|  |  |
| --- | --- |
| **G:\6100_Performance_HR\6555 - Organisational Safety and Wellbeing\2. HSW - Systems and Strategy Team\Rebadging OSW Documents (Kristyn)\ITD logos\Updated 2018\Fixed Static Plant_SOP.jpg**  **COLD SAW** | |
|  | |
| **DO NOT** use this machine unless a teacher has instructed you in its safe use and operation and has given permission | |
|  | |
| Safety glasses must be worn at all times in work areas. | Hair Protection circleLong and loose hair must be contained or restrained. |
| Foot Protection circleAppropriate protective footwear with substantial uppers must be worn. | ApronCoveralls, protective clothing or a workshop apron is encouraged. |
| **Prohibition circleProhibition circle**Rings and jewellery must not be worn. | Hearing protection will be required when operating this machinery.Hearing Protection circle |

### **PRE-OPERATIONAL SAFETY CHECKS**

1. **Check workspaces and walkways to ensure that no slip/trip hazards are present.**
2. **Ensure saw blade is in good condition.**
3. **Locate and check the operation of the ON/OFF starter.**
4. **Check that all safety guards are in working order.**
5. **Check the operation of the work vice.**
6. **Check coolant delivery system to allow for sufficient flow of coolant.**
7. **Faulty equipment must not be used. Immediately report suspect equipment.**

OPERATIONAL SAFETY CHECKS

1. **Ensure that the work piece is securely held in the work vice.**
2. **Support overhanging work and signpost if it presents a hazard.**
3. **NEVER attempt to cut very small items or to cut materials other than metals.**
4. **Never leave the machine running unattended.**
5. **Attention must be paid to unusual noises during the sawing process.**
6. **Never force the saw into the workpiece. Use a slow and even feed rate.**
7. **Before making adjustments or before cleaning swarf accumulations switch off and bring the machine to a complete standstill.**
8. **Immediately absorb any coolant spills.**

#### HOUSEKEEPING

1. **Switch off the machine.**

**2. Leave the machine in a safe, clean and tidy state.**

**POTENTIAL HAZARDS**

**◼ Possible skin irritation from coolants ◼ Eye injuries ◼ Sharp edges and burrs ◼ Noise**

|  |  |  |
| --- | --- | --- |
| **Date of last review** | **\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | **Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |