



HUDSON OIL CORPORATION

Bridging Businesses together

Ruchliwa 15, 02-182 Warszawa, Polska
KRS:0000407082
Nurkent microdistrict, house 5/15, Alatau
district, Almaty city postal code 050038
Kazakhstan
BIN: 180140025638

+48 7320 70488
+7775 265 16 29
www.hudsonoil.eu
info@hudsonoil.eu

STANDARD SPECIFICATION OF LIQUIFIED NATURAL GAS (LNG)

COMPONENT/SUBSTANCE	PERMISSIBLE LIMITS
Gross Heating Value (GCV) range	9,340 – 10,420 Kcal/SCM (1,050 – 1,170 BTU/SCF)
Methane	not less than 85.0 Mol %
Ethane	not more than 9.2 Mol %
Propane	not more than 3.00 Mol %
Butanes and heavier	not more than 2.00 Mol %
Pentanes and heavier	not more than 0.25 Mol %
Nitrogen	1.0 molecular %
Total Sulphur	10.0 ppm (w)
Sulphur in form of Hydrogen Sulphide	10.0 ppm (w)
Maximum variation in Wobbe Index (WI) [WI = LHV (Volumetric Basis / (Specific Gravity w.r.t. Air) 0.5]	+/-5.0 %
Contaminants	
(a) Trace Metals	
i. Pb + Zn	0.50 ppm (w)
ii. Na + K	0.30 ppm (w)
iii. Vanadium	0.50 ppm (w)
iv. Calcium	2.0 ppm (w)
v. Magnesium	2.0 ppm (w)
vi. Sum of heavy metals (Hg + V + Pb + Zn + Ni + Others)	1.0 ppm (w)
(b) Solids / Particulates	
i. Total for particle size up to 10 micron	
ii. For 2 micron < d < 10 micron	20.0 ppm (w)
iii. For particle size greater than 10 micron	1.50 ppm (w)
	0.30 PPM (w)
(c) Liquid contents	Nil
(d) Moisture	112 Kg/Million SCM
Hydrogen content	1.00% (by volume)
Acetylene (C ₂ H ₂)	0.10% (by volume)
Higher Hydrocarbons for n>=3	10.0% (by volume)
	Summer from March to October Summer from March to October Winter from November to February
	(PP - 5.0 degrees C) (CP - 0.0 degrees C) (PP - 10.0 degrees C)