

PetroFLAG System

Questions and Answers

1) Can I use the calibration standard more than once?

Answer: No. The calibration standard has a life expectancy of 20 minutes. Therefore, the standard should be used once and thrown away.

2) If the meter is in its sample read mode, can I check the calibration using the 1000 ppm standard?

Answer: No. The calibration standard is designed to be used in the calibration mode only. When in the read sample mode, it will not read 1000 ppm.

3) Can I make up my own calibration standard?

Answer: No. Use only the standard that is provided from Dexsil with each box of reagents.

4) Will naturally occurring organic compounds interfere with the test?

Answer: Yes. Naturally occurring organic compounds will have a positive bias on any “TPH” test. One should remove the top organic layer of the soil before taking a sample for testing.

5) What response factor should I choose when my matrix has multiple contaminants?

Answer: Choose the contaminate with the lowest response factor listed in the manual.

6) How important is the 10 minute developing time?

Answer: Very important. The sample should be read after 10 minutes and before 20 minutes has elapsed.

7) Is it important to put the meter cap on when reading a sample?

Answer: Yes. The meter can not read the sample if any light is permitted into the sample chamber.

8) Can water based oils be detected using the PetroFLAG System?

Answer: No. Water based oils are soluble in the PetroFLAG developer.

9) Can any type of 9 volt battery be used in the PetroFLAG meter?

Answer: No. Only 9 volt **alkaline** batteries.

10) Does temperature affect the PetroFLAG Meter?

Answer: Yes. Once you calibrate the meter, should the temperature change by +/- 10 C, the instrument will tell you to re-calibrate. Operationally, the instrument should be run in a temperature range between 35 F - 95 F.