

TECHNICAL BULLETIN

NUMBER 2022 - 015

Date: December 19, 2022
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Subject: New PeCOD Sensor Settings – How to Change the Calibration Settings

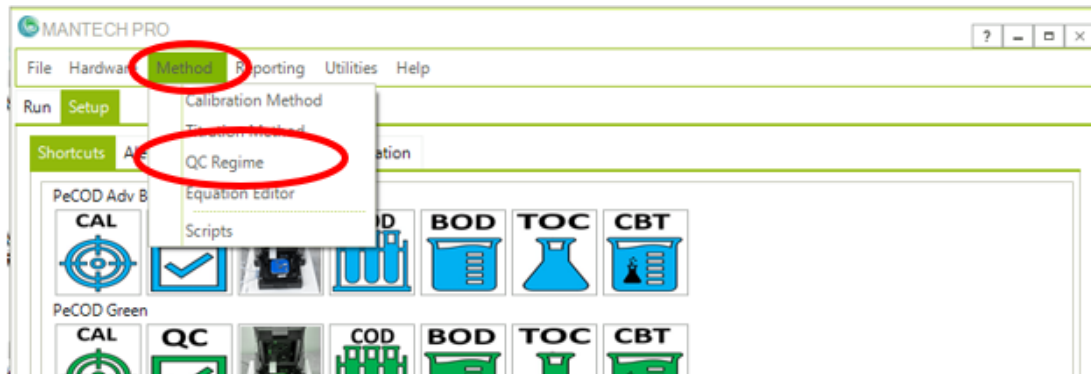
MANTECH now has a new PeCOD Sensor recipe that allows for more sample sensitivity. With this change, a parameter will need to be updated for use. The C value on the calibration and new sensor settings will no longer need to have an upper limit as the more sensitive burn on the sensor increases the C value. This document will cover how to change your C value settings in PeCOD Pro and Mantech Pro. Is using the PeCOD manually, you will not need to make any changes, but will no longer need to note if C value is higher than the previously recommended range.

COD ranges are also expanded to the following acceptance:

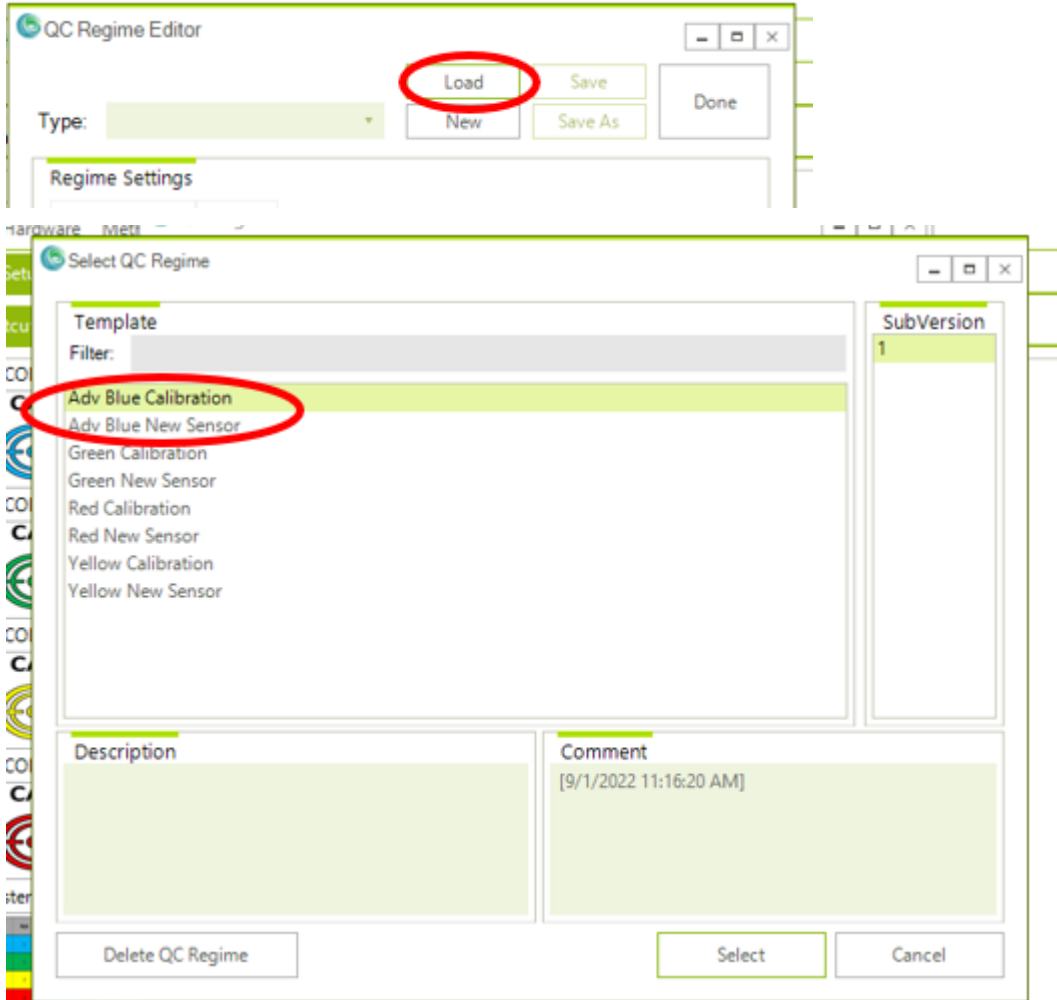
Range	COD Acceptance (ppm)
Adv. Blue	16 – 26
Green	96 – 144
Yellow	960 – 1440
Red	9600 – 14400

Changing the Settings on MANTECH Pro

1. Go to Method then QC Regime



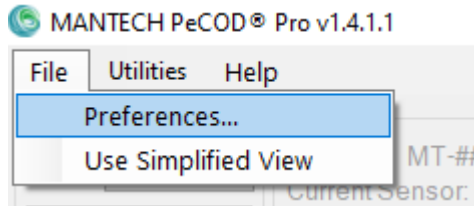
2. Load the QC Regime for operating the New Sensor or Calibration



3. Go to the Regime Tab at the top and uncheck the C in Range box for Stage A and C.
4. Save Changes and repeat for the other QC Regimes in Use.
5. ** Customers may also request a new database that has these settings changed already but will have no sample data.

Changing the Settings in PeCOD Pro

1. Go to File then Preferences



2. Go to the QC Regimes tab at the top



3. Uncheck the C within Range Box in Stage A and Stage C.
4. Repeat for the Startup (New Sensor) and QC Routine.
5. Click Ok to save the changes.

For further details, please contact the MANTeCH technical team at support@mantech-inc.com.