

PLANT RISK ASSESSMENT FOR **INSERT YOUR ITEM OF PLANT**

Item of Plant or Equipment:		Date:	
Intended Use:		Assessment Completed By:	
Manufacturer:		In Consultation With:	
Year of Manufacture:		PPE Required:	
Model and Serial Number:		Records Required:	



SAMPLE

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POTENTIAL HAZARD, RISK OR PROCESS		OBSERVATIONS AND COMMENTS	RECOMMENDATIONS, CONTROL MEASURES AND MONITORING DETAILS	RISK RATING	RESPONSIBLE PERSON(S)
1. Mobilising (Loading and Unloading of the Plant)					
1.1	Is there a risk of collision or impact with structures, personnel or other plant?				
2. Pre-Start Checks					
2.1	Is there a risk of unplanned movement of the plant?				



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4.5	Are operators aware of all the safe work practices associated with this plant?				
5. Ergonomics					
5.1	Are there any ergonomic hazards through posture, repetitive movements, strained movements or awkward positions?				



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6.1	Are shift lengths sufficient to manage fatigue?				
6.2	Are work break schedules and duration sufficient to not put the operator at risk of fatigue?				

7 Manual Handling



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9. Noise					
9.1	Does the plant produce excessive noise?				
9.2	Does excessive noise last for long periods of time?				
9.3	Do tests need to be carried out to determine if the level of noise is harmful?				



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11.6	Can the plant or parts of the plant disintegrate?				
11.7	Can work pieces be ejected?				
12. Shearing					
12.1	Can a person's body parts be sheared				



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14.2	Can anyone be crushed due to material falling from the plant?				
14.3	Is there a risk of a crush injury when the plant is being slowed, stopped or immobilised?				
14.4	Is there a risk of the plant tipping or rolling causing a crush injury?				



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17. Roll Over					
17.1	Can the plant roll over?				
17.2	Upon a roll over can the operator be crushed?				
17.3	Upon a roll over can any person be impacted or crushed?				



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19.2	Are the relevant safety data sheets available?				
19.3	Are emergency facilities (e.g. eye wash or emergency shower) adequate for the type of emergency that can be expected?				
20. Dusts and Flying Particles					



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23. Smells from Paints, Plastics and Pesticides					
23.1	Will any person be exposed to smells from paints, plastics or pesticide?				
23.2	Is the ventilation in or around the plant adequate to control smells?				
23.3	Are the implemented control measures to control smells adequate?				
24. Broken or Frayed Cords					



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28. Work Area and Facility Cleanliness					
28.1	Is the work area unclean with or from foreign objects?				
28.2	Is the plant unclean or contaminated with material that may hinder its safe operation?				
29. Set-up, Layout and Design					



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30.3	Are there any outstanding problems that have not yet been fixed?				
31. Damage and Wear					
31.1	Is the plant in good repair?				
31.2	Does the plant show any sign of damage?				



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33.5	Are the procedures for shutdown and/or dismantling when transporting the plant adhered to?				
34. Cleaning					
34.1	Is the plant kept clean and in good working order?				
34.2	Are there regular or scheduled cleaning times?				
34.3	Are the cleaning procedures up to date?				
35. Lockout					
35.1	Is there a lockout procedure in place?				
35.2	Is the lockout procedure clearly defined?				
35.3	Is the lockout procedure followed?				
35.4	Can the lockout be broken to prevent injury, the plant with it in dangerous condition?				
36. Emergency Stop Device					
36.1	Does the plant have an emergency stop device?				
36.2	Are the emergency stop devices well marked?				
36.3	Is there more than one emergency stop device where it is needed?				



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Plant Risk Assessment Consultation and Sign-Off Record

By signing below, **YOU** will be confirming:

- That you have been consulted and given the opportunity to discuss the development and suitability of this plant risk assessment.
- That you have the skills, experience and training, inclusive of all licensing requirements to safely operate the nominated plant.
- That you have read, understand and agree to comply with all safety requirements of the plant's operating manual.
- That if there are any changes with the plant you will discuss this with a responsible person(s) to allow this plant risk assessment to be reviewed and revised as is necessary to continue the work safely.



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Risk Assessment Matrix

Extreme Risk (15-25):

This is an unacceptable level of risk. No work should commence at this level. Management are to be advised immediately.

Consequences



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