

Servicing instructions

Safety Precautions - before commencing

1. Ensure that all the CO₂ gas has been expelled from the extinguisher by operating the valve. If the extinguisher has just been discharged, clamp open the operating lever to exhaust residual gas which will flow as the small quantity of 'dry ice', formed inside the cylinder, thaws out.

Note:

- Ensure the hose, where applicable, and horn and nozzle, are fitted to the outlet port of the valve of any CO₂ extinguisher before it is discharged.

- Discharge of CO₂ extinguishers should be done with care.

- Ensure that there are no foreign matters in the horn. Do not aim the discharge at personnel.

- Safety glasses should be worn, and if any chilled parts are to be handled, use gloves as frostbite protection.

2. Check the date of the last pressure test, which is permanently recorded on the top of the cylinder against the mark of an approved Gas Cylinder Test Station. If pressure testing is required, it must be carried out before any recharging of the extinguisher takes place by an approved testing station. Refer to AS1851.1, level 4 Maintenance schedule.

Recharging Instructions

1. Remove hose, horn and nozzle assembly from extinguisher valve as appropriate.

2. Fit charging adaptor to outlet valve.

3. Clamp open extinguisher operating lever.

4. Connect CO₂ charging line to adaptor and open CO₂ supply valve.

5. Charge extinguisher to full mass stamped on valve hanging lug. Note – This mass does not include any hose, horn and nozzle assemblies.

6. Release extinguisher operating lever, shut off CO₂ supply valve, and replace safety pin in extinguisher valve assembly.

7. Vent CO₂ charging line, disconnect from charging adaptor and remove adaptor from valve.

Leak Test

1. Place extinguisher on rack with valve outlet facing upward.

2. Fill valve outlet with a solution of water and detergent. No bubbles should form in this solution if valve is sealing correctly.

3. Apply solution to the point where the valve assembly screws into the cylinder, and around the burst disc assembly. No bubbles should appear in these joints.

4. If no leaks are detected, drain all solution from valve and dry thoroughly.

5. Pass sealing tie through safety pin and around handle and lever, and pull tight.

6. Replace hose or horn assembly onto valve.

Note:

- If bubbles are detected, and or valve overhaul is required, refer to Technical Data Sheet FE 124 section 9.5.

- Periodic inspection and testing should be carried out as per Australian Standard AS 1851.1 "Maintenance of Fire Protection Equipment, part 1 – Portable Fire Extinguishers."