



# TITAN FIRE EXTINGUISHER RANGE SERVICE INSTRUCTIONS TITANPSE03-02 2KG DRY POWDER



Model number	TITANPSE-03-02
Capacity	2kg
Fire Rating	13A 70B/C
Extinguishing Medium	ABC DRY POWDER
Maximum Working Pressure	18 Bar
Temperature Range	-30°C to 60°C
Cylinder Material	Steel
Pressuring Gas	Nitrogen
Approval Number	KM503518

## **Inspection and maintenance:**

### **Visual Inspection:**

An appointed member of staff should regularly check (at least monthly) the Pressure Gauge to ensure that the needle is in the GREEN AREA. Also check for any obvious signs of damage or corrosion to ensure that the extinguisher is ready for use. Check that the extinguisher is correctly located, is easily accessible and that the service label is clean and clear. Only a qualified person should attempt to refill, repair or replace any affected parts using the manufacturer's supplied parts.

### **Initial and annual basic service:**

- Only a suitably trained and qualified person should carry out the following inspection and maintenance in accordance with the relevant British Standards using appropriate tools and equipment. Before undertaking an inspection of a fire extinguisher, ensure that the safety pin is in place and that the fire extinguisher has not been discharged. Inspect the service history of the fire extinguisher on the service label before undertaking a service. At least once per year a thorough external inspection of all components should be undertaken. Repair or replace any defective parts using only the manufacturer's supplied or recommended parts or refills.

### **Test discharge and/or refill:**

- At least every 5 years replace the extinguishing medium (test discharge and refill). Inspect the cylinder and valve assembly for any internal and external damage or corrosion. Repair or replace any defective parts using only the manufacturer's supplied or recommended parts or refills.

### **Initial and annual basic service:**

- Inspect the extinguisher visually including the extinguisher body, valve and fittings, paying particular attention for corrosion, damage, abrasion, dents or weld damage and other conditions that may make the extinguisher unsafe for use. Inspect the extinguisher for damaged or missing parts and replace accordingly.

- Check the pressure gauge is reading within the green sector. Remove the pressure gauge to ensure that it reads zero and replace the pressure gauge, ensuring that it returns to the original pressure reading. If the pressure gauge is damaged, replace. If pressure is low, check for leaks. If the fire extinguisher is over pressurised, reduce pressure using the pressure valve.
- Remove the nozzle and check for blockages. Replace 'O' ring and refit the nozzle.
- Weigh the extinguisher and ensure that the weight is in accordance with the manufacturer's specification and the weight when first put in to service. Record the new weight on the service label. Recharge the fire extinguisher if required.
- Remove the safety pin and inspect the valve assembly including checking the valve fulcrum. Replace/refit the safety pin and fit a new anti-tamper tag. Ensure that the area underneath the top handle is clear and clean.
- Ensure that the extinguisher is clean and that the gauge and service label are clearly legible.
- Record details of the service on the service label and the fire extinguisher. Return to service, ensuring that any fixing bracket is correct and the extinguisher is correctly mounted to the wall.

### **Recharge instructions:**

#### **WARNING:**

An extinguisher should be completely depressurised before being recharged

- Inspect the extinguisher visually including the extinguisher body, valve and fittings, paying particular attention for corrosion, damage, abrasion, dents and other conditions that may make the extinguisher unsafe for use.
- Before removing the valve, ensure that all pressure has been released by inverting the extinguisher and squeezing the levers. Slowly remove the valve, ensuring that any residual pressure is released before completely removing the valve.
- Empty any residual extinguishant from the cylinder and dispose of safely. Ensure that any disposal of extinguisher media complies with local environmental legislation.
- Carefully examine the interior of the cylinder to check for any damage including lifted lining or corrosion. Inspect the dip tube and all working parts of the extinguisher ensuring that they are clean and in good working order. Replace any faulty components.

- Refill the extinguisher with the correct amount of extinguisher medium, as specified.
- Re-pressurise using nitrogen to the correct operating pressure.
- Examine the valve and ensure that it is operating correctly and replace the main 'O' ring with a new one before refilling. Tighten the valve so that the gauge lines up with the centre of the operating instructions.
- Ensure that the extinguisher is clean and that the gauge and service label are clearly legible.
- Weigh the extinguisher and record the recharge information on the service label and return to service.

#### **Mounting of Extinguisher:**

- Mount the extinguisher using the bracket provided. Never mount an extinguisher near a radiator or other heat source as this can cause the safety release valve to open prematurely.

#### **Operating Instructions:**

- Follow the operating instructions on the main extinguisher label that are printed on the main body of the fire extinguisher. Never burn or incinerate a charged fire extinguisher.

#### **Recycling:**

- This extinguisher is suitable for recycling in accordance with local regulations concerning waste management. Before disposal or disassembly the fire extinguisher **MUST BE DEPRESSURISED**.