



# LPG

## Spec & Offer



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- **Alfa Global Trading** Head quarter is located in Jakarta, however the other sister companies scattered in several countries as well. With respect to roots and business back ground flashing back to 20 years back, now Alfa Global with it best services continue their expertise in Indonesia market.
- **Alfa Global Trading** can claim as one of very limited number of company incorporated, existed and located in Indonesia in field Oil & Gas Product , with direct link with the world class Refineries. Hence we are confident with our direct overseas acces to fulfill our customers' needs, especially from our resouces in Middle East and Russia . We sell our product with attractive price compare to other supplier.

- **Product Name** : **LPG ( Liquid Petroleum Gas )**
- **Form** : **Refrigerated / Pressurized**
- **Quality** : **As per Annex.**
- **Commercial Size** : **44,000 Metric Tons.**
- **Duration of Contract** : **Spot / Term .**
- **MOQ** : **From 20,000 MT.**
- **Shipment** : **Within 30 Days**
- **Inspection** : **SGS on Loading.**
- **Delivery** : **CFR**
- **Destination Port** : **ASWP**
- **Payment term** : **TT or LC (At sight, Irrevocable, Revolving, Transferable)**
- **Price** : **CP Aramco – Discount**
- **Remarks** : **Discount will be determined based on the Qty and**  
**payment mode.**

## **LPG Spec ( TYPE 1 )**

### **Butane:**

#	Property	Unit	Test Method	value
1	Ethane	Mol%	G.C	0.08 max
2	Propane	Mol%	G.C	2 max
3	Total –C <sub>4</sub>	Mol%	G.C	97.5 min
4	Total –C <sub>5</sub>	Mol%	G.C	0.82 max
5	Specific gravity @ (60/60 °F)	---	ASTM D -2598	To be reported
6	Copper corrosion	---	ASTM D-1838	Na. 1a max
7	Total Sulphide	Wt.ppm	ASTM D-3246	30 max
8	Hydrogen Sulphide	Vol.ppm	ASTM D-2420/Drag	Nil
9	Vapor pressure@ (100° F)	Psig	ASTM D-2598	70 max
10	Water Content	Vol. ppm	Shaw dew point	10 max
11	Residue on Evaporation	Vol %	ASTM- 2158	0.05 max

### **Propane:**

#	Property	Unit	Test Method	value
1	Ethane	Mol%	G.C	0.4 max
2	propane	Mol%	G.C	98 min
3	Butane	Mol%	G.C	1.4 max
4	Pentane & Heavier	Mol%	G.C	0.01 max
5	Copper corrosion	---	ASTMD -1838	No.1a max
6	Hydrogen Sulphide	Vol. ppm	ASTM D-2420/Drager	5 max
7	Specific gravity @ (66. 60 °F)	----	ASTM D-2598	To be reported
8	Sulphur( Voatile)	Wt.ppm	ASTM D-3246	30 max
9	Vapor pressure@ (100° F)	Psig	ASTM D-2598	200 max
10	Water Content	----	ASTM D-2713	Pass

## **LPG Spec ( TYPE 2 )**

### **Butane:**

#	Test item	Unit	Method	Result
1	Ethane content	Wt%	ASTM D-2163	NiL
2	propane content	Wt%	ASTM D-2163	MAX. 1
3	Total Butane*	Wt%	ASTM D-2163	MIN.98
4	Pentane & Heavier	Wt%	ASTM D-2163	MAX.1
5	Total Sulfur	Wt ppm	ASTM D-3246	MAX. 30
6	Hydrogen Sulphide	----	ASTM D-2420	Negative
7	Copper corrosion	----	ASTM D-1838	1A
8	Vapor pressure@100°F	psig	ASTM D-2598	TO BE REPORTED
9	Voatile residue	Vol%	ASTM D-2158	0.01
10	Specific gravity @ 60 °F	----	ASTM D-2598	TO BE REPORTED

