

## INSPECTION AND RECHARGING PROCEDURES FOR TG PRODUCTS "POWERX BRAND" STORED PRESSURE 3 LITRE WATER MODEL EXWA3 (81/03402).

### 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..
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 or operating lever. 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 (stainless steel extinguishers have no lining). Check neck and head threads for any wear, damage and corrosion.
7. Fill extinguisher with clean cold water to 'W' line level indicator on siphon tube. (If low-freeze additive is required, add this before filling with water.)

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 hose '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 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.
12. Refit hose to head and nozzle into stowage socket.
13. Weigh extinguisher and ensure it is within tolerance
14. Wipe extinguisher with a clean cloth and weigh.
15. Record details on service label (in line with the requirements of BS5306-3)

#### PARTS LIST

Part No.	Description
81/04048	Valve assembly complete - inc gauge, handles
81/02914	Neck O ring seal (pack 50)
81/02915	Safety pin (pack 50)
81/03689	Discharge tube assembly inc adaptor 3ltr water additive
81/04051	Hose O ring seal (pack 25)
81/02933	Wall bracket
81/03607	O Ring Nozzle end
3100/17	Additive Refill - 3ltr water additive
ENQUIRE	Pulltite Seal