NAVA BHARAT

NAVA BHARAT VENTURES LIMITED

NAVA BHARAT CHAMBERS, RAJ BHAVAN ROAD, HYDERABAD-500 082, A.P., INDIA

NBV/SECTL/1500/2013-14
January 4, 2014

National Stock Exchange of India Limited
Exchange Plaza, 5th Floor
Plot No.C/1, G Block
Bandra Kurla Complex, Bandra (E)
MUMBAI – 400 051.

Kind attn: Sri K.Hari, Vice President

Dear Sir,

Sub : Operational Data being submitted to SISMA for the month of December, 2013.
Ref : Clause 36 of the Listing Agreement.

We enclose herewith the Operational Data of the Company's Sugar Division for the month of December, 2013 which would be submitted to South Indian Sugar Mills Association (SISMA).

The above figures have not been independently verified or audited. As such the final figures after audit may vary.

This is for your kind information, please.

Thanking you,

Yours faithfully,
for NAVA BHARAT VENTURES LTD

Company Secretary
& Vice President

Encl : as above.

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ISO 9001 ISO 14001

NAVA BHARAT VENTURES LIMITED

NAVA BHARAT

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

OPERATIONAL DATA OF THE COMPANY'S SUGAR DIVISION FOR THE MONTH OF December 2013

Monthly Manufacturing Report No - 1

Season: 2013/2014

For the Month of: December -2013

Name & Address of Factory :

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

Crushing for the season started at 09.00 p.m on 05/12/13.

Regd.No. of Factory **3013**

Clarification Process Used: Double Sulphitation

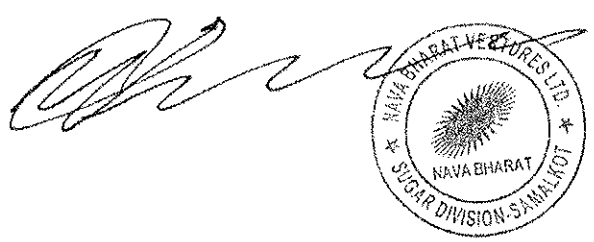
SL.No	PARTICULARS	For the month	Since Beginning of Season
1	**CANE CRUSHING:**		
	Date & Time of Commencement of Season	**05-12-2013 @ 09.00 pm.**	
	Duration of Run Days	27	27
	Total No.of hours in duration of run	631.00	631.00
	No.of hours actual crushing	628.15	628.15
	Total Cane Milled (Qtls)	779290	779290
2	**Juice & Added Water:**		
	Average gross mixed juice % Cane	105.92	105.92
	Correction % mixed juice	0.5310	0.5310
	Average net mixed juice % Cane	105.36	105.36
	Total net mixed juice obtained (Qtls)	821066.73	821066.73
	Average added water % Cane	33.02	33.02
3	**SUGARS:**		
	Total Sugar bagged (no.of 100kg bags)	0.00	0.00
	Total Sugar bagged (no.of 50kg bags)	136440.00	136440.00
	Qty of sugar bagged (qtls)	68220.00	68220.00
	Qty of sugar in process (a) (qtls) (+)	6932.472	6932.472
	Total Sugar made (qtls)	75152.472	75152.472
	Sugar recovered from previous month process	0.000	0.000
	Sugar recovered from previous seasons process	93.99	93.99
	sugar recovered from previous season's - C-SUGAR	0	0
	sugar recovered from previous season's -Wet &damaged sugar	3587.055	3587.055
	Total net Sugar made (qtls)	71471.429	71471.429
4	**MOLASSES:**		
	Total molasses sent out (qtls)	27498.000	27498.000
	Qty of molasses in process (A) (qtls) (+)	4480.315	4480.315
	Total molasses produced (qtls)	31978.615	31978.615
	Molasses recoverd from previous month process	0.000	0.000
	Molasses recovered from previous season's process	45.537	45.537
	Molasses recovered from previous season's C-SUGAR (qtls)	0.000	0.000
	Molasses recovered from Wet & Damaged sugar (qtls)	62.773	62.773
	Total net molasses produced (qtls)	31870.305	31870.305
5	**RECOVERY:**		
	Average recovery of sugar % cane	9.17	9.17
	Average production of final molasses % cane	4.09	4.09
6	Bagasse percent cane	27.09	27.09
	Filter cake percent cane	3.33	3.33
	Gross weight of mixed juice (qtls)	825450.00	825450.00
	Weight of Dirt mixed juice (qtls)	4383.27	4383.27

NAVA BHARAT VENTURES LTD. NAVA BHARAT SUGAR DIVISION-SAMALKOT

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S.No.	PARTICULARS		For the month	Since Beginning of Season
7	**ANALYSIS**			
	CANE	Sugar percent	10.89	10.89
		Fibre percent	13.02	13.02
	Primary juice	Sugar percent	13.04	13.04
		Brix percent	15.97	15.97
		Purity	81.65	81.65
	Mixed Juice	Sugar percent	9.89	9.89
		Brix percent	12.27	12.27
		Purity	80.60	80.60
	Last Juice	Sugar percent	1.38	1.38
		Brix percent	1.92	1.92
		Purity	71.88	71.88
	Clarified Juice	Sugar percent	10.06	10.06
		Brix percent	12.49	12.49
		Purity	80.54	80.54
	UnSulphered Syrup	Sugar percent	50.90	50.90
		Brix percent	63.04	63.04
		Purity	80.74	80.74
	Sulphered Syrup	Sugar percent	51.25	51.25
		Brix percent	63.48	63.48
		Purity	80.73	80.73
	Massecuite	A Brix percent	94.08	94.08
		Purity	86.15	86.15
		B Brix percent	96.09	96.09
		Purity	72.24	72.24
		C Brix percent	99.93	99.93
		Purity	53.09	53.09
	Molasses (B)			
	A Heavy	Brix percent	81.07	81.07
		Purity	71.74	71.74
	A Light	Brix percent	70.81	70.81
		Purity	90.96	90.96
	B Heavy	Brix percent	85.40	85.40
		Purity	50.56	50.56
	C Light	Brix percent	78.40	78.40
		Purity	63.84	63.84
	Sugars (Average)	Sugar Percent (c)	99.80	99.80
		Moisture percent	0.04	0.04
	Final Molasses	Sugar Percent	28.93	28.93
		Brix percent	90.48	90.48
		Purity	31.98	31.98
	Bagasse	Sugar Percent	1.75	1.75
		Water Percent	49.50	49.50
		Fibre Percent	48.07	48.07
	Filter Cake	Sugar Percent	2.00	2.00
	Boiled Feed Water	**pH**	8.90	8.90
	Boiled Feed Water	Temparature Deg C	105.00	105.00
	Clear Juice	Temparature Deg C	96.00	96.00



