



NAVA BHARAT VENTURES LIMITED

SUGAR DIVISION, SAMALKOT - 533 440, EAST GODAVARI DIST., A.P.

OPERATIONAL DATA OF THE COMPANY'S SUGAR DIVISION FOR THE MONTH OF JANUARY 2015

Monthly Manufacturing Report No - 2

Season: 2014/2015

Name & Address of Factory :

For the Month of: January -2015
NAVA BHARAT VENTURES LTD,
SUGAR DIVISION, Samalkot - 533 440.
East Godavari District.

Crushing for the season started at 06.00 p.m on 06/12/14.

Regd.No. of Factory

3013

Clarification Process Used:

Double Sulphitation

SL.No	PARTICULARS	For the	Since Beginning
		month	of Season
1	CANE CRUSHING:		
	Date & Time of Commencement of Season	06-12-2014 @ 06.00 pm.	
	Duration of Run Days	31	57
	Total No.of hours in duration of run	744.00	1354.00
	No.of hours actual crushing	603.10	1209.10
	Total Cane Milled (Qtls)	869000	1637690
2	Juice & Added Water:		
	Average gross mixed juice % Cane	105.07	104.34
	Correction % mixed juice	0.5000	0.5000
	Average net mixed juice % Cane	104.55	103.82
	Total net mixed juice obtained (Qtls)	908524.55	1700236.10
	Average added water % Cane	31.34	30.71
3	SUGARS:		
	Total Sugar bagged (no.of 100kg bags)	0.00	0.00
	Total Sugar bagged (no.of 50kg bags)	175460.00	308000.00
	Qty of sugar bagged (qtls)	87730.00	154000.00
	Qty of sugar in process (a) (qtls) (+)	3090.677	3090.677
	Total Sugar made (qtls)	90820.677	157090.677
	Sugar recovered from previous month process	6301.150	0.000
	Sugar recovered from previous seasons process	0.00	93.988
	sugar recovered from previous season's - C-SUGAR	683.459	683.459
	sugar recovered from previous season's -Wet &damaged sugar	0	1489.857
	Total net Sugar made (qtls)	83836.068	154823.373
4	MOLASSES:		
	Total molasses sent out (qtls)	32550.000	58710.000
	Qty of molasses in process (A) (qtls) (+)	8392.950	8392.950
	Total molasses produced (qtls)	40942.950	67102.950
	Molasses recovered from previous month process	5663.787	0.000
	Molasses recovered from previous season's process	0.000	45.537
	Molasses recovered from previous season's C-SUGAR (qtls)	118.854	118.854
	Molasses recovered from Wet & Damaged sugar (qtls)	0.000	25.775
	Total net molasses produced (qtls)	35160.309	66912.784
5	RECOVERY:		
	Average recovery of sugar % cane	9.65	9.45
	Average production of final molasses % cane	4.05	4.09
6	Bagasse percent cane	26.27	26.37
	Filter cake percent cane	3.35	3.28
	Gross weight of mixed juice (qtls)	913090.00	1708780.00
	Weight of Dirt mixed juice (qtls)	4565.45	8543.90

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Corporate Identity No. : L27101AP1972PLC001549



NAVA BHARAT VENTURES LIMITED

Continuation Sheet

S.No.	PARTICULARS	For the	Since Beginning
		month	of Season
7	ANALYSIS		
	CANE		
	Sugar percent	11.41	11.20
	Fibre percent	13.18	13.18
	Primary juice		
	Sugar percent	12.98	12.95
	Brix percent	16.23	16.19
	Purity	79.98	79.99
	Mixed Juice		
	Sugar percent	10.51	10.39
	Brix percent	13.32	13.15
	Purity	78.90	79.01
	Last Juice		
	Sugar percent	1.36	1.37
	Brix percent	1.95	1.96
	Purity	69.74	69.90
	Clarified Juice		
	Sugar percent	10.52	10.46
	Brix percent	13.23	13.16
	Purity	79.52	79.48
	UnSulphered Syrup		
	Sugar percent	51.99	51.46
	Brix percent	65.51	65.47
	Purity	79.36	78.60
	Sulphered Syrup		
	Sugar percent	52.54	52.19
	Brix percent	65.95	65.46
	Purity	79.67	79.73
	Masseccuite		
	A1 Brix percent	92.45	92.53
	Purity	83.35	83.91
	A2 Brix percent	91.97	91.58
	Purity	92.71	92.74
	B Brix percent	96.82	96.22
	Purity	69.62	69.20
	C Brix percent	100.85	100.31
	Purity	51.32	51.49
	Molasses (B)		
	A1 Heavy		
	Brix percent	82.69	81.98
	Purity	69.66	69.74
	A2 Heavy		
	Brix percent	78.76	77.64
	Purity	84.54	84.21
	A Light		
	Brix percent	71.76	70.20
	Purity	90.21	91.00
	B Heavy		
	Brix percent	84.91	84.20
	Purity	46.83	46.81
	C Light		
	Brix percent	81.80	81.01
	Purity	66.04	66.56
	Sugars (Average)		
	Sugar Percent (c)	99.80	99.80
	Moisture percent	0.04	0.04
	Final Molasses		
	Sugar Percent	29.99	29.82
	Brix percent	95.75	94.07
	Purity	31.32	31.70
	Bagasse		
	Sugar Percent	1.59	1.54
	Water Percent	47.54	47.81
	Fibre Percent	50.18	49.98
	Filter Cake		
	Sugar Percent	1.95	2.04
	Boiled Feed Water		
	pH	8.80	8.90
	Boiled Feed Water		
	Temperature Deg C	104.00	105.00
	Clear Juice		
	Temperature Deg C	96.00	96.00

