

6.The Specifications for LNG at the Delivery Point are as follows:

	Component / Substance	Permissible limits
1	Gross Heating Value (GCV) range	9,340 – 10,420 Kcal/SCM (1,050 – 1,170 BTU/SCF)
2	Methane, min	85.0 Mol %
3	Ethane, min	9.2 Mol %
4	Propane, min	3.00 Mol %
5	Butanes and heavier, min	2.00 Mol %
6	Pentanes and heavier, min	0.25 Mol %
7	Nitrogen	1.0 Mol %
8	Total Sulphur	10 ppm (w)
9	Sulphur in form of Hydrogen Sulphide	10 ppm (w)
10	Maximum variation in Wobbe Index (WI) [WI = LHV (Volumetric Basis / (Specific Gravity w.r.t. Air) 0.5]	+/- 5.0%
11	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	20.0 ppm (w)
	ii. For 2 micron < d < 10 micron	1.5 ppm (w)
	iii. For particle size grater than 10 micron	0.30 ppm (w)
	(c) Liquid contents	Nil
	(d) Moisture	112 kg/million SCM
12	Hydrogen Content	1.00% (by volume)
13	Acetylene (C2H2)	