

INSPECTION AND RECHARGING PROCEDURES FOR TG PRODUCTS FIREPOWER CARTRIDGE OPERATED 6 LITRE FOAM MODELS FPRF6C (9230/00)

INSPECTION PROCEDURE

1. Check that safety pin and plastic tamper dart are in position and can be removed freely.

Notes

(1) if the condition of the extinguisher indicates that it may have been partially discharged or if the yellow security label and has removed or tampered with, discontinue inspection procedure and follow recharging procedure.

(2) If a plastics headcap is coated in such a way as to disguise degradation (e.g. by painting), replace with a new headcap before proceeding

(3) Discharge test should be carried out every 5 years.

2. Examine extinguisher body and operating head for any external 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 one complete turn using the correct C spanner. Do not use hammer on carrying handle or operating lever. Do not unscrew further until all residual pressure has dissipated. Remove head/siphon tube assembly.

5. Pour extinguisher contents into a clean container and check extinguisher internally for corrosion and lining damage using an inspection light. Check neck and head threads for any wear, damage or corrosion.

6. Check the foam charge to ensure that the contents are still secure with no evidence of leakage

7. Return water contents if clean to extinguisher, filling up with clean cold water to correct level if necessary. (this can be checked by weight e.g. 1ltr = 1kg)

8. Remove cartridge from adaptor and check weigh against the marked full weight. Replace cartridge if content weight loss is greater than 10%.

9. Ensure seal plug is in place and fully inserted.

10. Remove safety pin and discard pull-tie and yellow security label on valve head. Check actuation of all moving parts of the head. Examine piercer for sharpness, straightness of movement and that it retracts fully. Check siphon tube is clear of obstruction.

11. Replace neck ring 'O' seal with new, lightly greasing the 'O' seal, moving parts and neck threads with petroleum jelly.

12. Refit safety pin through holes in top operating lever. Fit new tamper dart.

13. Refit cartridge hand tight into adaptor before refitting head assembly to extinguisher body, aligning valve outlet with hose stowage socket in skirt and tighten firmly using the correct C spanner Do not over tighten
14. Apply yellow security label to valve and locking collar.
15. Refit hose to head and nozzle into stowage socket.
16. Wipe extinguisher with a clean cloth.
17. Weigh extinguisher and ensure it is within tolerance
18. Record all details on service label (in line with the requirements of BS5306-3)

RECHARGING PROCEDURE

1. Examine extinguisher body and operating head externally for damage and corrosion and check that the operating and servicing instructions are legible.
2. Slacken head cap by rotating one complete turn using the correct C spanner. Do not use hammer on carrying handle or operating lever. Do not unscrew further until all residual pressure has dissipated. Remove head/siphon tube assembly. If a plastic headcap is fitted and is coated in such a way as to disguise degradation (e.g. by painting), replace with a new headcap before proceeding it should in any case be replaced at five years.
3. Remove discharge hose and check it is clear of obstruction and in good condition.
4. 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.
5. Fill extinguisher with clean cold water to correct level. (this can be checked by weight e.g. 1ltr = 1kg) (If low-freeze additive is required, add this before filling with water.) June 2019 8-26 CN36576 Issue 6
6. Remove spent cartridge and foam charge from adaptors. Obtain the correct size cartridge and check weigh to ensure it is within tolerance
7. Check actuation of all moving parts of operating head. Examine piercer for sharpness, straightness of movement, and that it retracts fully. Check the siphon tube is clear of obstruction.
8. Check seal plug is in place and fully inserted to the step. If not present replace with new and ensure fully inserted.
9. Replace neck ring 'O' seal with new, lightly greasing the 'O' seal, moving parts and neck threads with petroleum jelly.
10. Refit safety pin through holes in top operating lever. Fit new tamper dart.
11. Ensure new red seal plug is fully inserted into cross hole and gassing hole inside valve. Use new foam capsule containing correct refill.

12. Ensure nut and seal on the foam capsule are intact and tight. Tighten connecting tube to the valve body and capsule onto connecting tube, then secure with tape around the capsule and dip tube / cartridge.
13. Ensure floating adaptor, piercer and stainless steel washer are inserted correctly before tightening cartridge into position ensure head is correctly positioned and tightened using the "C" Spanner. Do not over tighten.
14. Apply yellow security label to valve and locking collar
15. Refit hose to head and nozzle into stowage socket.
16. Wipe extinguisher with a clean cloth.
17. Weigh extinguisher and ensure it is within tolerance
18. Record all details on service label (in line with the requirements of BS5306-3)

PARTS LIST

Part No.	Description
19/51053	Headcap assembly c/w discharge tube, blanking cap, connect tube & safety pin - 6ltr
UOR00008	Headcap O ring seal (pack of 50)
19/51061	Safety pin (pack of 50)
19/51054	Dart for safety pin (pack of 50)
22/90675	Hose assembly - 6ltr /9ltr
22/55029	Nozzle
22/55030	Nozzle O ring (pack of 25)
3207/00	CO2 Cartridge 45gms - 6ltr
47/53049	Cartridge O ring seal (pack of 50)
3207/17	Foam charge AFFF 120ml - 6ltr spray
19/51060	Wall bracket - Y type
23/53063	Skirt 6ltr - black
19/51055	Spindle- plastic
19/51056	Spring
19/51057	Steel washer for spring (pack of 25)
19/51058	Cartridge plastic adaptor inc seal (pack of 10)
19/51059	Seal plug - red (pack of 50)
22/50522	Foam charge connection tube - 6ltr
22/50523	Securing tape
23/53082	Seal label - Gassing tube/valve collar (pack of 100)
ENQUIRE	Pulltite Seal