Conversion Factors for NOx* for Some Typical Fuels

Fuel	Higher heating value, Btu	Stoichiometric air required, cf	Stoichiometric wet and dry poc, cf	Stoichiometric dry poc, cf	# NOx/ million Btu equiv. to 1 ppm	ppm NOx equiv. to 1# NOx/ million Btu
Natural gas	1000/cf	9.44/cf	10.47/cf	8.52/cf	0.001 21	829
Coke oven gas	530/cf	4.56/cf	5.30/cf	4.12/cf	0.001 10	909
Commercial propane	2499/cf	23.8/cf	25.77/cf	21.8/cf	0.001 23	812
Methanol	64 630/gal	560/gal	608/gal	524/gal	0.001 14	876
#2 fuel oil	137 080/gal	1356/gal	1441/gal	1270/gal	0.001 31	765
#6 fuel oil	153 120/gal	1478/gal	1554/gal	1410/gal	0.001 29	775

* All these conversion factors are for ppmv dry (of NO_2, CH_4, CO, SO_2) at 3% O_2 by volume dry; and per million gross Btu.
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