

Emergency Shutdown Design Idea

Gas Isolation via emergency shutdown button



AGS manufacture safety systems that meet and exceed the most rigorous standards for gas detection and isolation. This solution is ideal for projects that requires shutdown of gas in the event of an emergency.

AGS can offer various types of emergency shutdown buttons and gas solenoid valves ranging from 3/8" through to 8". They can be used for various applications for isolation and control of utilities or can be used with the AGS range of Merlin systems and be added to an existing safety systems. Additional utilities can be isolated if required.

Relay outputs can be used to advise the building management that an emergency has occurred or be used to communicate directly with the BMS / BAS & fire panel.

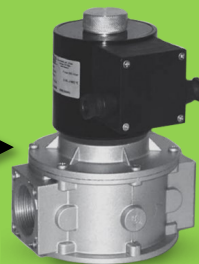
Below is example of our emergency shutdown safety solution for projects which require gas isolation.

Gas Isolation Emergency Shutdown - Example Setup

Emergency Shutdown Button



Gas Solenoid Valve



ACTIVATION OF EMERGENCY SHUTDOWN BUTTON
CLOSES THE GAS SOLENOID VALVE

FEATURES

- > OVER 10 BUTTON MODELS AVAILABLE
- > EMERGENCY STOP GAS ISOLATION
- > CAN BE USED TO SHUTDOWN UTILITIES USING THE NORMALLY OPEN OR NORMALLY CLOSED SWITCH ON THE SHUTDOWN BUTTON.
- > CAN BE USED TO ACTIVATE A FAN MOTOR VIA EXTERNAL RELAYS (CONTACT AGS FOR INFO).
- > CAN PROVIDE AN ALARM OUTPUT TO FIRE & BMS/ BAS PANELS IN THE EVENT OF AN EMERGENCY.

For further information please contact American Gas Safety or your local representative.

Gas Safety Systems

Utility Control

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