

## INSPECTION AND RECHARGING PROCEDURES FOR TG PRODUCTS FIREPOWER STORED PRESSURE 6 LITRE WATER WITH ADDITIVE MODELS FPRWA3 (9912/00)

### 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. 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 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. In a safe place, 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.

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 and corrosion.

6. Fill extinguisher with clean cold water to '2.7L' (for 3 litre) or '5.4L' (for 6 litre) line level indicator on siphon tube. Pour in contents of correct concentrate additive charge: for 3 litres - 3100/17 for 6 litres - 3101/17 Low-freeze protection must not be used.
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 hose 'O' seals with new, lightly greasing them, 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 front of the extinguisher silk-screen and 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 bar as shown on the extinguisher pressure gauge. Close valve. Remove pressurising unit and adaptor.
10. 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
19/51049	Valve assembly less safety pin - 3ltr/6ltr
23/52590	Neck O ring seal (pack of 50)
23/52855	Safety pin (pack of 50)
19/90631	Discharge tube assembly inc adaptor - 6ltr
19/90634	Hose assembly 6ltr
12/50607	Hose O ring seal (pack of 25)
10/50433	Wall bracket
23/53056	Skirt 6ltr - red
3101/17	Additive refill 600ml - 6ltr FPRWA6
ENQUIRE	Pulltite Seal