8 Qty. of other materials			
Used 14-15 Season.			
Scrapings	HL	0.00	100.00
Wet & Damaged sugar	Qtls	0.00	1520.00
C-Sugar	Qtls	800.00	800

9 ANALYSIS OF OTHER MATERIALS USED SINCE BEGINING OF THE SEASON

	Wet & Damaged Sugar	C-Sugar	Scrapings
Sugar percent:	98.50	89.71	72.345
Brix percent:	99.55	98.80	91.00
Purity S.G. :	98.94	90.80	79.50
Available Sugar - Qtls	1489.857	683.459	93.988
Available Molasses - Qtls	25.775	118.854	45.537

10 STOCK IN PROCESS AS ON: 01-02-2015 @4.00AM

Basis: FM Brix 92.63 Pty 30.75

SL. N	PARTICULARS	HL	BRIX	PURITY	AVAILABLE Sugar - OTLS	MOLASSES OTLS
a)	Clear juice ---	755	13.20	79.30	71.248	32.795
b)	Syrup-----	75	60.00	79.35	38.613	17.712
c)	Remelt---	0	0.00	0.00	0.000	0.000
d)	Massequite					
	A	40	91.40	90.00	46.644	8.499
	B	75	96.60	67.51	58.775	56.083
	C	3050	98.80	50.50	1327.319	3591.460
e)	Light Molasses					
	A	10	70.20	91.95	8.374	1.189
	C	90	69.20	66.93	43.714	43.137
f)	Heavy Molasses					
	A	98	79.60	69.50	61.564	52.317
	B	1190	83.60	45.49	304.376	1215.221
g)	Seed & footings	15	88.20	79.20	13.594	6.301
h)	C-Boillings	2995	93.80	49.00	1116.456	3368.236
i)	Sugar - unbagged	0				
	TOTAL				3090.677	8392.950

11 SUGAR BALANCE

S.No	PARTICULARS	For the month	Since Beginning of the season
1	Suagar in Cane	11.41	11.20
2	Sugar in mixed Juice	10.99	10.81
3	Sugar in Baggase	0.42	0.41
4	Sugar in Filtercake	0.07	0.07
5	Sugar in Molasses	1.21	1.22
6	Sugar in Sugars	9.63	9.43
7	Sugar Undetermined	0.08	0.07
8	Total losses (in bagasse, filter c molasses & undetermined)	1.78	1.77

We hereby declare that the figures given in this return are complete and true to the best of our knowledge and belief.

Date: 03/02/2015

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N. Prabhakar
VICE PRESIDENT

NAVA BHARAT VENTURES LIMITED, SAMALKOT.

Additional information to be appended to R.T. 7(c) for the month of January-2015

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	Hrs.Mts.
1 Time Loss Account:	
1) Miscellaneous	3:15:00
2) Cane shortage	0.00
3) Mechanical troubles	3:00
4) Electrical troubles/ins	4:35
5) Holidays	48:00:00
6) Cleaning	82:00:00
7) Process	0.00
Percent of hours lost to the available (for 744.00 Hrs)	18.929
2 Rate of Crushing for 24 Hrs.:	
1) Including stoppages Tons	2803.23
2) Excluding stoppages "	3457.75
3) Installed/Liscensed capacity	4000.00
3 Efficiency figures:	
1) Mill extraction	96.35
2) Reduced Mill extraction	96.56
3) Added water % fibre	237.77
4) Added water extracted into mixed juice % added water	60.43
5) Undiluted juice lost in bagasse % fibre	27.98
6) Boiling house extraction	87.76
7) Virtual purity of molasses	31.64
8) Reduced Boiling House extraction	
as per Noel Deerr:	91.83
as per Gundurao	91.65
9) Overall recovery	84.55
10) Reduced Overall recovery	
as per Noel Deerr	88.67
as per Gundurao	88.50
11) ERQV - MJ/PJ	98.25
LMJ/PJ	80.08
4 Massecuites boiled:	
'A' Massecuite % cane	22.20
'B' Massecuite % cane	13.10
'C' Massecuite % cane	7.60
Total	42.90
5 Grades of Sugar bagged:	
I.S.S (Percentage of production)	-
S-30	0.00
S-31	30.74
M-31	66.47
L-30	-
L-31	2.79
Total	100.00

Date: 03/02/2015



(Signature)
N.Prabhakar
VICE PRESIDENT