

LIQUIFIED NATURAL GAS (LNG) SPECIFICATIONS

Components/ substance	UNIT	M I N	MAX
ETHANE	%		9.2 Mol
METHANE	%	85.0 Mol	9.6 Mol
PROPANE	%		3.00 Mol
BUTANES	%		2.00 Mol
PUTANES	%		0.25 Mol
NITROGEN	%	1.0 Molecular	
TOTAL SULPHUR	10PPM (W)		
Max variation in Wobble index (WI) {WI=LHV (Volumetric Basis / (specific Gravity w.r.tAir)0.5}	+/- 5.0 %		
SULPHUR IN HYDROGEN SULPHIDE	10PPM(W)		
CONTAMINANTS			
(a) Trace Metals			
i. pb +Zn	0.50 Ppm (W)		
ii. Vanadium	0.50 Ppm (W)		
iii. calcium	2.0 Ppm (W)		
iv. magnesium	2.0 Ppm (W)		
(b) Liquid content	0.0 NIL		
(c) Solids/ Particulates			
i. Total for particle size up to 10microns	---		
ii For 2 microns <d < 10micron	20.0 Ppm (W)		
iii For particles size > 10 micron	1.50 Ppm (W)		
(d) Moisture	122kg/million SCM		
Hydrogen content	1.00% (V)		
Acetylene(C2H2)	0.10% (V)		