

TABLE NN-1 TO SUBPART NN OF PART 98—DEFAULT FACTORS FOR CALCULATION METHODOLOGY 1 OF THIS SUBPART

Fuel	Default high heating value factor	Default CO <sub>2</sub> emission factor (kg CO <sub>2</sub> /MMBtu)
Natural Gas .....	1.027 MMBtu/Mscf .....	53.02
Propane .....	3.836 MMBtu/bbl .....	63.02
Normal butane .....	4.326 MMBtu/bbl .....	64.93
Ethane .....	3.082 MMBtu/bbl .....	59.58
Isobutane .....	3.974 MMBtu/bbl .....	65.08
Pentanes plus .....	4.620 MMBtu/bbl .....	66.90

TABLE NN-2 TO SUBPART NN OF PART 98—LOOKUP DEFAULT VALUES FOR CALCULATION METHODOLOGY 2 OF THIS SUBPART

Fuel	Unit	Default CO <sub>2</sub> emission value (MT CO <sub>2</sub> /Unit)
Natural Gas .....	Mscf .....	0.054452
Propane .....	Barrel .....	0.241745
Normal butane .....	Barrel .....	0.280887
Ethane .....	Barrel .....	0.183626
Isobutane .....	Barrel .....	0.258628
Pentanes plus .....	Barrel .....	0.309078

**Subpart OO—Suppliers of Industrial Greenhouse Gases**

**§ 98.410 Definition of the source category.**

(a) The industrial gas supplier source category consists of any facility that produces a fluorinated GHG or nitrous oxide, any bulk importer of fluorinated GHGs or nitrous oxide, and any bulk exporter of fluorinated GHGs or nitrous oxide.

(b) To produce a fluorinated GHG means to manufacture a fluorinated GHG from any raw material or feedstock chemical. Producing a fluorinated GHG includes the manufacture of a fluorinated GHG for use in a process that will result in its transformation either at or outside of the production facility. Producing a fluorinated GHG also includes the creation of a fluorinated GHG (with the exception of HFC-23) that is captured and shipped off site for any reason, including destruction. Producing a fluorinated GHG does not include the reuse or recycling of a fluorinated GHG, the creation of HFC-23 during the production of HCFC-22, or the creation of by-products that are released or destroyed at the production facility.

(c) To produce nitrous oxide means to produce nitrous oxide by thermally decomposing ammonium nitrate (NH<sub>4</sub>NO<sub>3</sub>). Producing nitrous oxide does not include the reuse or recycling of nitrous oxide or the creation of by-products that are released or destroyed at the production facility.

**§ 98.411 Reporting threshold.**

Any supplier of industrial greenhouse gases who meets the requirements of § 98.2(a)(4) must report GHG emissions.

**§ 98.412 GHGs to report.**

You must report the GHG emissions that would result from the release of the nitrous oxide and each fluorinated GHG that you produce, import, export, transform, or destroy during the calendar year.

**§ 98.413 Calculating GHG emissions.**

(a) Calculate the total mass of each fluorinated GHG or nitrous oxide produced annually, except for amounts that are captured solely to be shipped off site for destruction, by using Equation OO-1 of this section: