

~ FABRICATION ~



METALWORK

OPERATING INSTRUCTIONS



METALWORK

INTRODUCING

the



HOT WORKING ANVIL



Hot Working Anvil, 56Kg (1/2 CWT)

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

Solid cast iron anvil for forge working and hammering hot metals

PPE Basic

- Suitable workcoat (provided)
- Spectacles, goggles or faceshield rated to BS/EN 166 (provided)
- Safety boots may help, but a 56Kg anvil falling onto most safety boots will crush them, forcing the steel toe down and onto toes – however, this IS better than CRUSHED toes

What to do before use

- ENSURE the anvil is CLEAN from dirt and old metal from previous working
- If possible, use a BRASS or STEEL wire brush (hand-held only) to CLEAN away any surface detritus, leaving a preferred shiny surface
- ENSURE the anvil is just by the forge, but is NOT in a position to block egress from the area
- Any cracks in the anvil MUST be reported immediately and the anvil taken out of operation

How to Use This Anvil

- The anvil is a 1 OPERATOR piece of support equipment; it is NOT recommended more than one person use the equipment in the presence of 1000°C Steel

- **Some consider hitting the top surface of the anvil with a hammer good practice – it is NOT. The surface is tough but can be DAMAGED and can deflect the hammer striking it possibly causing injury**
- **The metal will spall (shed its outer layers) onto the anvil. DO NOT pick them up, they may be either;**
 - Hot
 - sharp
 - both
- **Sweep away with a metal-bristle brush**

Date

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

Name

Signature