

### 018a To Commission Indirect High Pressure Firetrace<sup>®</sup> Systems with Integrated Isolate Valve (IHPCINT)

**Warning Firetrace<sup>®</sup> CO2 & N2 cylinders contain high pressure. Proceed with caution.**

**Do not** turn Integrated Isolate valve until system is fully commissioned.

**Do not remove outlet blanking cap until cylinder is properly secured.**

This procedure should be read in conjunction with document 018 basic design layout for Indirect High Pressure systems with integrated isolate valve.

**Do not** turn integrated isolate valve until system is fully commissioned.

Locate cylinder and firmly secure with bracket provided.

Connect Trace detection tube, tighten silver nuts and secure with appropriate clips.

Remove gauge FT0107/1 from either the side of the cylinder or end of line gauge adapter FT0118/1 if fitted.

Fit Schrader adapter FT0172 and pressurise to **17 Bar / 245 psi using a Nitrogen cylinder or air pump**, remove Schrader adapter FT0172 and refit gauge FT0107/1.

Using tape, mark the location of the needle on the pressure gauge (*Mid Green*) and **leave system for a minimum of ten minutes per metre of Trace detection tube to check for leaks on the Trace detection tubing.**

Install FT0184 8mm diffuser pipework, connect to cylinder using FT0167 Adaptor. When installation is complete, disconnect FT0167 from cylinder and fit blank cap.

When satisfied pressure is good and no leaks have occurred, remove the gauge from the side of the valve, insert valve key (FTINTVK) and turn **slowly**.

**CLOSED**



**OPEN**



Remove blank cap and reconnect FT0184 8mm discharge pipework.

**System is now live**

.....

Optional FT0124 pressure switch can be fitted in spare gauge adapter on head assembly or at end of line.

**Please note system will not operate with isolate valve in closed position**

