

CARGO REPORT



VLGC. PERTAMINA GAS 1

AFTER DISCHARGE

Port : **KALBUT STS W/ ARIMBI**
 Date : **02 May 2018**
 Voy. No. : **018 / D2 / PG1 / IX / 2016**

Fwd **9.85**
 DRAFT Aft **11.15**
 Trim **1.30**

	CTK 1P	CTK 1S	CTK 2P	CTK 2S	CTK 3P	CTK 3S	CTK 4P	CTK 4S
Cargo	BUTANE	BUTANE	PROPANE	PROPANE	BUTANE	BUTANE	PROPANE	PROPANE
Mol Weight	58.09	58.09	44.10	44.10	58.09	58.09	44.10	44.10
OBS. Sounding	22.843	22.809	9.419	9.413	23.257	23.263	10.598	10.589
Liq. Temp	-1.4	-1.6	-39.3	-39.5	-1.7	-1.6	-39.0	-28.9
Vap. Temp	6.6	6.6	-21.5	-21.5	7.0	7.0	-18.1	-18.1
Pressure	0.18	0.18	0.20	0.20	0.18	0.18	0.21	0.21
V.C.F	1.03143	1.03174	1.13962	1.14024	1.03194	1.03174	1.13868	1.11448
Liq.Density @15°C	0.5773	0.5773	0.5072	0.5072	0.5773	0.5773	0.5072	0.5072
Temp. Corrected	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
S/G Corrected	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Level	22.843	22.809	9.419	9.413	23.257	23.263	10.598	10.589
Trim Corrected	-0.073	-0.074	-0.080	-0.080	-0.080	-0.080	-0.081	-0.081
Heel Corrected	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Level Corrected	22.770	22.735	9.339	9.333	23.177	23.183	10.517	10.508
LIQ. VOL at 20C	7482.561	7481.864	5237.188	5237.101	8623.498	8624.055	5650.021	5651.249
Shrinkage factor	0.99931	0.99931	0.99811	0.99812	0.99930	0.99931	0.99812	0.99812
Liq.Vol. Corrected.	7477.398	7476.702	5227.290	5227.255	8617.462	8618.104	5639.399	5640.625
Liq.Volume @15°C	7712.428	7714.012	5957.103	5960.326	8892.703	8891.643	6421.471	6286.363
LIQ. WT(MT VAC)	4452.384	4453.299	3021.443	3023.077	5133.758	5133.146	3256.970	3188.443
Filling %	81.58 %	81.46 %	47.09 %	47.06 %	77.52 %	77.54 %	52.99 %	52.94 %
TankVolume100%	9171.70	9184.46	11120.60	11127.87	11123.81	11121.82	10662.93	10673.87
Vapour Vol.	1689.139	1702.596	5883.412	5890.769	2500.312	2497.765	5012.909	5022.621
Shrinkage factor	0.99957	0.99957	0.99865	0.99865	0.99958	0.99958	0.99872	0.99872
Vapour Vol. Corrected	1688.413	1701.864	5875.469	5882.816	2499.262	2496.716	5006.492	5016.192
VAP. WT(MT VAC)	4.977	5.017	14.913	14.932	7.369	7.361	12.570	12.594
Total WT in VAC	4457.361	4458.316	3036.356	3038.009	5141.127	5140.507	3269.540	3201.037
Total (P&S) in VAC	8915.677		6074.365		10281.634		6470.577	
Total WT in AIR	4448.670	4449.622	3029.524	3031.174	5131.101	5130.483	3262.183	3193.835
Total (P&S) in AIR	8898.291		6060.698		10261.584		6456.018	
BUTANE				PROPANE				
Qty Before Discharge	20,411.801		MT / IN AIR	Qty Before Discharge	13,768.820		MT / IN AIR	
Qty After Discharge	19,159.876		MT / IN AIR	Qty After Discharge	12,516.716		MT / IN AIR	
Cargo Discharge	1,251.925		MT / IN AIR	Cargo Discharge	1,252.104		MT / IN AIR	
Shore/Shuttle ship's Figure	1,251.523		MT / IN AIR	Shore/Shuttle ship's Figure	1,251.657		MT / IN AIR	
Surveyor figure	N/A		MT / IN AIR	Surveyor figure	N/A		MT / IN AIR	
Bill of Lading Before	N/A		MT / IN AIR	Bill of Lading Before	N/A		MT / IN AIR	
New Bill of Lading	N/A		MT / IN AIR	New Bill of Lading	N/A		MT / IN AIR	
Difference	0.40		MT / IN AIR	Difference	0.45		MT / IN AIR	
Percentage	0.03		%	Percentage	0.04		%	

