

Propane Specification of Refinery 3&5(SPGC)

(Phase 4,5 & 9,10)

	Method	Min.	Max.
SP.GR.@60°F	ASTM D2598	to be reported	
Propane Content(Vol%)	ASTM D2163	96	
Ethane Content	ASTM D2163		2
Vap.Pressure@100F(psig)	ASTM D1267 or D2598		200
Volatile residue: C4& heavier (Vol%)	ASTM D2163(1)		2.5
Residual Matter: Resid.on evap. of 100ml(ml)	ASTM D2158		0.05
Residual Matter: Oil stain observation(ml)	ASTM D2158	Pass(2)	
Corrosion Copper Strip	ASTM D1838 or D5453	No.1 Strip	
Sulphur Content(WT%)	ASTM D1266		0.004
Hydrogen Sulphide	ASTM D2420 or IPI03	Negative	
Moisture Content	ASTM D2713 or DI744	Pass	

Note:

1) When specifically requested in the nomination, results by D 1837 will also be provided.
 2) An acceptable product shall not yield a persistent oil ring when 0.3ml of solvent residue mixture is added to a filter paper in 0.1ml increments and examined in daylight after 2 minutes as described in ASTM D 2158.

Butane Specification of Refinery 3&5(SPGC)

(Phase 4,5 & 9,10)

	Method	Min.	Max.
SP.GR.@60°F	ASTM D2598	to be reported	
Butane Content(Vol%)	ASTM D2163		
Vap.Pressure@100F(psig)	ASTM D1267 or D2598		70
Volatile residue: cs& heavier (Vol%)	ASTM D2163(1)		2
Corrosion Copper Strip	ASTM D1838	No.1 Strip	
Sulphur Content(WT%)	ASTM D1266 or D5453 or IP 103		0.008
Hydrogen Sulphide	ASTM D2420	Negative	
Free Water	Visual	None	

Note: When specifically requested in the nomination, results by D 1837 will also be provided.

I.G.C.C Export Gas Recovered LPG at Fajr Jam Gas Refinery

Item (B.S. Method)	Quantity (Wt %)
C ₂ & Lighter	(max)1 mol%
C ₃	50-60 mol%
C ₄ (IC ₄ & NC ₄) & heavier	40-50 Mol%
H ₂ S (max)	100 ppmwt
RSH (max)	600 ppmwt
C ₃	50-60 mol%
C ₄ (IC ₄ & NC ₄) & heavier	40-50 mo