

OHS Generic Risk Assessment – Examination of Pressure Vessel - No Confined Space Entry

Supported by point of activity dynamic risk assessments, RA1, RA2, RA3 and specific risk assessments RA4 (lift)

	Ref: OHS 6.1.2-01 PM-01	
1	Location/ Site Details: Any location/site at which examination of pressure vessel is carried out.	
2	Activity: Examination of pressure vessel – no confined space entry	
3	<p>Persons At Risk (who might be harmed): Engineer Surveyors, Special Service Engineers, Specialist Engineers, Senior Operations Team Leaders, trainee Engineer Surveyors, contracted resource and others not employed by AEIS (i.e. client’s staff, members of the public).</p> <p>Responsible Manager(s): Area Technical Operations Manager, Regional Technical Operations Manager, Chief Engineer, Engineering Standards Manager, Specialist Engineers, Special Services Manager and HSQ Manager.</p>	
4	<p>Hazard(s) (Potential to cause harm)</p> <ul style="list-style-type: none"> • High temperatures. • Falls from height. • Slips, trips and falls. • Poor lighting. • Noise. • Electrical and mechanical hazards. • Environmental conditions. • Hazards from activities taking place on site. • Hazards associated with the inspection activity. 	<p>Control Measures</p> <ul style="list-style-type: none"> • Adherence to site specific health & safety requirements. • Plant to be prepared in line with the requirements of the Written Scheme of Examination. • All non-essential non AEIS employees to be excluded from vicinity of examination. • Satisfactory completion of SAFed “Health & Safety Passport”. • Training and authorisation in line with the requirements of SAFed SS01 “Recruitment, Training and Competency of Engineer Surveyors”. • Completion and adherence to Engineer Surveyor Risk Assessment RA1 (and RA2 & RA3 as required). • Provision and utilisation of suitable and appropriate personal protective equipment. • Utilisation of suitable lighting if required • Adherence to AEIS “Working at Height”, “Fit for Work”, “Eye Care” and “Lone Working” policy • If suitable control measures cannot be put into place, raise with the responsible person on site, if necessary leave site and issue a

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		<p>suitably worded plant not available notification.</p> <ul style="list-style-type: none"> Dynamic risk assessment to be continually reviewed during work.
5	Potential Outcome: 4: RIDDOR reportable injury	Probability/Severity: AEIS Employees: 3 moderate x 4 high Others: 3 moderate x 4 high
6	Risk to others: 12: Medium	Risk to AEIS employees: 12: Medium
7	Re assessment after application of control measures	
8	Potential Outcome: 4: RIDDOR reportable injury	Probability/Severity: AEIS Employees: 1 rare x 4 high Others: 1 rare x 4 high
9	Residual Risk to others: 4: Low	Residual risk to AEIS employees: 4: Low
10	Other useful information to be considered: SAFed guidance document HSC 07: Health and safety criteria under which inspections may not be carried out.	
11	Conclusion/ Recommendations: The risk can be controlled and is considered acceptable, as far as is reasonably practicable, with the stated control measures in place.	
12	Reviews and further actions: Review at a maximum period of 12 months - or sooner if information emerges that the risk assessment is no longer suitable/sufficient.	

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Risk matrix to be applied to all tasks

Probability	5 (Almost certain)	5	10	15	20	25
	4 (Likely)	4	8	12	16	20
	3 (Moderate)	3	6	9	12	15
	2 (Unlikely)	2	4	6	8	10
	1 (Rare)	1	2	3	4	5
		1 (Very low)	2 (Low)	3 (Medium)	4 (High)	5 (Very high)
		Severity				

Probability of the event occurring:

- | | |
|--------------------|-------------------------------|
| 1. Rare: | Less than once every 10 years |
| 2. Unlikely: | Once every 5 to 10 years |
| 3. Moderate: | Every 1 to 5 years |
| 4. Likely: | Every 6 to 12 months |
| 5. Almost certain: | Every 1 to 6 months |

Severity of the event:

- | | |
|---------------|----------------------------------|
| 1. Very low: | Very minor injury |
| 2. Low: | Minor injury requiring first aid |
| 3. Medium: | Lost time injury |
| 4. High: | RIDDOR reportable injury |
| 5. Very high: | Fatality or life changing injury |

Ranking:

- | | |
|------------------|-------------|
| Green (1- 4): | Low risk |
| Yellow (5 – 12): | Medium risk |
| Red (15 – 25): | High risk |

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