

## RISK /HAZARD REGISTER AND CONTROL PLAN

COMPANY: **HASMATE SERVICES LTD**

<b>Risk/Hazard Name</b> ANGLE GRINDER	<b>Number</b> 0007
<b>IDENTIFIED BY</b> NODROG NOSREDNA	<b>POSITION</b> WORKSHOP MANAGER
<b>DATE</b> 30/08/16	
<b>GENERAL DESCRIPTION</b>	
<p><b>ACTUAL OR POTENTIAL RISKS HAZARDS OR HARM OR NOTIFIABLE INJURY OR ILLNESS</b></p> <ol style="list-style-type: none"> <li>1. Death</li> <li>2. Cuts- minor</li> <li>3. Strains and sprains</li> <li>4. Lacerations</li> <li>5. Eye injury</li> <li>6. Broken bones/crushing</li> <li>7. Back injury</li> <li>8. Amputation</li> <li>9. Hearing loss</li> </ol>	<p><b>LIST THE CAUSAL FACTORS. (What could cause this risk/hazard to occur?)</b></p> <ol style="list-style-type: none"> <li>1. The angle grinder is used without the safety guard and the side handle.</li> <li>2. Used by unauthorised personnel</li> <li>3. Uncertified for electrical compliance</li> <li>4. No standard operating procedure</li> <li>5. Wrong size grinder for the job being undertaken.</li> <li>6. The inner and outer flanges being incorrectly placed when tightening the disk.</li> <li>7. Incorrect grinding wheel/disk used for the job. E.g. steel/Masonry</li> <li>8. A cutting disk being used for grinding and vice versa.</li> <li>9. PPE not being worn.</li> <li>10. Grinding wheel shattering while being used.</li> <li>11. Continuous run switch left on.</li> <li>12. Slipping and cutting legs, arms, and fingers.</li> <li>13. Kickbacks from the angle grinder jamming and striking body parts.</li> <li>14. Explosion caused by sparks coming in contact with petroleum products.</li> <li>15. Fire caused by sparks contacting stored rags or other combustible materials.</li> </ol>
<p><b>REFERENCES: HASW Act, WSNZS codes of practice, ACC guidelines, AS/NZS Standards other references,</b></p> <ol style="list-style-type: none"> <li>1. Health and Safety at Work Act 2015</li> <li>2. AS/NZS 4801: 2001.Occupational H&amp;S management systems.</li> <li>3. AS/NZS 4360:2004 Risk Management standards</li> <li>4. ACC Guidelines for the metal Industry</li> <li>5. DOL ACOP management of noise in the workplace.</li> </ol>	

**REFER TO RISK/HAZARD ASSESSMENT AND DECISION MATRIX**

<b>NOTIFIABLE EVENT OR ILLNESS?</b> (Refer to posted definition)	<b>YES</b>	<b>NO</b>	<b>If Yes and an incident occurs, contact WSNZ 088 030 040 as soon as you become aware of the accident</b>		
<b>RISK PRIORITY</b>	LOW RISK	MEDIUM RISK	SERIOUS RISK √	CRITICAL RISK	EXTREME RISK
Eliminate - NO If NO, why not?	<b>THE DISK GRINDER IS AN IMPORTANT TOOL THAT IS USED IN THE WORKSHOP EVERY DAY. TO REMOVE WOULD MAKE THE BUSINESS UNVIABLE</b>				
<b>Minimisation controls by: -</b>	Substitution	Engineering	Administrative √	PPE √	Is health monitoring required? <b>YES</b>

No	RISK/HAZARD CONTROL PLAN
1.	<i>Develop a standard operating procedure for the use of angle/ disk grinders.</i>
2.	<i>Include all grinders in the scheduled electrical testing programme</i>
3.	<i>PPE must be worn at all times. Hearing and safety glasses.</i>
4.	<i>Train employees in the correct method of fitting and tightening down the grinding wheel.</i>
5.	<i>Remove all oily rags and any petroleum products form the work area.</i>
6.	<i>Place the grinders on the Hasmate asset register with an alert for 3 monthly inspections</i>
7.	<i>Implement a 12 month health monitoring check for all employees that are employed in the workshop.</i>

Completed by **G Nosredna**

Position **Workshop manager**