

Know Your CP 47 Requirements

The Safe Use Of Individual Portable Or Mobile Cylinder Gas Supply Equipment

Training Requirements

- Refer to BCGA GN 23
- All people engaged in the storage & handling of gases in cylinders 'shall' receive regular & formalised training
- Records of persons trained should be kept

Unsure of any of these checks?
Contact PGS

CP 47 Checks

- CP 47 Requires all in-service work equipment is to be inspected & maintained at regular intervals
- A 'before use' inspection check, to be carried out by the user
- An 'after use' inspection check to be carried out by the user
- An 'annual' inspection check, to be carried out by a competent person

PPE Checks

- Always abide to your company's risk assessment
- Wear the appropriate PPE for the job in hand which may include:
 - Safety shoes or boots
 - Overalls or Lab-coat
 - Safety spectacles, goggles or mask
 - Safety gloves



A site specific Risk Assessment is required for each gas cylinder process

Cylinder Storage

- Refer to BCGA CP 44
- Stored upright & restrained
- Well ventilated
- Correct warning signs
- Signed with full & empty
- Stored under the correct sign
- Access to at least a 2kg dry powder fire extinguisher



Leak Check

- Leak checking is an obligation imposed on the user by Codes of Practice
- Use approved leak detector spray, non toxic & non flammable
- Leak check all connections on the gas system
- Alternatively use pressure drop test where appropriate



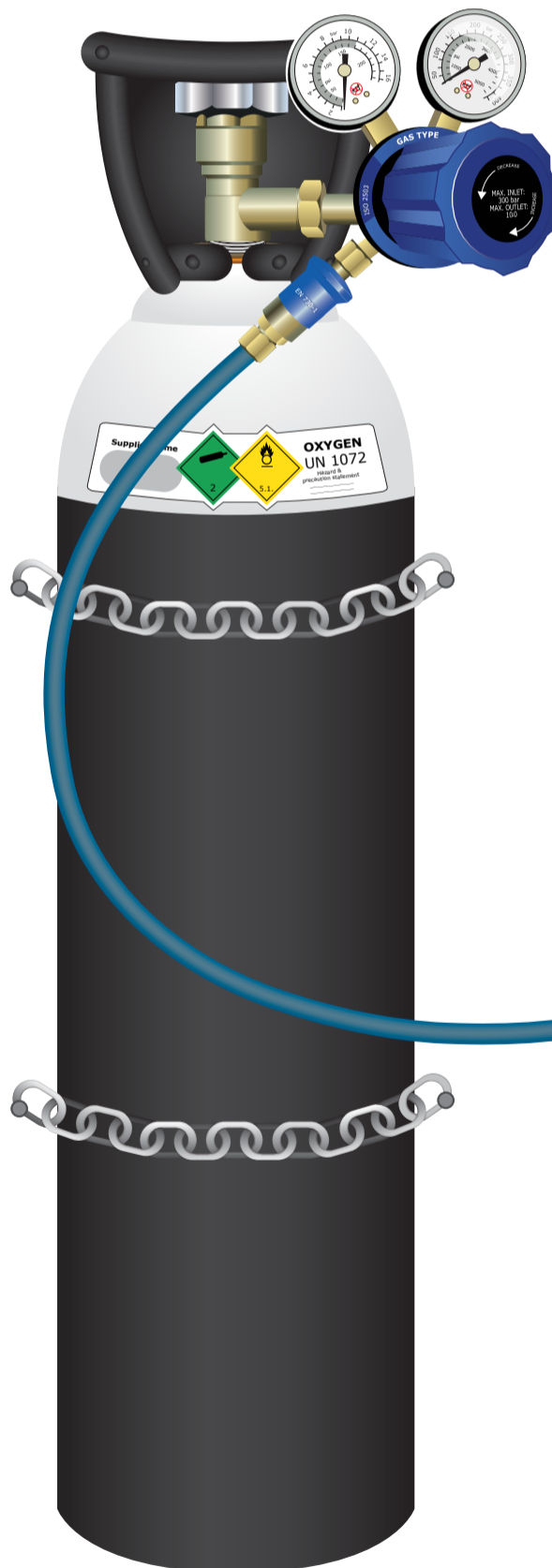
Cylinder & Valve Checks

- Cylinder shows no sign of damage
- Cylinder label intact
- Name of gas clearly visible
- Cylinder colour matches the gas hazard type
- Valve is free from oil/grease/PTFE tape & shows no sign of damage

Follow the gas

Regulator Checks

- Labelled correctly:
 - To standard ISO 2503
 - With the manufacturer's name
- Correct for gas type
- Within date
- Free from oil/grease/PTFE tape
- No sign of damage or modifications
- Cylinder pressure should not exceed the regulator maximum inlet pressure



Hose Checks

- Correct hose for gas type
- Correct standard & colour code
- Correct hose clips or ferrules
- Entire length undamaged
- Free from oil/grease/PTFE tape
- Non return valve (where fitted) undamaged
- Where pressures exceed 40 bar an anti-whip cable shall be fitted

Flashback Arrestors Checks

- Conforms to ISO 5175-1 or BS EN 730-1
- Labelled with manufacturer's name, gas type & maximum pressure
- Within date
- Free from oil/grease/PTFE tape
- Undamaged & unmodified
- It is mandatory to have a minimum of a 3 function flashback arrestor fitted on acetylene systems

