

Question 23.1

Topic: GCV Sampling Frequency for Pipeline Natural Gas

Question: If I have a unit using a default emission rate to calculate SO₂ emissions from pipeline natural gas, how often does fuel sampling and analysis have to be performed to determine the GCV?

Answer: For gas, monthly fuel sampling and analysis is required for every month that gaseous fuel is combusted. The sampling and analysis may be done either by the owner or operator or by the fuel supplier. This requirement does not apply for any month in which pipeline natural gas is combusted for a period less than 48 hours, provided that at least one analysis for GCV is done each quarter that the unit operates. Oil sampling still must be done in accordance with the procedures in Section 2.2 of Appendix D.

References: Appendix D, Section 2.3.4.1; Appendix F, Section 5.5

History: First published in July 1995, Update #6 as Question 2.7; revised and renumbered in October 1999 Revised Manual