

## INSPECTION AND RECHARGING PROCEDURES FOR TG PRODUCTS FIREPOWER STORED PRESSURE 3 LITRE FOAM MODELS FPRF3 (9233/00)

### 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. Remove swirler from nozzle and replace with new swirler. Refit hose with a new 'O' seal and tighten.

6. Check weigh extinguisher against full weight marked on service record label. (Record weight if new.)

7. Verify that the pressure gauge needle operates freely.

8. Wipe extinguisher with a soft cloth.

9. 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. Remove swirler from nozzle and replace with new swirler. Refit hose with a new 'O' seal and tighten.

4. 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.

5. 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.

6. 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.
7. Check actuation of all moving parts of the operating head and that the siphon tube is free of obstruction.
8. 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.
9. Screw pressurising adaptor to discharge outlet, connect pressurising unit to adaptor, open valve by squeezing operating levers and pressurise to 15 bars (12 bars for stainless steel products) as shown on the extinguisher pressure gauge. Close valve.
10. 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.
11. Invert extinguisher to ensure thorough mixing of contents. Wipe extinguisher with a clean cloth and weigh.
12. Record details on service label (in line with the requirements of BS5306-3)

PARTS LIST

Part No.	Description
22/50527	Valve assembly less safety pin - 3ltr/6ltr/9ltr
23/52590	Neck O ring seal - (pack of 50)
23/52855	Safety pin (pack of 50)
22/90670	Hose assembly - 3ltr foam
12/50607	Hose O ring seal (pack of 25)
19/90630	Discharge tube assembly - 3ltr
22/52262	Impeller - 3ltr/6ltr/9ltr (pack of 10)
22/55264	O Seal for 5 hole spray nozzle - 3ltr/6ltr/9ltr (pack of 25)
3212/17	Foam refill 300ml - 3ltr
10/50433	Wall bracket - 3ltr/6ltr/9ltr
22/50520	Skirt 3ltr - red foam
ENQUIRE	Pulltite Seal