2.19 CARBON MONOXIDE MONITOR

1. Manufacturers:
2. American Gas Safety (AGS) AGSCH4CO
3. Approved Alternatives
4. Description: Contractor is to provide one Carbon Monoxide (CO) monitor, interlocked with each boiler.
5. The CO monitor shall protect the boiler equipment room to ensure that pre-determined levels of CO are not exceeded. The monitor shall provide a visual and audible alarm at 25 PPM. The monitor shall shut down the combustion process in the room when 50 PPM is reached.
6. At 50 PPM the monitor shall indicate the Max PPM reached as well as the current PPM level in the room.
7. The monitor shall be hard wired 110v powered.
8. The monitor shall require manual re-set after an alarm condition.
9. The monitor shall auto re-set after a power loss.
10. The monitor shall provide dry contact SPDT Form C relay output.
11. The monitor shall provide a 110v 3 amp output which de-energizes in alarm.
12. The monitor shall be constructed of NEMA 1 polycarbonate plastic with a digital TFT screen. The monitor shall be mounted on a dual gang rough in handy box.
13. Warranty:
14. The manufacturer shall provide a 3 year limited warranty from date of install.