

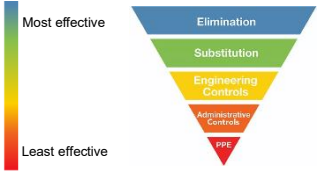
Project:	Transport Operations	RA No:	84	Review Date
Operation / Task:	Working on cooling systems	Persons at risk:	Employees	31/01/2027
Location / Area:	All depots/ construction sites	Public at risk:	No	
Monitoring Responsibility:	Transport Manager, Haulage Manager, Service Manager, Service Foreman, HSQE Team, HGV Technicians			

KEY

S = Severity Rating

L = Likelihood of Occurrence

RR = Risk Rating



1. Negligible	1. Improbable	5	5	10	15	20	25	R	Unacceptable risk, plan out or add further controls.
2. Minor Injury	2. Remote 1 – 10%	4	4	8	12	16	20	O	Acceptable only if no other method viable & with high level controls in place.
3. Major Injury (RIDDOR)	3. Possible 10 – 50%	3	3	6	9	12	15	Y	Acceptable with suitable controls.
4. Fatality	4. Probable 50 – 90%	2	2	4	6	8	10	G	Acceptable, no further action required.
5. Multiple Fatality	5. Almost certain 90%+	1	1	2	3	4	5		

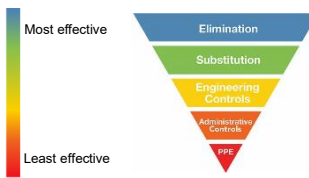
Severity

Likelihood

Activity	Hazards/Risks Identified	Risk Rating			Control Measures	Residual Risk			Responsibility
		S	L	RR		S	L	RR	
Working on vehicle cooling systems	Personal injury from contact such as burns, scalds, fume inhalation. Spills/accidental release Disposal Musculoskeletal injuries	4	3	12	<ul style="list-style-type: none"> Only competent technicians are permitted to work on cooling systems. Ensure that the correct method of draining and filling is used appropriate to the machine to minimise spillage and contact. Ensure that the engine is off, and the radiator coolant has cooled prior to work commencing. NEVER work with a hot engine or hot coolant. Cover radiator/heater tank caps with rag prior to opening to avoid contact. Appropriate PPE must be worn including hi vis top, safety boots, eye protection and safety gloves. Should there be any spillages, STOP and clean these up immediately as they will make the floor very slippery. When working on the cooling system where the engine requires running, always keep hands, fingers, tools and clothing away from the moving fan. Avoid working on the cooling system when the engine is running where possible. Should you make contact with antifreeze, wash the area immediately. If antifreeze is ingested, immediately seek professional help as this can lead to death in as little as 24hours. Dispose of antifreeze and its containers through an approved licenced waste disposal contractor. 	4	1	4	Transport Manager Haulage Manager Service Manager Service Foreman HSQE Team

Project:	Transport Operations	RA No:	84	Review Date
Operation / Task:	Working on cooling systems	Persons at risk:	Employees	31/01/2027
Location / Area:	All depots/ construction sites	Public at risk:	No	
Monitoring Responsibility:	Transport Manager, Haulage Manager, Service Manager, Service Foreman, HSQE Team, HGV Technicians			

KEY **S = Severity Rating** **L = Likelihood of Occurrence** **RR = Risk Rating**



S = Severity Rating

- Negligible
- Minor Injury
- Major Injury (RIDDOR)
- Fatality
- Multiple Fatality

L = Likelihood of Occurrence

- Improbable
- Remote 1 – 10%
- Possible 10 – 50%
- Probable 50 – 90%
- Almost certain 90%+

Severity	5	10	15	20	25
4	4	8	12	16	20
3	3	6	9	12	15
2	2	4	6	8	10
1	1	2	3	4	5
	1	2	3	4	5
	Likelihood				

Risk Rating Legend:

- R** (Red): Unacceptable risk, plan out or add further controls.
- O** (Orange): Acceptable only if no other method viable & with high level controls in place.
- Y** (Yellow): Acceptable with suitable controls.
- G** (Green): Acceptable, no further action required.

Activity	Hazards/Risks Identified	Risk Rating			Control Measures	Residual Risk			Responsibility
		S	L	RR		S	L	RR	
					<ul style="list-style-type: none"> See COSHH assessments and material safety data sheets for hazardous substances. Always use hazardous substances in line with manufacturer instructions. See RA11 Manual Handling. See RA20 Work at Height 				

Risk Assessment Prepared By: Paul Lynch **Signature:**  **Date:** 31/01/2026

Risk Assessment Reviewed By: Daniela Rizvan **Signature:**  **Date:** 31/01/2026

