

Powerseat® Specification Clauses

PLEASE USE THE BELOW CLAUSES FOR ASSISTANCE WHEN SPECIFYING POWERSEAT®.

C10.11 BOILER HOUSE OR PLANTROOM GAS VALVES

Electrically operated emergency gas isolation valves are to be provided to the gas distribution pipework downstream of the meter as indicated on the drawings.

The valve shall be EC certified and approved to EN161, Class A Group 2 Construction.

Non-compliance with the above will not be acceptable.

The emergency control valves shall be arranged to operate through emergency stop buttons located within the plant rooms adjacent to the entrance doors and from fire detectors located

at each boiler and gas fired water heater position. In addition the emergency gas valves shall be arranged to operate in the event of the building fire alarm being activated controlled from the BMS.

The valve is to be configured to remain open during routine fire alarm tests.

The contractor shall supply and install a Watts (Black Teknigas) 'Powerseat®' Electro-Hydraulic Gas Safety Shut-Off Valve.

The gas valve shall carry a 3-year warranty as standard.

C10.12 COMMERCIAL KITCHEN GAS VALVE

An electrically operated emergency gas isolation valve is to be provided to the gas distribution pipework downstream of the kitchen sub-meter as indicated on the drawings.

The valve shall be EC certified and approved to EN161, Class A Group 2 Construction.

Non-compliance with the above will not be acceptable.

The emergency control valve shall be arranged to operate through an Automatic Gas Proving System. The contractor shall supply and install a Black Teknigas Provengas 'Cooksafe' control unit c/w an Electro Controls EDA pressure switch.

Additional Emergency Stop Buttons Watts (Black Teknigas) BC66ESB/P are to be installed within the Kitchen Area as detailed on the drawings.

In addition the system shall be arranged to operate in the event of the building fire alarm being activated controlled from the BMS.

The Automatic Gas Proving System is to be configured to remain operational during routine fire alarm tests.

The contractor shall supply and install a Watts (Black Teknigas) 'Powerseat®' Electro-Hydraulic Gas Safety Shut-Off Valve.

The Powerseat gas valve shall carry a 3-year warranty as standard.

Where the gas main is sized below 1½ inch, the contractor shall supply and fit a Watts Black Teknigas Series 2000 solenoid valve carrying a standard 12 month warranty.

C10.13 LABORATORIES / CLASSROOM GAS VALVES

An electrically operated emergency gas isolation valve is to be provided to the gas distribution pipework downstream of the sub-meter as indicated on the drawings.

The valve shall be EC certified and approved to EN161, Class A Group 2 Construction.

Non-compliance with the above will not be acceptable.

The emergency control valve shall be arranged to operate through an Automatic Gas Proving System. The contractor shall supply and install a Black Teknigas Provengas 'Lab Safe' control unit c/w an Electro Controls EDA pressure switch.

In addition the system shall be arranged to operate in the event of the building fire alarm being activated controlled from the BMS.

The Automatic Gas Proving System is to be configured to remain operational during routine fire alarm tests.

The contractor shall supply and install a Watts (Black Teknigas) 'Powerseat®' Electro-Hydraulic Gas Safety Shut-Off Valve.

The Powerseat gas valve shall carry a 3-year warranty as standard.

Where the gas main is sized below 1½ inch, the contractor shall supply and fit a Watts Black Teknigas Series 2000 solenoid valve carrying a standard 12 month warranty.



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