE (Personal Protective Equipment) PR-16 and NR 019 adherence. Personnel always in a Position of Safety (POS) or walking to a POS. No Sentinel PTS card / TVP (Temporary Visitors Permit), no COSS/SWL/PIC, no SSOW/paperwork = NO WORKING On-or-Near the Line! Lookout Warning working PROHIBITED by M Group (and NR). Golden Rule reporting to Infrastructure Control – 1 hour from incident. Suitable First Aid provision in line with SE-GN-RA-21 guidance available always. Nearest AED location established. Emergency assessment SE-FM-49 to be in place prior to work commencing. Incident Reporting and Management procedure PR-RA-14 to be implemented.		*4*	*1*	*4*
Traffic Entering parking area	Death /Major Injury/Minor Injury	✓	✓		*4*	*4*	*16*	All staff to be briefed on taking extra care when leaving site. All personnel to adhere to site speed limits		*4*	*1*	*4*
Slips, trips or falls on same level walking on ballast to work areas.	Reportable or minor Injury	✓	✓		*4*	*3*	*12*	All staff to be briefed on the correct access routes and underfoot conditions. Access routes and working area to be free from tripping hazards, especially when carrying items. Footwear to be suitable with ankle support.		*4*	*1*	*4*

								Care to be taken on ballast and in railway infrastructure. Authorised access/egress points to be used and care taken on access steps, 3-point contact to be used. Ensure that adequate lighting is provided to avoid additional risk of STF's. Any night-time possession works must have sufficient task lighting for works and individuals to have head torches/cap lamps. No loose materials or tools are to be left on site.			
Fatigue	Death Major Injury	✓	✓		*3*	*4*	*16*	Monitoring of working hours compliance with operating procedures Review of signing in register/Data scope Local hotels if required	*4*	*1*	*4*
Adverse weather conditions	Death Major Injury Minor injury	✓	✓		*3*	*4*	*16*	Weather to be checked prior to starting works and monitored throughout if adverse conditions are anticipated. Plenty of fluids, particularly cold drinks need to be available during hot weather conditions plenty of hot drinks to available during cold weather. Operatives must wear suitable clothing and have regular breaks to keep cool in hot weather	*4*	*1*	*4*
Site Specific Assessment - *(to be completed by the person in charge if there are any changes to the work activity or site-specific conditions)*											

Signature of the Person in Charge of the Works		*Date*	*17/04/25*
E – Employees, **C** – Contractors or Suppliers, **V** – Visitors or Members of the Public	Date of next review		
S – Severity multiplied by **L** – Likelihood = **R** – **Risk Rating** - (high, medium or low – see guidance below for details)			

This guidance must be used when completing the above risk and environmental impact assessment

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People at Risk: **(E)** = Employees, **(C)** = Contractors or suppliers, **(V)** = Visitors, members of the public or damage to the wider environment - Place a tick in the column to indicate that this group of people may become affected by the hazards described.

Hazard A hazard is any situation with the potential to cause harm, injury, loss, environmental damage or pollution

Likelihood (L) Likelihood is termed as the potential for the hazard to be realised (i.e. how likely is it to occur)

Severity (S) The degree of injury, loss or environmental damage caused by the hazard

Risk Rating (R) Use the table shown below to assess the risk rating for each of the hazards that have been identified.

The risk rating is determined by identifying the level of severity and likelihood and finding the corresponding rating on the table shown below. This must be carried out both before and after the stated control measures have been implemented.

		Severity (S)				
	Ratings	1	2	3	4	5
Likelihood (L)	1	1	2	3	4	5
	2	2	4	6	8	10
	3	3	6	9	12	15
	4	4	8	12	16	20
	5	5	10	15	20	25

1	No injury, damage or environmental impact
2	Minor injury, damage or environmental impact
3	Moderate injury, damage or environmental impact
4	Major injury, damage or environmental impact
5	Catastrophic injury, loss, damage or environmental impact

1	It is very unlikely that the hazard will occur
2	It is unlikely that the hazard will occur
3	It is possible that the hazard will occur
4	It is likely that the hazard will occur
5	It is almost certain that the hazard will occur

Use the table to cross reference the severity rating (S) against the likelihood rating (L) to establish the overall risk rating (R) for the specified hazard.

Example – A severity rating of 3 with a likelihood rating of 3 corresponds within the table to identify