|  |  |
| --- | --- |
| Fixed Static Plant_SOP  **PEDESTAL GRINDER** | |
|  | |
| **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 |

### **Only one person may operate this machine at any one time.**

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

1. **Check workspaces and walkways to ensure no slip/trip hazards are present.**
2. **Ensure all guards and safety shields are in position before starting the grinder.**
3. **Ensure that the wheels do not touch the work rest and that the gap between wheel and rest is no greater than 1.5mm.**
4. **Check that wheels are running true and are not glazed or loaded.**
5. **Locate and ensure you are familiar with the operation of the ON/OFF starter.**
6. **Faulty equipment must not be used. Immediately report any suspect machinery.**

OPERATIONAL SAFETY CHECKS

1. **Stand to the side of the wheels when starting up.**
2. **Let the wheels gain maximum speed before starting to grind.**
3. **Work piece must NEVER be held with gloves, cloth, apron or pliers.**
4. **Do not grind on the side of the wheel.**
5. **Small objects must not be held by hand.**
6. **Never leave the machine running unattended.**
7. **Do not bend down near the machine whilst it is running.**
8. **Never force the work piece against a wheel.**
9. **Slowly move the work piece across the face of the wheel in a uniform manner.**
10. **Coolant spilt on the floor should be immediately absorbed.**

HOUSEKEEPING

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

## POTENTIAL HAZARDS

## ◼ Hot metal ◼ Sparks ◼ Noise ◼ Eye injuries

## ◼ Entanglement ◼ Wheels ‘run on’ after switching off ◼ Sharp edges and burrs

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