8 Qty. of other materials Used 13-14 Season.

Scrapings	- HL	100 HL
Wet & Damaged sugar	- qtls	3660.00
C-Sugar	- qtls	0.00

9 ANALYSIS OF OTHER MATERIALS USED SINCE BEGINING OF THE SEASON

	Wet & Damaged Sugar	C-Sugar	Scrapings
Sugar percent:	98.50	0	72.345
Brix percent:	99.55	0	91.00
Purity S.G. :	98.94	0	79.50
Available Sugar - Qtls	3587.055	0	93.988
Available Molasses - Qtls	62.773	0	45.537

10 STOCK IN PROCESS AS ON: 01-01-2014 @4.00AM
Basis: FM Brix 92.63 Pty 30.75

SL. No	PARTICULARS	HL	BRIX	PURITY	AVAILABLE Sugar - QTLS	MOLASSES QTLS
a)	Clear juice ---	2044	12.80	80.00	195.667	85.780
b)	Syrup-----	2132	57.60	80.28	1118.598	480.773
c)	Remelt---	290	71.80	90.18	242.980	43.323
d)	Massecuite					
	A	1550	91.40	88.00	1746.400	395.210
	B	579	96.60	70.00	484.521	399.778
	C	1160	98.80	52.72	561.635	1304.847
e)	Light Molasses					
	A	216	70.20	92.95	183.826	22.482
	C	142	69.20	66.93	68.972	68.062
f)	Heavy Molasses					
	A	531	79.60	71.71	385.070	287.147
	B	359	83.60	46.45	97.776	360.041
g)	Seed & footings	1864	88.20	80.20	1724.284	745.408
h)	C-Boilings	275	93.80	52.60	122.743	287.464
i)	Sugar - unbagged					
	TOTAL				6932.472	4480.315

NAVA BHARAT VENTURES LTD. NAVA BHARAT SUGAR DIVISION-SAMALKOT

11 SUGAR BALANCE

S.No	PARTICULARS	For the month	Since Beginning of the season
1	Suagar in Cane	10.894	10.894
2	Sugar in mixed Juice	10.418	10.418
3	Sugar in Baggase	0.48	0.48
4	Sugar in Filtercake	0.07	0.07
5	Sugar in Molasses	1.183	1.183
6	Sugar in Sugars	9.151	9.151
7	Sugar Undetermined	0.018	0.018
8	Total losses (in bagasse, filter c molasses & undetermined)	1.74	1.74

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

Date: 03/01/2014

N.Prabhakar
VICE PRESIDENT

NAVA BHARAT VENTURES LTD
NAVA BHARAT
SUGAR DIVISION-SAMALKOT

NAVA BHARAT VENTURES LIMITED, SAMALKOT.
Additional information to be appended to R.T. 7(c) for the month of December-2013
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		Hrs.Mts.
1	**Time Loss Account:**	
	1) Miscellaneous	2:45:00
	2) Cane shortage	0.00
	3) Mechanical troubles	0
	4) Electrical troubles/ins	0
	5) Holidays	0.00
	6) Cleaning	0.00
	7) Process	
	Percent of hours lost to the available (for 631.00 Hrs)	0.44
2	**Rate of Crushing for 24 Hrs.:**	
	1) Including stoppages Tons	2964.02
	2) Excluding stoppages "	2976.99
	3) Installed/Liscensed capacity	4000.00
3	**Efficiency figures:**	
	1) Mill extraction	95.64
	2) Reduced Mill extraction	95.84
	3) Added water % fibre	253.53
	4) Added water extracted into mixed juice % added water	76.93
	5) Undiluted juice lost in bagasse % fibre	31.75
	6) Boiling house extraction	88.03
	7) Virtual purity of molasses	32.87
	8) Reduced Boiling House extraction	
	as per Noel Deerr:	91.36
	as per Gundurao	91.19
	9) Overall recovery	84.19
	10) Reduced Overall recovery	
	as per Noel Deerr	87.56
	as per Gundurao	87.39
	11) ERQV - MJ/PJ	97.57
	LMJ/PJ	81.59
4	**Massecuites boiled:**	
	'A' Massecuite % cane	21.09
	'B' Massecuite % cane	12.44
	'C' Massecuite % cane	7.22
	Total	40.75
5	**Grades of Sugar bagged:**	
	I.S.S S-29 (Percentage of production)	-
	S-30	0.00
	S-31	54.68
	M-31	45.32
	L-30	-
	L-31	-
	Total	100.00

Date: 03/01/2014

N.Prabhakar
VICE PRESIDENT

NAVA BHARAT VENTURES LTD. NAVA BHARAT SUGAR DIVISION-SAMALKOT