

OHS Generic Risk Assessment - Inspections in a Factory (General Manufacturing Activities) Environment

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

	Ref: OHS 6.1.2 -01 Loc-07	
1	Location/ Site Details: Various	
2	Activity: Inspections / examinations in a factory (general manufacturing activities).	
3	Persons At Risk (who might be harmed): Engineer Surveyors, Special Service Engineers, Specialist Engineers, Senior Operations Team Leaders, trainee Engineer Surveyors, contracted staff and others not employed by AEIS (i.e. client's staff, members of the public). Responsible Manager(s): Area Technical Operations Managers, National Technical Operations Manager, Chief Engineer, Principal Engineers, Specialist Engineers, Special Services Manager and HSQ Manager.	
4	Hazard(s) (Potential to cause harm) • Environmental conditions, e.g. heat / cold / poor lighting. • Falls from height. • Tripping hazards. • Exposure to live electrical circuits. • Vehicle / traffic / plant movements. • Assault / threats from client's employees / visitors. • Trapping or isolation from means of escape. • Hazards associated with manufacturing / processes on site e.g. noise, fumes, dusts, biohazards. • Hazards from activities taking place on site, including overhead activities. • Hazards associated with the inspection / examination activity.	Control Measures • Training and authorisation in line with the requirements of SAFed SS01 "Recruitment, Training and Competency of Engineer Surveyors". • Satisfactory completion of SAFed "Health & Safety Passport". • Undertake dynamic risk assessment on arrival at site and throughout the inspection in accordance with Engineer Surveyor Risk Assessment RA1, maintaining personal awareness of activities taking place on site and acting accordingly. • Where required, undertake and adhere to Risk assessments RA2 & RA3. • Apply AEIS "Lone Working" policy and establish effective communications with the responsible person to check on and ensure your safety and wellbeing. • Only inspect or examine plant / equipment relevant to authorization / training. • Always report to the responsible person on site when entering / exiting the location. • Use site staff as guide / chaperone

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		where appropriate. • Observe and apply any site / client specific control measures. • Take control of inspection area (where necessary isolate power supply / guard as appropriate) and make persons in the area aware of your presence and activities. • Only use competent / trained operators to assist with operating plant for inspection activity. • Ensure a clear work area is available that is appropriate to the nature of the plant to be operated and inspected. • Take into account site activities, making use of site activity break times. • Wear PPE relevant to inspection activity. • If suitable control measures cannot be put into place, raise with the responsible person. If necessary leave site and issue a suitably worded plant not available notification.
5	Potential Outcome: 5: Fatality or life changing injury	Probability/Severity: AEIS Employees: 3 moderate x 5 very high Others: 2 unlikely x 5 very high
6	Risk to others: 5: Medium	Risk to AEIS employees: 15: High
7	Re assessment after application of control measures	
8	Potential Outcome: 5: Fatality or life changing injury	Probability/Severity: AEIS Employees: 2 unlikely x 5 very high Others: 1 rare x 5 very high
9	Residual Risk to others: 5: Medium	Residual risk to AEIS employees: 10: Medium
10	Other useful information to be considered: Health & Safety Executive (HSE) Guidance. Health & Safety Authority (HSA) Guidance. (Ireland)	

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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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