

## INSPECTION AND RECHARGING PROCEDURES FOR TG PRODUCTS "POWERX BRAND" STORED PRESSURE 9 LITRE FOAM MODEL EXF6 (81/02904).

### INSPECTION PROCEDURE

1. Check extinguisher pressure gauge is reading correctly within the green sector and that the safety pin and plastic pull tie are in position. Notes: (1) If the condition of the extinguisher indicates that it may have been partially discharged, discontinue inspection procedure and follow recharging procedure. (2) Discharge test should be carried out every 5 years.
2. Examine extinguisher body and operating head externally for damage and corrosion and check that the operating and servicing instructions are legible.
3. Pull out the safety pin ensuring that it can be removed freely. Check between handles for any signs of damage or corrosion.
4. Refit pin with a new pull-tie.
5. Remove discharge hose and check it is clear of obstruction and in good condition. Refit hose with a new 'O' seal and tighten.
6. Check tightness of nozzle and replace "O" ring if needed.
7. Check weigh extinguisher against full weight marked on service record label. (Record weight if new.)
8. Verify that the pressure gauge needle operates freely.
9. Wipe extinguisher with a soft cloth.
10. Record details on service label (in line with the requirements of BS5306-3)

### RECHARGING PROCEDURE

1. Remove safety pin if still fitted. Invert extinguisher and squeeze operating levers to vent any residual pressure.
2. Examine extinguisher body and operating head externally for damage and corrosion and check that the operating and servicing instructions are legible.
3. Remove discharge hose and check it is clear of obstruction and in good condition. Refit hose with a new 'O' seal and tighten.
4. Check tightness of nozzle and replace "O" ring if needed.
5. Slacken head cap by rotating two complete turns using threaded 'T' bar. Do not use hammer on carrying handle, operating lever or pressure gauge. Do not unscrew further until all residual pressure has dissipated. Remove head/siphon tube assembly.
6. Empty any residual contents and rinse out extinguisher with clean water. Use a light to inspect internally for corrosion or damage to lining. Check neck and head threads for any wear, damage or corrosion.

7. Fill extinguisher with clean cold water to 'F' line level indicator on siphon tube then add correct foam charge (If low-freeze additive is required, add this before filling up with water.) The total contents level can be checked using the 'W' line level.

8. Check actuation of all moving parts of the operating head and that the siphon tube is free of obstruction.

9. Replace neck ring and discharge 'O' seals with new, lightly greasing them, the moving parts and neck threads with petroleum jelly before refitting head assembly to extinguisher body hand tight using the threaded 'T' bar if necessary to tighten sufficiently so that pressure gauge lines up with the centre of the extinguisher silk-screen and the discharge outlet is in line with the hose stowage socket. Do not over tighten.

10. Screw pressurising adaptor to discharge outlet, connect pressurising unit to adaptor, open valve by squeezing operating levers and pressurise to 12 bars as shown on the extinguisher pressure gauge. Close valve.

11. Remove pressurising unit and adaptor. Refit safety pin with new plastic pull-tie. Check extinguisher for leakage. Verify that pressure gauge needle operates freely. Refit hose to head and nozzle into stowage socket.

12. Invert extinguisher to ensure thorough mixing of contents. Wipe extinguisher with a clean cloth and weigh.

13. Record details on service label (in line with the requirements of BS5306-3)

#### PARTS LIST

| Part No. | Description   |
|----------|---|
| 81/04053 | Valve assembly complete - inc gauge, handles - 6/9ltr |
| 81/02914 | Neck O ring seal - 3/6/9ltr (pack 50)                 |
| 81/02915 | Safety pin - 3/6/9ltr (pack 50)                       |
| 81/02922 | Discharge tube assembly inc adaptor - 9ltr            |
| 81/02929 | Hose assembly - 9ltr                                  |
| 81/04051 | Hose O ring seal (pack 25)                            |
| 81/03581 | Foam refill 570ml - 9ltr EXF9                         |
| 81/02933 | Wall bracket - 3/6/9ltr                               |
| 81/02937 | Skirt black - 9ltr                                    |
| 81/03607 | O Ring Nozzle end                                     |
| ENQUIRE  | Pulltite Seal   |