HAZARD IDENTIFICATION AND RISK ASSESSMENT

Risk = likelihood (1 to 5) × severity (1 to 5). Review after any incident, change or once a year.

Area or department	HIRA no. and revision	Date of assessment	Next review due
Assessed by	Reviewed by	Activity type	Approved by

Sr.	Activity	Hazard	Possible harm	Who is exposed	Existing controls	L	S	Risk	Additional controls	Owner	Target	Res. L	Res. S	Residual

How to score

Likelihood (L): 1 rare, 2 unlikely, 3 possible, 4 likely, 5 almost certain. Severity (S): 1 first aid, 2 medical treatment, 3 lost-time injury, 4 permanent disability, 5 fatality. Risk = L × S: 1 to 4 low, 5 to 9 medium, 10 to 16 high, 20 to 25 very high. High and very high risks need additional controls before work continues. Res. L and Res. S score the residual risk again, with the additional controls in place.

Assessed by

Safety officer

Plant head or occupier