

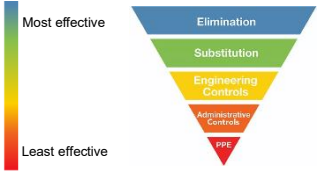
Project:	Workshop Operations	RA No:	08	Review Date
Operation / Task:	All activities involving hot works	Persons at risk:	All employees and visitors	31/01/2027
Location / Area:	All Depots, Workshops, Yards	Public at risk:	Possibly from a major fire	
Monitoring Responsibility:	Depot Manager, Workshop Manager, Workshop Foreman, Operatives and Supervisors, Fitters/Welders, HSQE Team			

KEY

S = Severity Rating

L = Likelihood of Occurrence

RR = Risk Rating



1. Negligible
2. Minor Injury
3. Major Injury (RIDDOR)
4. Fatality
5. Multiple Fatality

1. Improbable
2. Remote 1 – 10%
3. Possible 10 – 50%
4. Probable 50 – 90%
5. Almost certain 90%+

Severity	5	4	3	2	1
5	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				

R Unacceptable risk, plan out or add further controls.
O Acceptable only if no other method viable & with high level controls in place.
Y Acceptable with suitable controls.
G Acceptable, no further action required.

Activity	Hazards/Risks Identified	Risk Rating			Control Measures	Residual Risk			Responsibility
		S	L	RR		S	L	RR	
All activities involving hot works (burning or welding)	Fire or explosion resulting in major injuries, burns or fatality to personnel and/or damage to plant/vehicles and buildings. Eye damage Burnings from splatter	4	4	16	<ul style="list-style-type: none"> Avoid hot works where possible by using cold cutting methods. Remove all combustible materials from the work area prior to hot works. All gas cylinders to be fitted with flash back arrestors and used in accordance with RA03. All users of welding/burning equipment are to be competent. Inspect all hoses, cylinders, tanks, valves, tools and burning equipment daily prior to use. Appropriate firefighting equipment to be close at hand and serviceable. Protect at risk items with fire retardant material where possible or necessary. Mandatory flame-retardant PPE must be worn. Eye protection conforming to EN166:2001, EN169:2002, EN170:2002 Welding caps to be worn during all hot works. Full face screens to be worn if task requirements e.g., if hand tools are being used during hot works. Leather Welders Gauntlets must be worn at all times. Fire watch to be maintained for at least 1 hour after hot works cease. 	4	2	8	Depot Manager. Workshop Manager Workshop Foreman HSQE Team Fitters/Welders

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

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

