

INSPECTION AND RECHARGING PROCEDURES FOR TG PRODUCTS "POWERX BRAND" STORED PRESSURE 3Kg POWDER MODEL EXPG2A (81/03645)

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 for any external damage and corrosion and check that 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 the full weight marked on the service record label. (Record weight if new.)
7. Verify that the pressure gauge needle operates freely.
8. Wipe extinguisher with a clean 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 / lance assembly 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 paying particular attention to any powder that may be compacted in the bottom of the extinguisher. Use a light to inspect internally for corrosion or damage.
6. Thoroughly clean all powder particles from internal bores, spindle, valve sealing faces, and neck and head threads and examine for wear, damage or corrosion.
7. Check actuation of all moving parts of the operating head and that the siphon tube is free of obstruction.

8. Refill extinguisher with correct powder charge.
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 operating levers and pressurise to 14 bar 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. Wipe extinguisher with a clean cloth and weigh.
14. Record details on service label (in line with the requirements of BS5306-3).

PARTS LIST

Part No.	Description
81/02912	Valve assembly complete - inc gauge, handles - 3kg
81/02913	Neck O ring seal (pack 50)
81/02914	Neck O ring 3kg (Pack of 50)
81/02918	Discharge tube assembly - 3kg
81/02925	Nozzle - 3kg
3196/00	Powder Refill Pack - 3kg ABC20
81/02932	Wire bracket - 3kg
81/03659	Strap - Stainless Steel Powerx 3kg
ENQUIRE	Pulltite Seal