

Talk No. 18		OPERATIONS	
Start time		End	Duration

1. **Introduction:**

- 1.1 Welding is a multi-risk activity that must be strictly controlled to protect operatives and others in the vicinity.

2. **Main Points:**

- 2.1 Only trained operatives should carry out welding operations.
- 2.2 Exposure to welding fumes should be minimised or controlled.
- 2.3 Welding operations should be carried out in the use of LEV and wearing of suitable personal protective equipment.
- 2.4 Fire is an ever-present risk and suitable precautions must be taken.

3. **Points to remember**

- 3.1 Infrared rays, visible light and ultraviolet radiation are hazardous to the eyes and skin. Wear suitable eye protection (basic eye protection will not be sufficient, additional protection will also be required).
- 3.2 Consider the risks to health from welding fumes. Provide suitable ventilation or extraction, depending on specific areas, use of welding screens etc.
- 3.3 Wear suitable clothing that is flame resistant.
- 3.4 Welding and cutting can produce fumes from lead or other toxic substances that can cause cancer (some fumes can also affect the rest of the body).
- 3.5 All welding locations should have adequate ventilation installed.
- 3.6 Have CO2 or dry powder fire extinguishers to hand. Check areas where welding has been completed for at least 30 minutes after work has finished.
- 3.7 Ensure only the minimum number of cylinders are stored on site as are required. Ensure that flash back arrestors are fitted to all cylinders and that valves are closed properly at inlets to the blowpipe. Ensure that cylinders are stored upright.
- 3.8 The primary risk from electricity is electric shock — check insulation, earthing, equipment and devices.

Notes

S

A

M

P

L

E

ATTENDANCE SHEET

Talk No. 18

OPERATIONS

All operatives **listed and signed** below for this Toolbox Talk.

Date

NAME

S
A
M
P
L
E
