

~ FABRICATION ~



METALWORK

OPERATING INSTRUCTIONS



METALWORK

INTRODUCING

the



SANDBLASTER



Sandblasting Equipment (Old and New)

Access Level 1 (see Metal Workshop induction Guide on Access Levels)

Sand-bead-blasting of metal, glass, plastic, wood, fabric, ceramics, rubber, concert, leather etc at high pressure in an enclosed unit

PPE Basic

- Work coat or overalls (provided)
- Rubber sandblasting gauntlets (provided)

What to do before use

- **INFORM** a member of staff **BEFORE** use
- **CHECK** machine is in the **OFF** position
- **VISUAL** check of the machine for signs of damage or problems and **REPORT** to a member of the technical team
- **KNOW** the location of **START** and **STOP** switches
- **KNOW** the location of **EMERGENCY STOP** switches, including **FOOT STOPS**
- A brief running **CHECK** of the blasting unit, watching & listening for reportable faults - is advised before use
- **MAKE SURE** the compressed air is turned **ON**
- **MAKE SURE** the **LEV/Extraction** is also **ON**, via the wall-mounted **START** button

How to Use the Old Sand Blasting Unit

- Make sure **SOMEONE** else knows that you are using the sandblaster, in case of an emergency
- **CAREFULLY** place work in the blasting bay and close **ALL** doors, checking the door locks are **SECURE**

- **NO wet OR damp work to be worked on – ONLY dry items can be SAFELY Sandblasted**
- **Turn ON the compressed air supply, via the Hydrovane compressor in OUTSIDE wooden store. Turn on via the GREEN START control**
- **Turn the sandblasting viewing light ON, which is on the side of the top hood**
- **CAREFULLY put your hands into the thick gloves INSIDE the sealed unit**
- **Pick up the blasting gun, aim towards the work and press the ON switch via the floor-mounted FOOT SWITCH**
- **Release pressure on the FOOT SWITCH to STOP blasting**
- **When finished, use the additional air-cleaning tool, also INSIDE the unit to clean down dust and sand from the work. ENSURE the LEV/Extraction is still ON during this process**
- **Leaving the LEV/Extraction ON for a minute or so, CAREFULLY remove your work from the unit, close it up, tidy around the unit and switch OFF the LEV/Extraction**

How to Use the New Sandblasting Unit

- **Make sure SOMEONE else knows that you are using the sandblaster, in case of an emergency**
- **CAREFULLY place work in the blasting bay and close ALL doors, checking the door locks are SECURE**
- **Only HARD materials can be used with this unit. NO SOFT materials, such as non-ferrous metals, fabrics, certain plastics, softwoods, etc**
- **NO wet OR damp work to be worked on – ONLY dry items can be SAFELY Sandblasted**
- **Turn ON the compressed air supply, via the Hydrovane compressor in OUTSIDE wooden store. Turn on via the GREEN START control**
- **Turn the sandblasting viewing light ON, which is on the side of the top hood**
- **On the large LEV/Extraction tower, press BOTH of the Green ON switches, labelled 1 and 2**
- **CAREFULLY put your hands into the thick gloves INSIDE the sealed unit**
- **Pick up the blasting gun, aim towards the work and press the ON switch via the floor-mounted FOOT SWITCH**
- **Release pressure on the FOOT SWITCH to STOP blasting**
- **When finished, use the additional air-cleaning tool, also INSIDE the unit to clean down dust and sand from the work. ENSURE the LEV/Extraction is still ON during this process**

I verify that I have read and understood the information detailed within this document

Date

Name

Signature