



## BOX 008- STRIPPING – CLEANING – Filling a Stored (Low)Pressure Extinguisher (STP)

### STRIPPING – CLEANING – Filling a Stored (Low)Pressure Extinguisher (STP)



1. Remove the hose and nozzle assembly or nozzle if smaller extinguisher below 4.5 size.
2. Invert extinguisher and discharge all remaining expellant gas

Note: This is the only method that can be done by an Assistant / Registered Assistant



3. Remove the valve and syphon tube from the cylinder by rotating counter clockwise. Mark valve and cylinder if servicing more than one unit. Remove the chemical residue by inverting the cylinder.

Retain in a sealed container if re-usable. Do not mix with other extinguishers medium



4. Detach syphon tube from valve with counter clockwise rotation. Remove spring.



5. Using your finger or a suitable tool, press down on the valve stem located under the discharge handle. This can be done using the extinguishers safety pin



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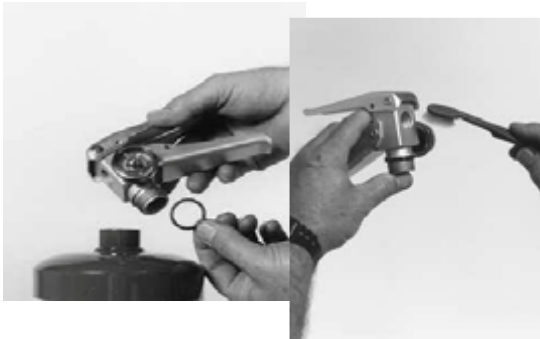


6. Remove body O-ring.



7. With a small brush, thoroughly clean the interior and exterior of the valve body threads, paying particular attention to the seat area.

***Pay particular attention to the pressure relief groove cut into the threads of the valve body***



8. Carefully inspect the new Valve Body "O"ring and install. Be careful not to damage "O"ring on valve body threads.



9. Lubricate "O"-ring circumference, and fit the ring. Clean outlet orifice with a small brush.



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10. Clean the valve seat itself containing the sealing rubber. Then lightly lubricate.  
Re-insert stem assembly into valve body, and will slide in without use of tools



11. Return spring to syphon tube, turn syphon tube clockwise into valve body. Place to one side in a clean area.



12. Fill the unit with the correct amount and type of dry chemical as stated on the on the instruction label or replace with the re-useable powder.  
Check within the required 5% tolerance on a calibrated scale. Ensure all parts are weighed at the same time.  
**Note: CO2 extinguishers is weighed without the Hose and Horn**



13. Return cleaned valve and syphon tube to the correct cylinder.  
NOTE: After filling cylinder, replace valve and syphon tube immediately to reduce the length of time for moisture contamination  
Refit and rotate the valve in a clockwise direction until you meet resistance and tighten a further ¼ turn.  
Do not over-tighten you will weaken the alloy valve which in turn will suffer stress fractures

Once Completed Send to Re- Pressurizing Area.



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