

DAILY PRODUCTION REPORT
January 19, 2015

	1st Shift	2nd Shift	3rd Shift	TODAY	TO-DATE
Supervisor in Charge	J. Faranal	T. Paulo	J. Gunio		
PRODUCTION					
Fine alcohol (IN)	11,550	11,500	11,630	34,730	647,840
heads alcohol	100	80	80	260	4510
% H&T / liter alcohol produced	0.87%	0.69%	0.69%	0.75%	0.70%
Alcohol Quality (PTT) production	31	31	31		
Alcohol Quality (PROOF) production	189.46	189.46	189.46		
Column Operator	M. Convento	K. Amante	E. Amarado		
WITHDRAWALS					
Beginning Balance (liters)	666,715		Beginnin Balance (liters)		9,000
In (Production)	34,730		In (Production)		260
Out (Sales)	12,400		Out (Sales)		-
Theoretical Alcohol Stock	689,045		Theoretical Aldehyde Stock		9,260
PRODUCTION DATA					
Fermentation:					
Average % alcohol in beer	9.08%	8.96%	9.20%		
Fermentation	J. Faranal	T. Paulo	J. Gunio		
Mixer	M. Convento	K. Amante	E. Amarado		
Biogas:					
Biogas Produced (cu.m.)				0	0
cu.m. gas/liter alcohol	0.0000	0.0000	0.0000	0.0000	0.0000
Equivalent bunker (L)	0	0	0	0	0
Steam produced (lbs)	0	0	0	0	0
VFA (sp3)					
COD Loading					
Slops Feeding (m3)	20	20	20	60	
Sampling Point	SP1	SP2	SP3	SP4	SP5
Settling Volume	880	840	840	800	800
Temperature	38.00	39.80	40.50	40.50	40.80
pH	7.29	7.26	7.25	7.23	7.27
Biogas Operator	J. Faranal	T. Paulo	J. Gunio	K. Amante	E. Amarado
Bunker fuel/Steam:					
kilos of rice husk used	8,640	8,785	9,070	26,495	302,354
Equivalent Bunker (L)	1,925	1,925	1,938	5,788	
Liter of alcohol/liter of bunker	6	6	6		
Steam produced in rice husk (lbs)	0	0	0	0	0
Total Steam produced (lbs)				0	11,726
Liter of alcohol/kg of rice husk	1.1337	1.315	1.282	1.311	2.143
kg of rice husk/liter of alcohol	0.749	0.761	0.78	0.763	0.467
Lbs of steam/liter alcohol	0.00	0.00	0.00	0.00	0.02
Lbs of steam/kg of rice husk	0.00	0.00	0.00	0.00	0.00
Boiler in operation	B-4	B-4	B-4		
Boiler Operator	M. Convento	K. Amante	E. Amarado		
YIELDS AND RECOVERIES			LABOR		
Fermentation Efficiency	91.96%		No. of Personnel	Total M/H	Liters/Mh
Distillation Efficiency	95.31%		Direct Labor		
Overall Efficiency	87.48%		Maintenance		
Ave. % alcohol in beer	9.14		Support Group		
Liters fine alc./gal molasses	1.47		Plant Managers		
Liters total alc./gal molasses	1.48		Guard		
Liters fine alc./ton molasses	277		Extra		
Liters total alc./ton molasses	279		TOTAL		
RAW MATERIALS			RAW MATERIALS		
Molasses Beginning Balance	95,256	gallons	Caustic Soda Beginning Balance		0
Molasses Purchases	0	gallons	Add: Purchases		
Pumped to MDT	22,378	gallons	Less: Production Consumption		0
Running Balance	(117,633)	gallons	Running Balance (liters)		
Less: Pondo	50,000	gallons			
Molasses Working Balance	(167,633)	gallons	Urea Beginning Balance		
Molasses used in Production (Gal)	23,642	gallons	Add: Purchases		
Molasses used in Production (Ton)	125	tons	Less: Production Consumption		
TSAI	54.06		Running Balance (bags)		
Brix	78.01				
Bunker Beginning Balance		liters	Salt Beginning Balance		
Bunker Purchases		liters	Add: Purchases		
Less: Production Consumption		liters	Less: Production Consumption		
Running Balance (liters)		liters	RunningBalance (bags)		
Sulfuric Acid Beginning Balance		gallons	Buffer Tank Level		
Add: Purchases		gallons	ELECTRICITY		
Less: Production Consumption		gallons	Electricity final reading (kw)		
Running balance (gallons)		gallons	Electricity beginning (kw)		0
			Electricity used		0
			kw used/liter of alcohol		0
REMARKS / STOPPAGES: Cause / Downtime / Action Take					