



NAVA BHARAT VENTURES LIMITED

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

NAVA BHARAT

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

Monthly Manufacturing Report No - 4

Season: 2014/2015

Name & Address of Factory :

NAVA BHARAT VENTURES LTD,
SUGAR DIVISION, Samalkot - 533 440.
East Godavari District.

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.	
	Date & Time of Closing of Season	26-03-2015 @ 03:30 am.	
	Duration of Run Days	26	111
	Total No. of hours in duration of run	623.30	2649.30
	No. of hours actual crushing	589.00	2423.50
	Total Cane Milled (Qtls)	790932.49	3409622.49
2	Juice & Added Water:		
	Average gross mixed juice % Cane	107.44	105.87
	Correction % mixed juice	0.5000	0.5000
	Average net mixed juice % Cane	106.91	105.34
	Total net mixed juice obtained (Qtls)	845551.00	3591741.05
	Average added water % Cane	35.48	32.84
3	SUGARS:		
	Total Sugar bagged (no. of 100kg bags)	0.00	5650.00
	Total Sugar bagged (no. of 50kg bags)	178120.00	684940.00
	* BISS Sugar Qtls	800.00	800.00
	Qty of sugar bagged (qtls)	89860.00	348920.00
	Qty of sugar in process (a) (qtls) (+)	95.579	95.579
	Total Sugar made (qtls)	89955.579	349015.579
	Sugar recovered from previous month process	4633.198	0.000
	Sugar recovered from previous seasons process	0.00	93.988
	sugar recovered from previous season's - C-SUGAR	0	683.459
	sugar recovered from previous season's -Wet & damaged sugar	0	1489.857
	Total net Sugar made (qtls)	85322.381	346748.275
4	MOLASSES:		
	Total molasses sent out (qtls)	42100.000	140000.000
	Qty of molasses in process (A) (qtls) (+)	44.253	44.253
	Total molasses produced (qtls)	42144.253	140044.253
	Molasses recovered from previous month process	8230.859	
	Molasses recovered from previous season's process	0.000	45.537
	Molasses recovered from previous season's C-SUGAR (qtls)	0.000	118.854
	Molasses recovered from Wet & Damaged sugar (qtls)	0.000	25.775
	Total net molasses produced (qtls)	33913.394	139854.087
5	RECOVERY:		
	Average recovery of sugar % cane	10.79	10.17
	Average production of final molasses % cane	4.29	4.10
6	BAGASSE:		
	Bagasse percent cane	28.03	26.97
	Filter cake percent cane	3.45	3.36
	Gross weight of mixed juice (qtls)	849800.00	3609790.00
	Weight of Dirt mixed juice (qtls)	4249.00	18048.95

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Corporate Identity No. : L27101AP1972PLC001549

ISO 9001 ISO 14001

NAVA BHARAT VENTURES LIMITED

Continuation Sheet

S.No.	PARTICULARS	For the	Since Beginning
		month	of Season
7	ANALYSIS		
	CANE		
		Sugar percent	12.62
		Fibre percent	14.38
	Primary juice	Sugar percent	13.93
		Brix percent	17.10
		Purity	81.46
	Mixed Juice	Sugar percent	11.36
		Brix percent	14.11
		Purity	80.51
	Last Juice	Sugar percent	1.59
		Brix percent	2.29
		Purity	69.43
	Clarified Juice	Sugar percent	11.25
		Brix percent	13.95
		Purity	80.64
	UnSulphered Syrup	Sugar percent	53.02
		Brix percent	65.57
		Purity	80.86
	Sulphered Syrup	Sugar percent	53.83
		Brix percent	66.33
		Purity	81.15
	Masseccuite	A1 Brix percent	93.36
		Purity	85.24
		A2 Brix percent	92.90
		Purity	93.63
		B Brix percent	97.30
		Purity	71.28
		C Brix percent	100.04
		Purity	52.40
	Molasses (B)		
	A1 Heavy	Brix percent	82.79
		Purity	71.38
	A2 Heavy	Brix percent	77.97
		Purity	85.84
	A Light	Brix percent	70.08
		Purity	91.61
	B Heavy	Brix percent	85.78
		Purity	49.46
	C Light	Brix percent	80.04
		Purity	64.48
	Sugars (Average)	Sugar Percent (c)	99.80
		Moisture percent	0.04
	Final Molasses	Sugar Percent	29.37
		Brix percent	89.46
		Purity	32.83
	Bagasse	Sugar Percent	1.69
		Water Percent	46.28
		Fibre Percent	51.28
	Filter Cake	Sugar Percent	2.38
	Boiled Feed Water	pH	9.00
	Boiled Feed Water	Temperature Deg C	104.00
	Clear Juice	Temperature Deg C	96.00

