

TABLE D-5. -- GAS SULFUR AND GCV VALUES USED IN CALCULATIONS FOR VARIOUS FUEL TYPES

Parameter	Fuel type and sampling frequency	Value used in calculations (except for missing data hours)
Gas Total Sulfur Content	<p>Pipeline Natural Gas with total sulfur content less than or equal to 0.5 grains/100scf</p> <p>* Sampling is not required if a valid contract or tariff sheet is used to qualify.</p> <p>* If fuel sampling and analysis is used to qualify, sample annually and whenever the fuel supply source changes.</p>	<ol style="list-style-type: none"> 1. If a contract or tariff sheet is used to qualify, use 0.0006 lb/mmBtu 2. If fuel sampling and analysis is used to qualify, use 0.0006 lb/mmBtu, provided that the results of the required annual samples do not exceed 0.5 grains/100 scf of total sulfur. If the results of an annual sample exceed 0.5 grains/100 scf, re-classify the fuel as appropriate and determine the SO₂ emission rate to be used in the calculations, using the applicable procedures in section 2.3.2 or 2.3.3 of this appendix
	<p>Natural Gas with total sulfur content less than or equal to 20.0 grains /100scf</p> <p>* Sampling is not required if a valid contract or tariff sheet is used to qualify.</p> <p>* If fuel sampling and analysis is used to qualify, sample annually and whenever the fuel supply source changes.</p>	<p>Default SO₂ emission rate calculated from Eq. D-1h, using either:</p> <ol style="list-style-type: none"> 1. The maximum total sulfur content specified in the fuel contract or tariff sheet, if a contract or tariff sheet is used to qualify; or 2. The total sulfur content, based on the most recent fuel sampling and analysis. If multiple samples are taken, the results may be averaged before using Equation D-1h.
	<p>Any gaseous fuel transmitted by pipeline, having a "low sulfur variability", as shown under section 2.3.6 of this appendix.</p> <p>* Either sample daily or, if Eq. D-1h is used to calculate a default SO₂ emission rate, sample annually.</p>	<p>* If daily sampling is performed, use either:</p> <ol style="list-style-type: none"> 1. Actual value from the daily sample; or 2. Highest value from previous 30 samples. <p>* If the option to use Eq. D-1h is selected, use a default SO₂ emission rate, calculated using the higher of:</p> <ol style="list-style-type: none"> 1. The 90th percentile value of the total sulfur content, obtained in the 720-hr demonstration under section 2.3.6; or 2. The actual total sulfur content from the most recent annual sample. If multiple samples are taken, the results may be averaged before using Equation D-1h.