

## SPECIFICATION OF RUSSIAN LIQUEFIED PETROEUM GAS

### Specification required for LPG 50% Propane and 50% Butane Mix:

A. BUTANE			
TYPICAL	TEST UNIT DESIGN	ACTUAL	ASTM METHOD
Ethane	Mole%	0.08	G.C.
Propane	mole%	0.95Min 2 Max	G.C.
Total C4	mole%	97.5Min 98.03 Max	G.C.
Total C3	mole%	0.75 Min 0.82 Max	G.C.
SP-GR@60/60 °F		To be reported	D-2598
Cu. Corrosion 1Hr@100 No. 1		A Max	D-1838
Total Sulphur	PPM	30 Max	Microcoulometry
H2S	PPM	Nil	D-2420
VP@100	PSIG	70 Max	D-2598
H2O Content	PPM	10 Max	Shaw Dew Pt
Residue	PPM	0.05 Max	D-2158
B. PROPANE			
TYPICAL	TEST UNIT DESIGN	ACTUAL	ASTM METHOD
Ethane	mole%	0.47 Summer 0.4Max 0.509 Winter	G.C.
Propane	mole%	98.17 Summer 98 Min 98.17 Winter	G.C.
Butane	mole%	1.353 Summer 1.4 Max 1.249 Winter Min	G.C.
Pentane & Heavier	mole%	0.01 Max	G.C.
SP-GR@60/60 °F		To be reported	D-2598
Cu. Strip No. 1		A Max	D-1838
Sulphur (Volatile)	PPM	30 Max	Microcoulometry
H2S	PPM	5 Max	D-2420
VP@100	PSIG	200 Max	D-2598
H2O Content	PPM	10 Max	D-2713