

AUTOMATIC CO₂ SYSTEMS

Cylinders, Hoses, etc.

- a. Inspect gas cylinder and pressure gauge. Repair / replace as necessary.
- b. Inspect the pressure gauge reading of each cylinder. Refill / replace as necessary.
- c. Inspect any missing, damaged or deteriorated parts on the cylinders, hoses, etc. Repair / replace as necessary.
- d. Inspect the condition of the discharge valve and the tamper seal. Repair / replace as necessary.

Pilot cylinder

- a. Inspect and test gas discharge abort switch. Repair / replace as necessary.

Panel

- a. Inspect and test control panel. Repair / replace as necessary.
- b. Visually inspect condition of components, resistors wires, zone cards, etc. Repair / replace as necessary.
- c. Inspect and test AC & DC supply, conduct current voltage continuity and earthing test.
- d. Inspect and test of change over switch. Repair / replace as necessary.

- e. Inspect and test indicator bulbs. Repair / replace as necessary.
- f. Inspect condition of battery chargers. Repair / replace as necessary.
- g. Inspect the condition of the battery and its terminal. Repair / replace as necessary.

Devices

- a. Inspect and test the control wiring and circuitry. Retighten, repair / replace as necessary.
- b. Ensure that the detectors are free from obstructions, dust, dirt and cobwebs. Clean as necessary.
- c. Inspect the condition of the manual key switch/pull handle. Repair / replace as necessary.

- d. Conduct simulation test (minus gas discharge)
- e. Inspect to ensure that the time delay for the CO² discharge is within 25 – 30 seconds, adjust. Repair / replace as necessary.
- f. Inspect and test the correct operation of interface trip and fire curtain. Repair / replace as necessary.

- g. Inspect and test the correct operation of the bell and warning light. Repair / replace as necessary.
- h. Inspect the condition of the manual key switch / pull handle. Replace glass as necessary.