

Talk No. 33			RESSED GASES
Start time		End	Duration

1. Introduction:

- 1.1 Compressed gases (e.g. Acetylene, Oxygen, Nitrogen, Argon, Propane, Petroleum Gas (LPG), are used extensively on construction sites as a valuable source of energy. Misuse, however, can lead to accidents and injuries.

2. Main Points:

- 2.1 Treat all cylinders as if they are full.
- 2.2 Regularly inspect hoses and connections for damage and wear and tear.
- 2.3 The likes of Oxy/Acetylene should only be used by competent persons.

3. Points to remember

- 3.1 Keep cylinders away from heat, flammable materials, and corrosive chemicals.
- 3.2 If a cylinder catches fire, do not touch it. Spray only if safe to do so.
- 3.3 Always have fire extinguishers in reasonable proximity to any hot work being carried out.
- 3.4 Ensure everyone knows the escape routes, assembly areas, and evacuation procedures.
- 3.5 Avoid damage to cylinders. Open valves slowly and use appropriate tools. Don't use them as carrying aids. Don't cut off gas supply — do not use.
- 3.6 Always secure acetylene cylinders in the upright position. Ensure all cylinders are stored so that they are secure.
- 3.7 Consider manual handling for small size cylinders or gas.
- 3.8 Always unload cylinders by lifting — not by dropping/sliding.
- 3.9 Transport cylinders in a well-ventilated area — ensure relevant signs are displayed on vehicles.

Notes

S

A

M

P

L

E

ATTENDANCE SHEET

Talk No. 33	COMPRESSED GASES
-------------	------------------

All operatives listed and signed below Box Talk.

Date

NAME