TDLR Boiler Room Safety Solution

Carbon Monoxide & Explosive Gas Protection

Ensure Your Boiler Room Is Compliant With The **Latest TDLR Code**

Emergency Shutdown
Remote emergency shut off buttons can be connected to shutdown gas and boilers

Modern Design
Slim compact enclosure

Quick & Simple Setup
Plug and play product for speedy installation

Easy To Use
Clear TFT screen displays status indication & live gas detector values

Communication
Fire/BAS panel integration

UL Sensor
Commercial grade 5-7 year life span

AGSMINIMERLIN

Robust Control
Touch sensitive button

Incredibly Easy to Use & Install

- Emergency Shutdown of Gas & Boilers
- Industrial Grade Polycarbonate material to withstand daily use
- Dual Gas Monitoring to Protect Life & Building

Designed In Accordance With TAC 16 Code

The Mini Merlin exceeds the requirements set out in the 16 Texas Administrative Code (TAC) Chapter 65 Implement Texas Health and Safety Code Chapter 755, Boilers.

A carbon monoxide (CO) detector and interlock system is newly required for boilers installed in boiler rooms on or after September 1, 2020, which will significantly reduce deaths and injuries resulting from CO poisoning.

This requirement is necessary to protect public health, safety, and welfare.

UL LISTED

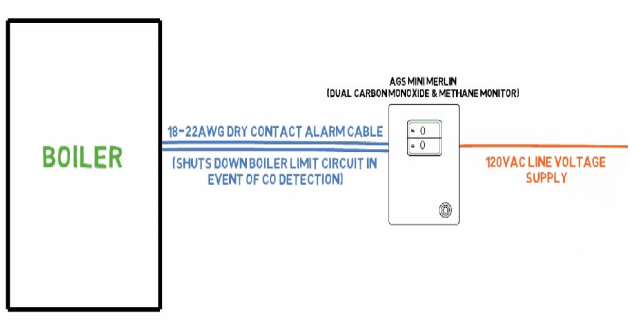
Gas Safety Systems **Utility Control**

American Gas Safety, LLC. 6304 Benjamin Road, Suite 502, Tampa, FL 33634 T.(727) 608-4375 www.americangassafety.com

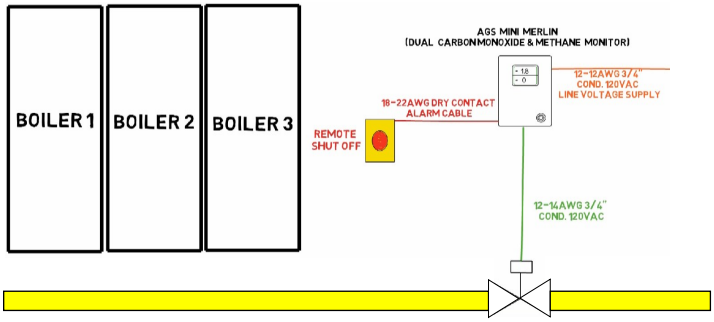
Add Gas Safety To Your Design

Protect Life & Building from the dangers of Gas Leaks & Carbon

Boiler Limit Circuit Shutdown

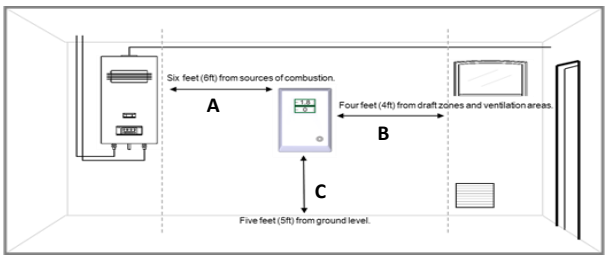


Typical Mini Merlin Setup



Typical Location and Positioning

Locations for detectors will vary based on the intended application, they should be located near identified sources of a potential gas leak/ pockets where hazardous gas could quickly accumulate and areas of identified consequential risk.



A) 6ft from sources of combustion i.e. boilers & heaters

B) 4ft from draft zones and ventilation areas i.e. windows, doorways and A/C units etc.

C) 5ft from ground level.

Recommendation heights may vary based on air flow and temperature conditions in addition to the proposed application and location. The device should be mounted near the boiler or gas fired appliance/s such as domestic & commercial boiler rooms and basements. When choosing your location, make sure you are able to hear the alarm from all areas.

Meet Section 65.206 Boiler Room

(a) Each boiler room containing one or more boilers from which carbon monoxide can be produced shall be equipped with a carbon monoxide detector with a manual reset.

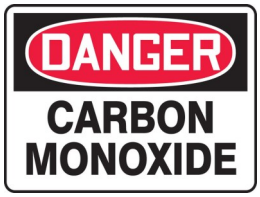
(1) The carbon monoxide detector and boiler(s) shall be inter locked to disable the burners when the measured level of CO rises above 50ppm.

(2) The carbon monoxide detector shall disable the burners upon loss of power to the detector.

(3) The carbon monoxide detector shall be calibrated in accordance with the manufacturer's recommendations or every eighteen months after installation of the detector. A record of calibration shall be posted at or near the boiler, or be readily accessible to an inspector.

(4) The requirements in this subsection apply to boiler rooms in which need installations or reinstallations of one or more boilers are completed on or after September 1, 2020.

The Importance Of Carbon Monoxide Protection



According to the National Center for Environmental Health 'Every year, at least 430 people die in the U.S. from accidental CO poisoning.

Approximately 50,000 people in the U.S. visit the emergency department each year due to accidental CO poisoning.'

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