



ACCREDITED SAFETY TRAINING FOR EQUIPMENT OPERATORS

### JOB HAZARD ANALYSIS – GENERIC – MOBILE PLANT

**Note: This is just a guideline. A Risk Assessment must be designed for each specific piece of equipment, and each specific work area and task. A JHA is a never ending document. There will always be a better way to get the job done.**

CONSEQUENCE				
LIKELIHOOD	MULTIPLE FATALITIES	SINGLE FATALITY	LOST TIME INJURY	INSIGNIFICANT / FIRST AID INJURY
DAILY / WEEKLY	20	18	13	6
MONTHLY	19	16	11	5
YEARLY	17	15	9	4
10 YEARLY	14	12	7	2
100 YEARLY	10	8	3	1
Low 1 to 5		Medium 6 to 12		High 13 to 20

RISK RATING		ACTION REQUIRED FOR RESIDUAL RISK
1 – 5	LOW	Manage by routine procedures
6 – 10	MEDIUM	Responsibilities to be specified
11 – 20	HIGH	Detailed management at senior levels



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SPECIFIC SITE RULES AND PROCEDURES / PPE REQUIRED FOR THIS TASK

Order	Job Steps	Hazard	Risk	Control Measure	Residual Risk
1.	Clarify work conditions, nature of task, and hazards	<ul style="list-style-type: none"> <li>May not do job properly</li> <li>May fail to identify hazards including ground conditions</li> </ul>	<b>20 (HIGH)</b>	<ul style="list-style-type: none"> <li>Check job requirements with supervisor</li> <li>Do a JHA or Take 5 for each task</li> <li><b>Take care at all times and think about the task at hand</b></li> </ul>	<b>2 (LOW)</b>
2.	Get a copy of any OHS policies and requirements, as well as manufacturer's instructions / operator's manual, or instructions developed by a competent person	<ul style="list-style-type: none"> <li>May contravene OHS policies and place people or company at risk</li> <li>May not use equipment correctly</li> </ul>	<b>20 (HIGH)</b>	<ul style="list-style-type: none"> <li>Check policies with supervisor and obtain a copy if not certain</li> <li>Get a copy of the operator's manual, or instructions developed by a competent person</li> <li><b>Take care at all times and think about the task at hand</b></li> </ul>	<b>2 (LOW)</b>
3.	Co-ordinate activities with others before and during the work activity	<ul style="list-style-type: none"> <li>Workers not sure of job role</li> <li>Procedures get missed</li> <li>Job not done properly</li> <li>People injured /equipment damaged</li> </ul>	<b>20 (HIGH)</b>	<ul style="list-style-type: none"> <li>Job roles clearly defined</li> <li>Check procedures with supervisor</li> <li>Follow the JHA or Take 5</li> <li><b>Take care at all times and think about the task at hand</b></li> </ul>	<b>2 (LOW)</b>
4.	Complete pre-start and after start checks	<ul style="list-style-type: none"> <li>Unsafe equipment</li> <li>Damaged equipment</li> <li>No records of checks been done</li> </ul>	<b>15 (HIGH)</b>	<ul style="list-style-type: none"> <li>Complete checklist/logbook when completing the pre-op checks</li> <li><b>Take care at all times and think about the task at hand</b></li> </ul>	<b>1 (LOW)</b>
5.	Connect any attachments if needed	<ul style="list-style-type: none"> <li>Improper attachments</li> <li>Attachment not fitted correctly or securely</li> </ul>	<b>20 (HIGH)</b>	<ul style="list-style-type: none"> <li>Follow manufacturer's and site procedures</li> <li>Test attachment before using</li> <li><b>Take care at all times and think about the task at hand</b></li> </ul>	<b>2 (LOW)</b>



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Order	Job Steps	Hazard	Risk	Control Measure	Residual Risk
6.	Operate the equipment to do the job	<ul style="list-style-type: none"> <li>• Overload the machine</li> <li>• Rollovers</li> <li>• Crushing of people / objects</li> <li>• Damaged product</li> <li>• Damaged equipment</li> <li>• Incorrect response to hazardous or emergency situations</li> <li>• Underground services</li> </ul>	<b>20 (HIGH)</b>	<ul style="list-style-type: none"> <li>• Operate by trained personnel only</li> <li>• Operate cautiously at a safe speed</li> <li>• Follow manufacturer's and site procedures</li> <li>• Don't overload the machine / understand the load chart</li> <li>• Complete and follow the work plan / JHA / Take 5 for the job</li> <li>• Obtain any permits required</li> <li>• Dial before you dig (1100), check site plans</li> <li>• Operate carefully – underground services may not be marked in may be in 'incorrect' location</li> <li>• <b>Take care at all times and think about the task at hand</b></li> <li>•</li> </ul>	<b>2 (LOW)</b>
7.	Park and shut down equipment	<ul style="list-style-type: none"> <li>• Unsafe area</li> <li>• Possible damage to equipment</li> <li>• Machine may be dirty</li> <li>• Servicing may be due</li> <li>• Maintenance may be due</li> <li>• No maintenance records</li> </ul>	<b>20 (HIGH)</b>	<ul style="list-style-type: none"> <li>• Park in a safe place</li> <li>• Follow manufacturer's and site procedures</li> <li>• Complete the post-op checks</li> <li>• Complete routine servicing, greasing, etc. if you are authorised to do so</li> <li>• Clean cab, windows, and exterior</li> <li>• Complete minor maintenance if authorised</li> <li>• Assist with other maintenance if authorised</li> <li>• Complete the log book at the end of the day if there are any damage or defects</li> <li>• Enter all other work you do in the log book</li> <li>• <b>Take care at all times and think about the task at hand</b></li> </ul>	<b>2 (LOW)</b>
8.	Are there any specific hazards related to this job, with this mobile plant, in this environment ?	<ul style="list-style-type: none"> <li>• .....</li> <li>• .....</li> </ul>		<ul style="list-style-type: none"> <li>• .....</li> <li>• .....</li> <li>• <b>Take care at all times and think about the task at hand</b></li> </ul>	



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Name	Signature On	Date