### **Propane**

#	Test item	Unit	Method	Result
1	Ethane	Wt%	ASTM D-2163	MAX. 1
2	propane	Wt%	ASTM D-2163	MIN.98
3	Total Butane	Wt%	ASTM D-2163	MAX. 1
4	Pentane & Heavier	Wt%	ASTM D-2163	NiL
5	Total Sulfur	Wt%	ASTM D-3246	MAX. 30
6	Hydrogen Sulphide	----	ASTM D-2420	Negative
7	Copper corrosion	----	ASTM D-1838	1A
8	Vapor pressure@100°F	psig	ASTM D-2598	TO BE REPORTED
9	Voatile residue	Vol%	ASTM D-2158	NiL
10	Specific gravity @ 60 °F	----	ASTM D-2598	TO BE REPORTED

## **LPG Spec ( TYPE 3 )**

### **Butane:**

#	<b>Test item</b>	<b>Unit</b>	<b>Method</b>	<b>Result</b>
1	Propane & Lighter content (Max.)	mole %	ASTM D-2163	4
2	Total Butane (Min.)	mole %	ASTM D-2163	94
3	Total Pentane & Heavier (Max.)	mole %	ASTM D-2163	2
4	Total Sulfur (Max.)	Wt ppm	ASTM D-6667	60
5	Hydrogen Sulphide	----	ASTM D-2420	Negative
6	Corrosion Number	----	ASTM D-1838	1-A
7	Vapor pressure @100 °F (Max.)	Psig	ASTM D-2598	50
8	Non Volatile residue, (Max.)	Vol %	ASTM D-2158	0.1
9	Specific gravity @ 60 °F (Max.)	----	ASTM D-2598	50

### **Propane:**

#	<b>Test item</b>	<b>Unit</b>	<b>Method</b>	<b>Result</b>
1	Ethane & Lighter (Max.)	mole %	ASTM D-2163	3
2	Propane (Min.)	mole %	ASTM D-2163	95
3	Total Butane & Heavier	mole %	ASTM D-2163	2
4	Pentane & Heavier	Wt%	ASTM D-2163	Nil
5	Total Sulfur, ppm (Max.)	Wt%	ASTM D-3246	60
6	Hydrogen Sulphide	----	ASTM D-2420	Negative
7	Corrosion Number	----	ASTM D-1838	1-A
8	Vapor pressure @100 °F (Max.)	Psig	ASTM D-2598	200
9	Specific gravity @ 60 °F (Max.)	----	ASTM D-2598	0.51

## **LPG Spec ( TYPE 4 )**

### **Butane:**

#	Test item	Unit	Method	Result
1	Propane & Lighter content (Max.)	mole %	ASTM D-2163	3
2	Total Butane (Min.)	mole %	ASTM D-2163	96
3	Total Pentane & Heavier (Max.)	mole %	ASTM D-2163	1
4	Total Sulfur (Max.)	Wt %	ASTM D-1266	0.008
5	Hydrogen Sulphide	----	ASTM D-2420	Negative
6	Corrosion Copper Strip, Min.	----	ASTM D-1838	No. 1 Strip
7	Vapor pressure @100° F (Max.)	Psig	ASTM D-2598	70
8	Volatile residue, (Max.)	Vol %	ASTM D-2158	2
9	Specific gravity @ 60 ° F (Max.)	----	ASTM D-2598	50
10	Free Water	----	Visual	None

### **Propane:**

#	Test item	Unit	Method	Result
1	Ethane & Lighter (Max.)	mole %	ASTM D-2163	2
2	Propane (Min.)	mole %	ASTM D-2163	96
3	Total Butane & Heavier	mole %	ASTM D-2163	2
4	Pentane & Heavier	Wt%	ASTM D-2163	Nil
5	Sulphur Content	Wt%	ASTM D-1266	0.004
6	Hydrogen Sulphide	----	ASTM D-2420	Negative
7	Corrosion Copper Strip	----	ASTM D-1838	No. 1 Strip
8	Vapor pressure @100° F (Max.)	Psig	ASTM D-2598	200
9	Specific gravity @ 60 ° F (Max.)	----	ASTM D-2598	0.51