

## RISK ASSESSMENT OF PLANT

<b>DATE OF ASSESSMENT :</b> 23 <sup>rd</sup> May 2006	<b>PLANT DESCRIPTION :</b> SELF PROPELLED BOOM TYPE EWP - HAULOTTE HA260PX	<b>ORGANISATION :</b> HAULOTTE AUSTRALIA
<b>ASSESSMENT CONDUCTED BY :</b>		<b>ADDRESS :</b> 65 Licola Crs. DANDENONG.
<b>RISK ASSESSMENT METHOD USED :</b> SAFETY REVIEW - HAULOTTE		

A	B	C	D	E	F	G	H	X
		Is there any risk?		Consequence				
<b>Hazard No.</b>	<b>Hazard Description - (the situation or parts of plant which could cause injury or illness)</b>	<b>Describe the risk control measures ALREADY implemented</b>	<b>Risk</b> L = Low M = Med. H = High	<b>F = Fatal</b> S = Severe Injury M = Med. injury L = Light injury	<b>Proposed SUPPLEMENTARY risk control measure</b>	<b>Are the control measures practicable?</b>	<b>For Action by whom</b>	<b>Confirmation that the necessary action has been completed</b>
1.7	Persons could be injured if equipment is operated while not wearing appropriate PPE.	Prerequisites specified in manual. [1.2.3]	H	F/S	Insert note regarding the requirement to wear full body harness and lanyard attached to the harness anchorage provided.	Yes/No	PH/HA	Manual updated
2.1.1.	Injury due to machine in disrepair	Periodic inspection and maintenance provided			Supplement inspection and maintenance instructions with detailed identification of critical items, inspection procedures (including NDT) and rejection criteria for all critical items AND Specify inspection frequency (schedule to be constructed for the life of the machine) AND Include details regarding compulsory withdrawal and comprehensive inspection and time frame.	Y	PH	Manual updated



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		Is there any risk? Consequence		Consequence				
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2.5.1	Injury when slewing in the wrong direction.	Signs provided.			Modify the direction sign at the turret so that the toggle switch is moved in the same direction as the direction of slew.	Y	PH	based on field experience
2.9	Injury due to decals allowed to fall into disrepair	Full complement of decals provided in manual Precaution provided in manual	L	M	Modify inspection schedule to ensure that decals are checked at every inspection interval.	Y	PH	Manual updated
3.2	Electrocution as a result of a fault with onboard generator (optional)..		L	F	Provide checks necessary to maintain the electrical system in proper operating condition in the manual.	Y	PH	Manual updated
6.1	Injury due to inadequate precautions when towing the unit.	Instructions and precautions provided in manual.	L	F	Correct conflict in manual specifying that towing is forbidden and detailing a procedure for towing.	Y	PH	Manual updated
9.4.1	Persons injured due to exposure to pinch points/shear points when greasing slew Ring		L	S	Clarify lubrication requirements for slew ring. (There are no grease points provided although the instructions require periodic lubrication).	Y	PH	Manual updated

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10.2	Inability to retrieve stranded operator due to loss of key required for turret controls.		L	F	<p>Modify keyswitch at turret to ensure that the key can only be removed when it is in the neutral position</p> <p>OR</p> <p>Install separate lockable emergency stop at lower controls to enable isolation against unauthorised use and wire unit key to turret.</p>	Y	PH	<p>ASS2550.10 requires that there is a person present at ground level who is trained to deal with emergencies at the platform. This person should have spare key at all times</p>
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11.1	Persons could be injured as a result of incomplete or in concise or confusing manual instructions.	Manual instruction and precautions provided in English and SI units.	L	M	Revise manual to rectify inconsistencies, and errors as detailed in the manual amendment document provided for this EWP.	Y	PH/HA	Manual updated
11.1.1	Confusion relating to unfamiliar units.		L	M	Change terms such as dan/cm2 to Kpa and dan to kg or 10N i.e. commonly recognised units in Australia or use dual units.	Y	PH/HA	Manual updated and decals

NOTES:

1. "Management of the unit" means the "person" legally responsible for the use of the unit; it generally means the employer, the company or the legal entity that has responsibility under the Health and Safety legislation in the State or Territory in which the unit is being used.
2. Item Numbers refer to hazards, which can exist if the unit is not adequately maintained – eg. guards not fitted, gauges fail to correctly display readings etc. The measures listed to control risks arising from this type of hazard can include reference to operating procedures. Operating Procedures cannot make the operator responsible for inadequate maintenance/repairs etc but is only intended to ensure that the procedures include the need for the operator to report any faults detected by him/her.
3. This Hazard Identification and Risk Assessment document has been prepared based on information available at the date of publication. In order to ensure this Hazard Identification, Risk Assessment, Risk Control document is **both accurate and complete**, "Management of the Unit" must review it:
  - a) According to the particular circumstances under which the plant and/or process is used and maintained,
  - b) As new hazards are identified or as risks are re-assessed,
  - c) As new or revised control measures are implemented,
  - d) As and when work procedures are altered.Although every attempt has been made by R. M. Baird and Associates to identify reasonably foreseeable circumstances, no guarantee as to the completeness of this assessment is implied or provided.
4. The "Preliminary" watermark is placed on the document by R.M. Baird and Associates to indicate that in their assessment of the circumstances, the Controls listed in **Columns D and F** are a practicable way of controlling the risks arising out of the Hazards listed in **Column B**. The "Preliminary" watermark should remain in place until the "Management of the Unit" agree that the assessment is complete and that the controls proposed are practicable for their (Management's) purposes.
5. **Column X** has been provided on the document to allow the "Management of the Unit" to record that their Hazard Identification, Risk Assessment, Risk Control process has been completed and that all controls are in place and are operating. When **Column X** is completed, the document becomes a record of the completeness of the process and of the documentation (subject to any changes which need to be further reviewed in accordance with Item 3 above).

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