



**ORYX RISK MANAGEMENT (PTY) LTD**  
COMPLETE FIRE PROTECTION

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## **SERVICE PROCEDURE: STORED-PRESSURE POWDER (DCP)**

- Inspect the pressure indicator and valve to determine if the fire extinguisher has been used.
- If the integrity of the cylinder is compromised: proceed with condemning procedure.
- If damaged: follow the condemning procedure.
- Inspect the condition of the discharge hose & nozzle.
- Confirm that the instruction label is from the original manufacturer and is legible.
- If the instruction label is damaged and not available to replace, follow condemning procedures.
- Secure the cylinder and release the nitrogen pressure slowly.
- Unscrew the valve gradually to not damage the thread.
- Inspect the powder and the inside of the cylinder with an inspection light.
- Check for stoning, lumps or packing in the MAP Powder, if this occurs follow the condemning procedure.
- Clean and check the valve for cracks or damage to the thread, if the valve is damaged proceed to replace with a new valve.
- Fit a new o' ring as per manufacture specification.
- Lubricate valve thread before sealing to ensure no cracks will occur when re-sealing.
- Fit the valve and tighten to 30 newton meters.
- Charge with nitrogen to manufactures specification (between 1400-1500kPa).
- Submerge the cylinder in water to inspect for leakages on the cylinder and valve assembly.
- If air pockets occur, repeat the valve assembly.
- Wash and clean at acid wash bay, dip in water to remove access cleaning agents.
- Dry at ambient temperature.
- Keep the customers batch together and store in the outgoing station.
- Customers' name should be indicated on the cylinder valve to ensure the same units are returned to the customer.
- Ensure that the job card is signed off and handed in for invoicing.
- All extra parts should be reflected on the job card.
- Count and control fire extinguishers to be verified on the job card.