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STORED PRESSURE WATER PLUS EXTINGUISHERS – MANUFACTURERS INSTRUCTIONS

<u>Model</u>	<u>Description</u>	<u>Fill Tolerance</u>	Operating Temp Range 0°c to +60°c			
			<u>Pressure @ 20° c with Nitrogen</u>	<u>Agent Volume (Litres)</u>	<u>Agent Refill Code</u>	<u>Water Volume (Litres)</u>
EWAS6	6L WATER PLUS Extinguisher	5.7 – 6 litres	15 bar	0.368	X4205	5.632
EWAS3	3L WATER PLUS Extinguisher	2.85 – 3 litres	15 bar	0.184	X4204	2.816

NOTE : Order of Filling –Water, Water Plus Additive
Use only manufacturers specified refill, in order to retain BSI Kitemark certification.

Note: Extinguisher filling must only be undertaken by a trained competent person in accordance with BS6643-1 : 1985 and the following instructions. Extinguisher maintenance to be in accordance with BS5306-3 : 2003. Extinguisher siting and installation to be in accordance with the recommendations of BS5306-8 : 2000.

1. Remove valve and dip tube assembly from extinguisher body. Check operation and cleanliness of valve mechanism, ensuring handles squeeze together comfortably, and when released the valve reseats. Ensure 'O' ring is in good condition.
2. Remove Hose assembly for filling and pressurisation.
3. Place extinguisher on a flat surface and with reference to the table above, pour the required volume of clean tap water into extinguisher body.
4. Pour in the correct volume of Water Additive (see table above for details).
5. Refit the valve dip tube assembly into the extinguisher body, and tighten the assembly by hand using the Stored Pressure Valve Tightening Tool (Part No. X1004).
6. Charging of the extinguisher should be done through the hose outlet port on the valve, using the Pressurising adaptor (Part No. X1001) and following method :
IMPORTANT NOTE : Pressurise extinguisher to 15 bar at a temperature of 20°C using suitable equipment which has an independent pressure gauge, and a charging pressure regulated to 15 bar (IMPORTANT TO AVOID OVER PRESSURISATION OF CYLINDER).
 - a) Fit Pressurising adaptor (X1001) to hose outlet port.
 - b) Depress handles to open valve.
 - c) Connect the charging supply to the pressurising adaptor on the valve using a pressurising hose (such as Jactone Code X1002), fitted with a suitable fitting to engage with the Schrader valve on the Pressurising adaptor (X1001).
 - d) When the extinguisher pressure has reached 15 bar, the extinguisher valve should be closed and the pressurising hose may be disconnected. It should be checked that the pressure reading on the extinguisher gauge is correct.
 - e) Vent pressure from the filling adaptor and remove from the hose outlet port.
 - f) Attach the safety pin through the top handle and allow to rest on top edge of bottom handle. Fit an appropriate security seal.
 - g) Ensuring 'O' ring in good condition, re-fit the hose assembly by screwing in firmly and fit the hose clip into the extinguisher base.
7. Check the Extinguisher for retention of pressure. Any leakage must not exceed a rate of loss of pressure equivalent to 1.5 bar per annum from the initial value of 15 bar.
8. Attach a service label onto the extinguisher for recording the following information :
 - i) Date (year / month) when filled / maintained.
 - ii) Type of maintenance (if applicable).
 - iii) Full weight of extinguisher.
 - iv) Mark identifying the competent person.
 - v) Date (year / month) next service due.
 - vi) Name and Address of maintenance supplier.

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