Fieldpiece

Fieldpiece Technical Bulletin

Fieldpiece Combustion Analyzers (CAT45, CAT85) that have firmware version v1.1 and earlier do not default the CO AIR FREE value to the highest reading, which is also known as [COAF], [CO Undiluted], or [CO at 0% O2 Reference].

To ensure the CO AIR FREE reading is correct, the user should go to Settings and change the O2 Reference from the default number of 6% to 0% [zero oxygen]. This change accurately displays the CO AIR FREE value to comply with BPI-1200 and AHRI 1260 Standards.

[Refer to instructions below to change this setting]

Instructions on How to Change the Setting:

- Enter the JOB MENU in upper left of main screen
- Enter SETTINGS in the top right corner
- Arrow down to find the page with the REFERENCE O2% field
- Press EDIT in the REFERENCE O2% field
- Adjust the O2% REF to 0% (zero)
- Press the SETTINGS button at the top left to exit and save the setting

Note: If you restore Default in the Settings menu, you must repeat this process

A Firmware Update (v1.2) is also available that provides additional improvements:

- Defaults the O2 reference to 0% to ensure the CO AIR FREE value is correct
- Changes display label from "CO AIR FREE" to "CO (x)", where x = O2% Reference
  - CO (0%) is the default to designate CO at [0% O2 Reference], [CO Air Free], [CO Undiluted]
  - CO (6%) would indicate corrected CO to 6% O2 as a reference to remaining oxygen in the flue
- Corrects pointer scale indicator on left side of the CO (x) value

To upgrade to the latest firmware available, please return your product to Fieldpiece via instructions on our website:

- Go to www.fieldpiece.com, Click on Support, and Enter an RMA for product service

Notice Issued: 11.09.23