

30/11/2022

Annex 13

Conversion table

From / To Multiply by	Tonnes of LNG	Cubic meters (m³) of LNG	Normal cubic meters (Nm³) of Natural Gas	Normal Cubic feet (Nft³) of Natural Gas	Standard cubic meters (Sm³) of Natural Gas	Million British Thermal Units (mmBtu)	Barrel of oil equivalent (BOE)
Tonnes of LNG	1	2.222	1,300	45,909	1,372	53.38	9.203
Cubic meters (m³) of LNG	0.450	1	585	20,659	617	24.02	4.141
Normal cubic meters (Nm³) of Natural Gas	7.692 x 10 ⁻⁴	0.0017	1	35.31	1.0553	0.0411	0.0071
Normal Cubic feet (Nft³) of Natural Gas	2.178 x 10 ⁻⁵	4.8 x 10 ⁻⁵	0.0283	1	0.0299	0.0012	2.005 x 10 ⁻⁴
Standard cubic meters (Sm³) of Natural Gas	7.289 x 10 ⁻⁴	0.0016	0.9476	33.46	1	0.0389	0.0067
Million British Thermal Units (mmBtu)	0.0187	0.0416	24.36	860.1	25.71	1	0.1724
Barrel of oil equivalent (BOE)	0.1087	0.2415	141.3	4,989	149.1	5.8	1

Note: In this conversion table, Natural Gas is assumed at Normal conditions (N) defined at a temperature of 0 oC and a pressure of 1 atm (Nm³ are m³ at Normal conditions).

Note: In this conversion table, Standard Conditions (S) of Natural Gas are defined at a temperature of 15 °C and a pressure of 1 atm (Sm³ are m³ at Standard conditions). Conversion factor Sm³ -> Nm³ is 0,9476 (ISO 13443:1996, Annex A, Table A.1).

Note: This conversion table is provided for illustrative purposes. The actual relevant parameters of LNG and/or Natural Gas are measured according to the provisions of the Terminal Rules.

Source: Natural Gas Conversion Pocketbook, International Gas Union (IGU).