

Task/Activity: RA 3 Hazardous Substances	Date assessment completed: 31/1/2023	Review Date: 31/1/2026
Brief Details of Task/Activity Storage and usage of hazardous substances on site or in depot	Assessment completed by: Sean Croudace	Signature:

What are the hazards? e.g. slip/trip hazards, electricity, manual handling, work equipment	Who might be harmed and how? e.g. staff, service users, visitors etc... and likely injury e.g. bruises, muscle strain, fracture, poisoning etc...	What are you already doing to control the hazard?	What further action or additional controls are required (if necessary)	Risk rating (after control measures)	Action by who	Action by when	Date completed
Flammable, toxic, harmful corrosive and irritant substances	Employees and the public. Burns, dermatitis, asthma, poisoning.	Operatives to have a safe working area, and correct training - qualified persons only to use hazardous substances. No hazardous materials to be stored on site without agreement and safety precautions in place, Flammable liquid hazard signage inside and outside storage areas Substances to be stored in correct containers, locked up in a vented area at ground level. Refer to C.O.S.H.H. and safety data sheets for each material. Correct P.P.E To be worn. (SEE PPE LIST 1) Operatives to have personal first aid kit on site which is up to date and replenished by supervisor as necessary.	Complete daily record sheets and regularly monitor quantity and type of any hazardous materials stored on site. Ensure PPE is being worn as advised and replace as necessary.	E			

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Airborne particles (dust, fumes, inhalation.)	Employees and the public. Allergic reactions, Suffocation, Respiratory illnesses and asthma, other breathing problems.	<p>Adequate ventilation when using hazardous substances.</p> <p>Dust suppression equipment / water kits fitted and used at all times.</p> <p>Warning information to be read and understood on chemicals, refer to relevant COSHH and safety data sheets.</p> <p>All faults are to be reported immediately and machinery replaced/repared as necessary.</p> <p><i>Face Fit</i> testing undertaken for all operatives.</p> <p>Operatives to have personal first aid kit on site vehicle which is up to date and replenished as necessary.</p> <p>Suitable P.P.E to be worn at all times. (SEE PPE LIST 1)</p> <p>Vary work to avoid over exposure. Rotate operatives using machinery.</p> <p>Eye wash stations in salt barn, plant maintenance area and in control room replenished as necessary and as used..</p>	<p>Arrange refresher training for cut off saws and ensure <i>Face Fitting</i> is up to date.</p> <p>Ensure PPE is being worn as advised and replace as necessary.</p>	E			

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Naked flames	Employees and the public. Explosions, Burns, Fatalities,	Suitable P.P.E to be worn at all times. (SEE PPE LIST 1) Fire site inspections. Suitable fire extinguisher on site Evacuation procedures in place. Operatives to have personal first aid kit on site which is up to date and replenished by supervisor as necessary. Operatives to undertake Fire Awareness training	Fire awareness training renewed every three years. Ensure PPE is being worn as advised and replace as necessary.	E			
Spillages	Employees and the public. Slips, trips, falls. Burns, Dermatitis and skin irritations.	Spillages to be removed and dealt with by trained operative immediately. Spill kits on site when needed. Suitable P.P.E to be worn at all times. (SEE PPE LIST 1)	Regular monitoring of substances being stored. Check PPE is being worn as advised and replace as necessary.	E			

CATEGORIES OF LIKELIHOOD	
Highly Likely	Expected to happen/reoccur, possibly frequently.
Possible	Might happen/reoccur at some time depends on circumstances.
Unlikely	Not expected to happen/reoccur but possible in certain circumstances.
Very Unlikely	Would only occur in very exceptional circumstances.

CATEGORIES OF CONSEQUENCE SEVERITY	
Catastrophic	Incident could result in <u>one or more fatalities</u> .
Major	Major injury resulting in incapacity, hospitalisation >24 hours.
Significant	Injury requires attention of a Doctor or Hospital treatment or hospitalisation <24 hours.
Minor	Small cut, bruise, abrasion, basic first aid treatment provided.
Negligible	Some discomfort, self help. No treatment required.

RISK RATING				
	Highly Likely	Possible	Unlikely	Very Unlikely
Catastrophic	A	A	B	E
Major	A	B	C	E
Significant	B	C	D	E
Minor	C	D	E	E
Negligible	E	E	E	E

RISK CLASSIFICATIONS	
A	Unacceptable risk , requires immediate attention. Work <u>should not be started or continued</u> until the level of risk has been reduced.
B	High risk , requires immediate attention. Control measures must be identified and put into place as soon as possible.
C	Medium risk , requires attention as soon as possible. The risk should be only be tolerated in the short term and only when further control measures are being planned and introduced, Timescales must be short.
D	Low risks , confirm that there are no low/no cost solutions which may eliminate/ reduce the risk further.
E	Trivial risk , no further action required but review at regular intervals to ensure controls remain effective.