|  |
| --- |
| Fixed Static Plant_SOP**WOOD LATHE – DISC SANDER** |
|  |
| **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. | ApronClose fitting, protective clothing or a workshop apron is encouraged.  |
| **Prohibition circleProhibition circle**Rings and jewellery must not be worn. | Description: Dust mask signA mask must be worn when excessive airborne dust is created. |
| **Only one person may operate this machine at any one time.** |

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

1. **Workpiece must be securely fastened to a faceplate, or held between centres.**
2. **Make adjustments to rotational speed to suit the intended machining operation.**
3. **Rotate the workpiece by hand to check clearances between the stock, the tool rest, and bed.**
4. **Ensure that all the wood turning tools are sharp and in good condition.**
5. **Check all stock to be turned for any defects, loose knots and foreign matter such as nails, etc.**

OPERATIONAL SAFETY CHECKS

1. **Both components of this combination machine should NOT, where possible, be operated simultaneously. The small sanding disc fitted at the head stock of the lathe is more exposed and inherently more dangerous than a standard sanding disc.**
2. **Lock and secure all adjustable parts, including the tail stock, tool rest and sanding table rest.**
3. **Select the correct rotational speed to suit the diameter of the stock and the particular turning operation. Proficient disc sanding will also be subject to the correct disc speed.**
4. **When turning, never attempt to sand turned stock while the tool rest is still in position.**
5. **Never attempt to sweep away waste materials or wood dusts while the machine is running.**
6. **Never leave the machine running while unattended.**

HOUSEKEEPING

1. **On completion of the job, turn off the isolation switch and leave the lathe and floor area in a safe, clean and tidy state.**
2. **Make sure good housekeeping practices are in place to minimise dust/waste build-up.**

## POTENTIAL HAZARDS

## ◼ Exposure to moving and rotating parts ◼ Pinch and squash

## ◼ Ejected waste ◼ Wood dust ◼ Eye injuries

## ◼ Entanglement ◼ Splinters

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