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Continuation Sheet

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	0.00	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: 01-04-2015 @4.00AM

Basis: FM Brix 90.00 Pty 32.00

SL. N	PARTICULARS	HL	BRIX	PURITY	AVAILABLE Sugar - QTLs	MOLASSES QTLs
a)	Clear juice		0.00	0.00	0.00	0.00
b)	Syrup		0.00	0.00	0.00	0.00
c)	Remelt		0.00	0.00	0.00	0.00
d)	Masseccuite		0.00	0.00	0.00	0.00
	A		0.00	0.00	0.00	0.00
	B		0.00	0.00	0.00	0.00
	C		0.00	0.00	0.00	0.00
e)	Light Molasses		0.00	0.00	0.00	0.00
	A		0.00	0.00	0.00	0.00
	C		0.00	0.00	0.00	0.00
f)	Heavy Molasses		0.00	0.00	0.00	0.00
	A		0.00	0.00	0.00	0.00
	B		0.00	0.00	0.00	0.00
g)	Seed & footings	100	91.00	80.00	95.579	44.253
h)	C-Boilings		0.00	0.00	0.000	0.000
i)	Sugar - unbagged	0				
	TOTAL				95.579	44.253

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Continuation Sheet

11 SUGAR BALANCE

S.No	PARTICULARS	For the month	Since Beginning of the season
1	Sugar in Cane	12.62	11.98
2	Sugar in mixed Juice	12.14	11.54
3	Sugar in Baggase	0.48	0.44
4	Sugar in Filtercake	0.08	0.07
5	Sugar in Molasses	1.26	1.25
6	Sugar in Sugars	10.77	10.15
7	Sugar Undetermined	0.03	0.06
8	Total losses (in bagasse, filter cake, molasses & undetermined)	1.85	1.82

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

Date: 06/04/2015


N. Prabhakar
VICE PRESIDENT



NAVA BHARAT VENTURES LIMITED

Continuation Sheet

NAVA BHARAT VENTURES LIMITED, SAMALKOT.

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

	Hrs.Mts.
1 Time Loss Account:	
1) Miscellaneous	17:45:00
2) Cane shortage	1.40
3) Mechanical troubles	0:30
4) Electrical troubles/ins	1:20
5) Holidays	13:15:00
6) Cleaning	0:00:00
7) Process	0.00
Percent of hours lost to the available (for 623.30 Hrs)	5.535
2 Rate of Crushing for 24 Hrs.:	
1) Including stoppages Tons	3045.46
2) Excluding stoppages "	3222.82
3) Installed/Licensed capacity	4000.00
3 Efficiency figures:	
1) Mill extraction	96.23
2) Reduced Mill extraction	96.80
3) Added water % fibre	246.79
4) Added water extracted into mixed juice % added water	53.04
5) Undiluted juice lost in bagasse % fibre	27.80
6) Boiling house extraction	88.85
7) Virtual purity of molasses	31.40
8) Reduced Boiling House extraction	
as per Noel Deerr:	91.92
as per Gundurao	91.76
9) Overall recovery	85.51
10) Reduced Overall recovery	
as per Noel Deerr	88.98
as per Gundurao	88.82
11) ERQV - MJ/PJ	98.02
LMJ/PJ	77.25
4 Masseccutes boiled:	
A1' Masseccuite % cane	22.00
A2' Masseccuite % cane	17.00
'B' Masseccuite % cane	13.00
'C' Masseccuite % cane	8.00
Total	60.00
5 Grades of Sugar bagged:	
I.S.S (Percentage of production)	-
S-30	0.00
S-31	32.01
M-31	67.31
L-30	-
L-31	0.67
Total	100.00

Date: 06/04/2015

N. Prabhakar
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 VICE PRESIDENT

