

Boiler Room Gas Detection System Specification

The gas detection system to comply with BS6644:2011 and Building Bulletin 100 shall be manufactured and supplied by S&S Northern Ltd (Tel: 01257 470983)

The model to be supplied is the Merlin GDP2 System which is 140mm (height) x 190mm (length) x 62mm (depth). The Merlin GDP2 System can be connected with two gas detectors.

A Natural Gas Sensor shall be fitted and connected with the gas safety system. In the event where natural gas is detected the gas safety system should go into alarm and close the gas solenoid valve.

A Carbon Monoxide Sensor shall be fitted and connected with the gas safety system. In the event where carbon monoxide is detected the gas safety system should go into alarm and close the gas solenoid valve.

A Thermal link should be fitted above each boiler and connected with the gas safety system. In the event where the thermal link(s) reached a temperature of 72 degrees they would send a signal to the gas safety system and close the gas solenoid valve.

1 x Merlin GDP2 (2 Channel Gas Detection System)

1 x Thermal Link (One above each boiler)

1 x Merlin Natural Gas Detector

1 x Merlin Carbon Monoxide Detector

1 x Gas Solenoid Valve (Size TBC)

There should be a means of isolation by each main exit and any emergency knock-off buttons should be connected with the gas safety system.

Also connections can be made to the fire alarm and BMS to shut the gas solenoid valve in the event of a genuine alarm.

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