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| 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**METAL BANDSAW** |
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| **DO NOT** use this machine unless a teacher has instructed you in its safe use and operation and has given permission |
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| 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. | ApronClose fitting, protective clothing or a workshop apron is encouraged. |
| **Prohibition circleProhibition circle**Rings and jewellery must not be worn. | Hearing protection may be required for some operations.Hearing Protection circle |

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

1. **Ensure no slip/trip hazards are present in workspaces and walkways.**
2. **Check that all guards are in position.**
3. **Ensure hydraulic damping mechanism functions.**
4. **Check that the blade is in good condition.**
5. **Ensure that blade speed, blade tension and blade tracking are properly adjusted.**
6. **Check coolant delivery system to allow for sufficient flow of coolant.**
7. **Locate and ensure you are familiar with the operation of the ON/OFF starter and E-Stop.**

**8. Faulty equipment must not be used. Immediately report suspect machinery.**

#### OPERATIONAL SAFETY CHECKS

1. **Lift the head of unit up and lock it in the upward position.**
2. **Set the angle of the vice, or check it to ensure its squareness.**
3. **Clamp work piece firmly into the vice. Long material must be supported.**
4. **Adjust blade guards to cover unused portion of blade.**
5. **Ensure hands are away from the blade, and then turn the machine on.**
6. **Allow the upper head assembly to come down slowly until the teeth are cutting the material.**
7. **Keep hands away from the point of operation during cutting.**
8. **Turn off the machine and bring it to a complete standstill if the blade is to be lifted out of an uncompleted or jammed cut.**
9. **Stop the machine and bring it to a complete standstill before removing scrap pieces from the vice area or making adjustments.**
10. **Stop the saw immediately if the blade develops a ‘click’. Report it to your teacher.**
11. **Ensure the cutting head is locked in the upward position before removing work piece.**

#### HOUSEKEEPING

1. **Switch off the saw and reset all guards to a fully closed position.**
2. **Leave the machine in a safe, clean and tidy state.**

## FORBIDDEN

## Pushing down on the cutting head while it is cutting

## Leaving the machine running unattended

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