

# SOLAR TECHNOLOGY SYSTEMS, INC.

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## SPECIFICATIONS

Specifications for LNG to be delivered at Terminal when converted into a gaseous state shall be as follows:

(a)	Hydrogen Sulphide	not more than 0.25 grains per 100 Standard Cubic Feet
(b)	Total Sulphur	not more than 1.35 grains per 100 Standard Cubic Feet
(c)	Hydrogen Content	not more than 400 PPM
(d)	Oxygen Content	not more than 0.001 molar percent
(e)	Hydrocarbon Dewpoint	not more than 20° F at 1000 psig
(f)	Wobbe Number	shall be no greater than 1400
(g)	Carbon Dioxide	not more than 2.0 molar percent
(h)	Nitrogen and other inert gases	not more than 1.5 molar percent
(i)	Gross Heating Value	shall be within the range 980 and 1100 Btu per Standard Cubic Feet and in compliance with Wobbe limits described above
(j)	Ethane (C2)	not more than 11 molar percent
(k)	Propane (C3)	not more than 3.5 molar percent
(l)	Butanes (C4) and higher	not more than 1.5 molar percent
(m)	Pentanes (C5) and heavier	not more than 0.09 molar percent

The LNG when delivered to the Terminal shall contain no water, active bacteria or bacterial agents (including sulfate reducing bacteria or acid producing bacteria) or other contaminants or extraneous material.

Some of the above Specifications are based on guidelines issued by the NGC+ Interchangeability Work Group on February 28, 2005 and may be updated if such group modifies its recommendations. Additionally, all of the Specifications are subject to being modified if required by applicable law, by the Terminal, or in order to make the regasified natural gas comply with quality specifications imposed by natural gas pipelines downstream of the Terminal.