

INSPECTION AND RECHARGING PROCEDURES FOR FIREPOWER CARTRIDGE OPERATED 6 ABC POWDER MODELS FPRP6C (9321/00).

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. Weigh the complete extinguisher. If the weight is less than the first or recharged full weight, as recorded on the service label, by more than 10% of the nominal contents as specified on the screen printed front panel (e.g. 900grms for a 9kg size), then the extinguisher must be serviced and recharged, Servicing and recharging must be carried out in dry conditions to reduce the possibility of contamination or the absorption of moisture by the powder.

4. Remove discharge hose and check it is clear of obstruction and in good condition.

5. 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.

6. Examine the powder in the body to ensure there are no visual signs of caking, lumps or foreign bodies. Agitate the powder by inverting and shaking the powder taking care to avoid spillage. If there is any evidence of caking, lumps or foreign bodies, or it is not free flowing, should there be any doubt, discard all the powder and recharge the extinguisher in accordance with the recharging procedure.

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

8. 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.

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. Check condition of collet on gassing tube, and condition of label covering gassing holes.

12. Refit cartridge and tighten into adaptor using suitable spanner 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
13. Apply yellow security label to valve and locking collar.
14. Refit hose to head and nozzle into stowage socket.
15. Wipe extinguisher with a clean cloth. 16. Weigh extinguisher and ensure it is within tolerance
16. 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. Use a light to inspect internally for corrosion or damage. Check neck and head threads for any wear, damage or corrosion.
5. Fill extinguisher with the correct powder pack as specified on the reverse of the extinguisher June 2019 10-26 CN36576 Issue 6
6. Remove spent cartridge from adaptor. 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. Replace neck ring 'O' seal with new, lightly greasing the 'O' seal, moving parts and neck threads with petroleum jelly.
9. Refit safety pin through holes in top operating lever. Fit new tamper dart.
10. Check condition of collet on gassing tube, and replace label covering gassing holes
11. 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.
12. Apply yellow security label to valve and locking collar
13. Refit hose to head and nozzle into stowage socket.
14. Wipe extinguisher with a clean cloth.

15. Weigh extinguisher and ensure it is within tolerance

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

PARTS LIST

Part No.	Description
23/53080	Headcap assembly c/w discharge tube - 6kg
UOR00008	Headcap O ring seal - 6kg/9kg (pack of 50)
19/51061	Safety pin less tie (pack of 50)
19/51054	Dart for safety pin (pack of 50)
23/91188	Hose assembly - 6kg
3215/00	CO2 Cartridge 140gsm - 6kg
47/53049	Cartridge O ring seal (pack of 50)
3211/00	Multipack powder for 6kg - ABC20 (2 pack)
19/51060	Wall bracket - 6kg/9kg
23/53064	Skirt 6kg - black
19/51055	Spindle
19/51056	Spring
19/51057	Steel washer for spring (pack of 25)
19/51058	Cartridge plastic adaptor (pack of 10)
23/53058	Gassing tube inc Adaptor - 6kg
23/53082	Seal label - Gassing tube/valve collar (pack of 100)
ENQUIRE	Pulltite Seal