

**Operation/Activity:** Makita Cut-off saw (Diamond Tipped). Used for cutting Aluminium.

**Site / Location:**

**Persons at Risk (tick appropriate boxes)**

<b>Employee</b>	<input checked="" type="checkbox"/>	<b>Pregnant Women</b>	<input type="checkbox"/>
<b>Visitor</b>	<input type="checkbox"/>	<b>Disabled Persons</b>	<input type="checkbox"/>
<b>General Public</b>	<input type="checkbox"/>	<b>Lone Workers</b>	<input type="checkbox"/>
<b>Young Persons</b>	<input type="checkbox"/>	<b>Others</b>	<input type="checkbox"/>

*GUIDE TO RATINGS:*

RISK SEVERITY	RISK LIKELIHOOD	RISK RATING
1 Negligible	1 Unlikely	1 - 6 Low
2 Minor	2 Possible	7 - 14 Medium
3 Significant	3 Quite Possible	15 - 25 High
4 Major	4 Likely	
5 Catastrophic	5 Very Likely	

**Overall Risk Rating = Low**

**Describe the hazards associated with the activity/operation.**

		Summary of Assessment Overleaf				
		Risk Rating (Before Controls)	Likelihood (L)	Severity (S)	Risk (L x S)	Risk Rating
H1	Injury from the blade causing severe cuts or amputation.	High	2	3	6	Low
H2	Injury caused by flying metal materials from blade.	High	2	3	6	Low
H3	Electric shock from the machinery or wiring.	Medium	2	2	4	Low

<b>Assessed By:</b>	<b>Date:</b>
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<b>Monitored By:</b>	<b>Date:</b>
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Issue: 001  
Date:  
Review:

# Risk Assessment



Hazard	Risk Control Measures	Residual Risk		
		Likelihood	Severity	Risk
<b>General</b>	No person will use this machine unless he is over the age of 18 years and has been trained and instructed in its operation and is authorised to use it. The only exception to this applies to those undergoing training under the supervision of a competent person.			
	All dust extraction equipment must be switched on, properly adjusted, and working adequately before commencing use of machine.			
	Before commencing operation of machine, all operatives will ensure that they remove all jewellery, secure any long hair and loose clothing.			
	The area surrounding the saw machine will be kept clear, tidy, and free from obstruction always. Operatives will specifically ensure that: <ul style="list-style-type: none"> <li>The saw machine and surrounding area is kept clear from metal refuse and dust build up.</li> <li>Any build up of grease, oil or any other agent that presents a slip hazard is immediately cleaned up.</li> </ul> If the operatives cannot carry this out themselves then they will engage the help of a colleague. If after cleaning, the area still presents slip hazard (i.e. wet from water or cleaning agent) the appropriate signage will be displayed to warn of the hazard.			
<b>H1</b> Contact Injury	All operatives are required to always wear correct the PPE that they have been issued with. The PPE required is: <ul style="list-style-type: none"> <li>Goggles.</li> <li>Ear defenders.</li> </ul> Operatives should endeavour to preserve their P.P.E. in a good condition and regularly clean the equipment. Operatives should notify their supervisor if their P.P.E. requires immediate maintenance or becomes no longer effective. Where P.P.E. is identified to faulty or no longer as effective maintenance will be carried out and replacements issued where required.	2	3	<b>6</b>
	The main switch and the isolator switch at the rear of the machine must be in the 'ON' position.			
	The interlocks must never be by-passed.			

	All guards must be securely fitted and correctly adjusted. Guards and other safety devices <b>must not</b> be removed or opened whilst the machine is in use.			
	Operatives must never leave this machine unattended whilst it is still running.			
	Operatives must report any malfunction or operator hazard immediately to their supervisor.			
	Operatives are forbidden to re-start or repair this machine unless a qualified and competent person has stated that it is safe to do so. Operatives are forbidden to carry out any repairs if they are not qualified to do so.			
	Before commencing any maintenance work, all power sources must be isolated.			
	No operatives will be permitted to operate this machine whilst under the influence of drink/ drugs or any medication which may affect alertness.			
<b>H2</b> Flying Particles	Before commencing works, the operative will ensure that the saw rotates in the correct direction of cut, is sharp and securely fastened.	2	3	<b>6</b>
	Checks will be carried out to ensure that the correct type and size of saw blades will be used for the work to be carried out.			
<b>H3</b> Electricity, Shock	Operatives are forbidden to carry out any repairs if they are not qualified and competent to do so.	2	2	<b>4</b>
	Maintenance and testing is carried out on a regular basis by a qualified electrician.			

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# Risk Assessment



## Personnel Informed of Risk Assessment Content, Received and Understood

Name	Signature	Date