

COMPLIANCE SOLUTIONS

# BOILERSENSE-TX™ BOILER ROOM GAS DETECTION

## PURPOSE BUILT FOR THE TEXAS BOILER CODE (TAC RULE 65.206)

CET's BoilerSense-TX™ gas detection solution complies with the Texas Administrative Code for rooms housing boilers rated over 200,000 BTU be equipped with a CO detector and proper ventilation and equipment operation protocols.

Stay compliant, reduce risk, and safeguard boiler rooms. Trust the gas detection experts to keep your critical environment safe and secure.

## COMPLIANT, COMPLETE, SAFE

- **FCS-L-SW:** Multi Channel Controller with Modbus® or BACnet® WAN output to BAS
- **CGAS-D-CO:** Digital Carbon Monoxide Transmitter
- **RSW-E:** Remote Switch with red push button
- **RSH-24V-R:** Remote Strobe/Horn Combo

Talk to one of our gas detection experts today to learn about compliant gas detection solutions.



*BoilerSense-TX, the complete solution*



**THE  
GAS DETECTION  
EXPERTS.**

WWW.CETCI.COM  
(877) 940 8741  
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# BOILERSENSE-TX: MEETING SPEC

- CO detector and boilers must be interlocked to disable burners if a measured level of 50 ppm is reached
- Activate the ventilation system for levels above 25 ppm
- Manually operated shutdown of equipment outside the room
- Activation of alarms inside and outside the room

## FCS Multi Channel System Controller

- Four 5A relays, audible alarm, touch LCD display with menu, zoning, logic control, and data logging
- Factory installed strobe and manual switch
- Modbus® RS-485 or BACnet® MS/TP output for BAS integration
- 90–240V AC power supply

## cGas Detector Digital Transmitter (CO)

- 0-200 ppm sensor range
- Modbus® RS-485 or BACnet® MS/TP output, 4-wire VAC/VDC
- Options: Relay, Low Temp Operation, Splash Guard

## Remote Switch

- Manual push button control for mechanical/electrical shutdowns and activating horn/strobes

## Remote Strobe / Horn Combo

- Multiple alarm features in one device
- Independent settings for horn, strobe or horn and strobe together
- Three lens colours to choose from

## CRITICAL ENVIRONMENT TECHNOLOGIES



Flexible Control System (FCS)



cGas Detector (CO)



Remote Switch (RSW-E)



RSH-24V-R



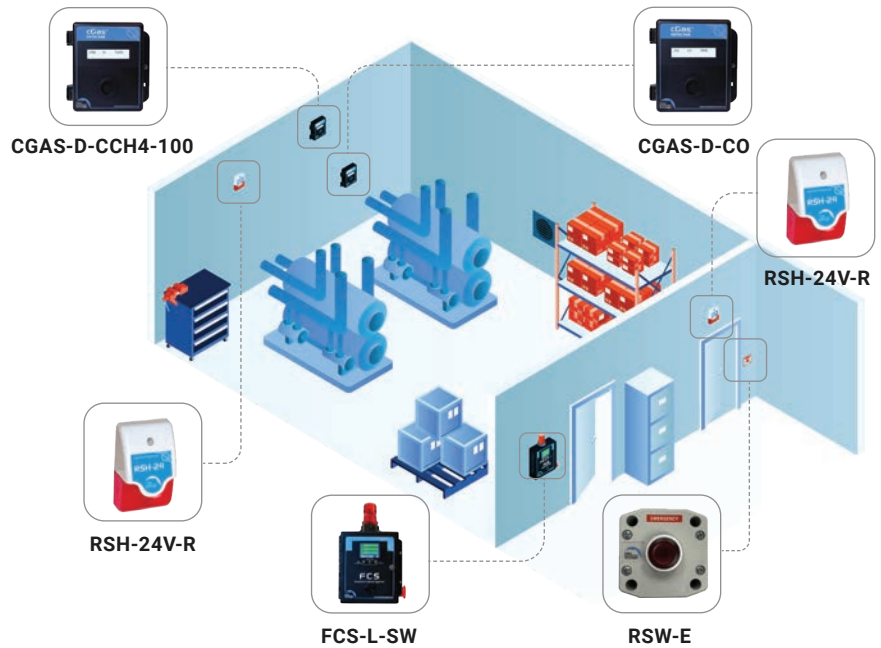
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## COMPLETE SYSTEM INTEGRATION BUILT TO MEET SPEC

- **FCS-L-SW** Controller w/strobe & manual shutoff switch
- **CGAS-D-CO** Detector Digital Transmitter
- **CGAS-CCH4-100** Detector Digital Transmitter (recommended)
- **RSW-E** Remote Switch
- **RSH-24V-R** Remote Strobe & Horn



### 16 TAC PART 4, CHAPTER 65, 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 interlocked to disable the burners when the measured level of CO rises above 50 ppm.

(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 new installations or re-installations of one or more boilers are completed on or after September 1, 2020.

(b) Boiler room shall be free from accumulation of rubbish and materials that obstruct access to the boiler, its setting, or firing equipment.

(c) The storage of flammable material or gasoline-powered equipment in the boiler room is prohibited.

(d) The roof over boilers designed for indoor installations, shall be free from leaks and maintained in good condition.

(e) Adequate drainage shall be provided.

(f) All exit doors shall open outward.

(g) It is recommended that the ASME Code, Section VI, Care and Operation of Heating Boilers, be used as a guide for proper and safe operating practices.

(h) It is recommended that the ASME Code, Section VII, Care and Operation of Power Boilers, be used as a guide for proper and safe operating practices.

It is the user's responsibility to ensure compliance with applicable regulations. CET is not liable for errors, omissions or misinterpretations. 10-25



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