Remark : Cargo quantity onboard including COOLANT

HADI WIBOWO
 CHIEF OFFICER

SURVEYOR

LOADING MASTER

CALCULATION				
	PG1	SUTLE SHIP'S	DIFFERENCE	PERCENTAGE
C4	1251.925	1251.523	0.402	0.032
C3	1252.104	1251.657	0.447	0.036
TOTAL	2504.029	2503.180	0.849	0.034

%
%
%



Maximum Tank Sounding

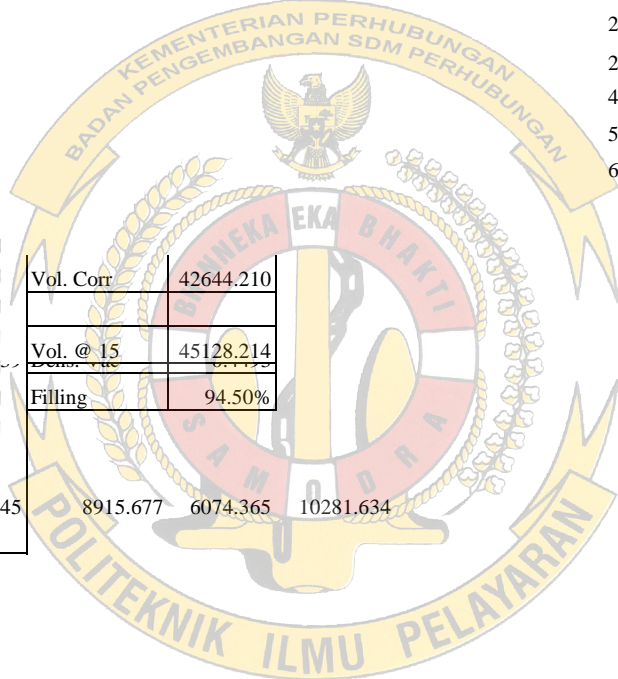
P	S	P	S	P	S	P	S
28.000	28.000	20.000	20.000	30.000	30.000	20.000	20.000

10.5 3265.726 3265.726
 p N/A 1152.95 PROPANE
 b 0.000 2035.418 BUTANE
3270.012

VOLUME

trim1	trim2	pumping time	Commmence:	from to	total:
23.183		-52596.83	15-Dec, 06:25		0.00
23.18	1106.99	1106.01	15-Dec, 17:35		0.00
23.19	1106.99	1106.01			0.00
correction	25.280754	25.280754			0.00
correction	0	0			0.00
		29.40	04-Jan, 08:30		0.00
		#####			0.00
Volume	1106.7254	total:	29.40	TOTAL 2&3	0.00

TRIM
4.27
5.00



37449.166	-1.6	
0.999	-2.0	0.999223
37414.2634	-1.5	0.999243
7.0		
7.5	0.999563	
		0.999545

Vol. Corr	42644.210
Vol. @ 15	45128.214
Filling	94.50%

8915.677 6074.365 10281.634

25271.676 FALSE

25220.574

	CTK 1P	CTK 1 S	CTK 2P	CTK 2S	CTK 3 P	CTK 3 S
	PROPANE	PROPANE	PROPANE	PROPANE	PROPANE	PROPANE
Vapour:	0.000	0.000	14.913	14.932	0.000	0.000
Liquid:	0.000	0.000	3021.443	3023.077	0.000	0.000
On Board:	0.000	0.000	3036.356	3038.009	0.000	0.000
Surv. Fig:						
	CTK 1P	CTK 1 S	CTK 2P	CTK 2S	CTK 3 P	CTK 3 S
	BUTANE	BUTANE	BUTANE	BUTANE	BUTANE	BUTANE
Vapour:	4.977	5.017	0.000	0.000	7.369	7.361
Liquid:	4452.384	4453.299	0.000	0.000	5133.758	5133.146
On Board:	4457.361	4458.316	0.000	0.000	5141.127	5140.507
Surv. Fig:						



