NAVA BHARAT VENTURES LIMITED

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

NAVA BHARAT

NBV/SECTL/ 035 /2013-14
April 5, 2013

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 March, 2013.
Ref : Clause 36 of the Listing Agreement.

We enclose herewith the Operational Data of the Company's Sugar Division for the month of March, 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

Asst.General Manager (Secretarial)

Encl : as above.

Telephone : (040) 23402064, 23403501, 23403540 Fax : (040) 23403013
E-mail : nbvl@nbv.in Website : www.nbventures.com

ISO 9001 ISO 14001

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

Monthly Manufacturing Report **Range: SAMALKOT**

Season: 2012/2013 For the Month of: March -2013

Name & Address of Factory : **NAVA BHARAT VENTURES LTD, SUGAR DIVISION, Samalkot - 533 440. East Godavari District.**

Crushing for the season stopped at 10.25 a.m on 29/03/13.

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	**24-11-2012 @ 10.40 A.M.**	
	Duration of Run Days	29	126
	Total No.of hours in duration of run	678.25	2999.45
	No.of hours actual crushing	671.30	2822.25
	Total Cane Milled (Qtls)	951319.5	4074919.5
2	**Juice & Added Water:**		
	Average gross mixed juice % Cane	107.23	106.35
	Correction % mixed juice	0.5300	0.5300
	Average net mixed juice % Cane	106.67	105.79
	Total net mixed juice obtained (Qtls)	1014744.91	4310741.32
	Average added water % Cane	35.45	34.02
3	**SUGARS:**		
	Total Sugar bagged (no.of 100kg bags)	101410.00	404080**
	* No of C-Sugar bags(qtls)	980.00	980.00
	Qty of sugar bagged (qtls)	102390.00	405060.00
	Qty of sugar in process (a) (qtls) (+)	94.181	94.181
	Total Sugar made (qtls)	102484.181	405154.181
	Sugar recovered from previous month process	4601.804	0.000
	Sugar recovered from previous seasons process	0.00	196.904
	sugar recovered from previous season's - C-SUGAR	0.00	1282.819
	sugar recovered from previous season's -Wet &damaged sugar	0.00	230.973
	Total net Sugar made (qtls)	97882.377	403443.485
4	**MOLASSES:**		
	Total molasses sent out (qtls)	43412.200	167347.600
	Qty of molasses in process (A) (qtls) (+)	51.574	51.574
	Total molasses produced (qtls)	43463.774	167399.174
	Molasses recoverd from previous month process	4433.798	0.000
	Molasses recovered from previous season's process	0.000	83.074
	Molasses recovered from previous season's C-SUGAR (qtls)	0.000	219.234
	Molasses recovered from Wet & Damaged sugar (qtls)	0.000	3.742
	Total net molasses produced (qtls)	39029.976	167093.124
5	**RECOVERY:**		
	Average recovery of sugar % cane	10.29	9.90
	Average production of final molasses % cane	4.10	4.10
6	Bagasse percent cane	28.22	27.67
	Filter cake percent cane	3.24	3.60
	Gross weight of mixed juice (qtls)	1020150.00	4333710.00
	Weight of Dirt mixed juice (qtls)	5405.09	22968.68

*Quantity of C-sugar left over stock of above 90% sucrose

**Includes 609340 bags of 50 k.gs



S.No.	PARTICULARS		For the month	Since Beginning of Season
7	**ANALYSIS**			
	CANE	Sugar percent	12.06	11.63
		Fibre percent	13.72	13.47
	Primary juice	Sugar percent	14.24	13.75
		Brix percent	17.16	16.74
		Purity	82.98	82.14
	Mixed Juice	Sugar percent	10.839	10.537
		Brix percent	13.291	13.025
		Purity	81.55	80.90
	Last Juice	Sugar percent	1.40	1.33
		Brix percent	1.96	1.86
		Purity	71.43	71.51
	Clarified Juice	Sugar percent	10.818	10.537
		Brix percent	13.24	13.00
		Purity	81.71	81.05
	UnSulphered Syrup	Sugar percent	53.45	49.24
		Brix percent	65.40	60.81
		Purity	81.73	80.97
	Sulphered Syrup	Sugar percent	53.71	49.52
		Brix percent	65.58	61.02
		Purity	81.90	81.15
	Massecuite	A Brix percent	93.44	92.63
		Purity	85.60	87.29
		B Brix percent	96.37	95.87
		Purity	69.97	71.35
		C Brix percent	99.32	99.06
		Purity	52.75	51.75
	Molasses (B)			
	A Heavy	Brix percent	81.62	80.63
		Purity	68.99	71.38
	A Light	Brix percent	72.15	71.02
		Purity	87.58	90.34
	B Heavy	Brix percent	86.88	85.99
		Purity	49.06	48.15
	C Light	Brix percent	80.20	76.83
		Purity	65.64	64.13
	Sugars (Average)	Sugar Percent (c)	99.80	99.80
		Moisture percent	0.04	0.04
	Final Molasses	Sugar Percent	28.11	27.90
		Brix percent	91.33	91.78
		Purity	30.78	30.40
	Bagasse	Sugar Percent	1.79	1.76
		Water Percent	48.88	48.88
		Fibre Percent	48.61	48.66
	Filter Cake	Sugar Percent	2.18	2.23
	Boiled Feed Water	**pH**	9.00	9.00
	Boiled Feed Water	Temparature Deg C	105.00	105.00
	Clear Juice	Temparature Deg C	96.000	96.000

8 Qty. of other materials
Used 12-13 Season.

Scrapings	- HL	200 HL
Wet & Damaged sugar	- qtls	236.00
C-Sugar	- qtls	1500.00

9 ANALYSIS OF OTHER MATERIALS USED SINCE BEGINING OF THE SEASON

	Wet & Damaged Sugar	C-Sugar	Scrapings
Sugar percent:	98.32	89.71	74.34
Brix percent:	99.30	98.80	92.00
Purity S.G. :	99.01	90.80	80.80
Available Sugar - Qtls	230.973	1282.819	196.904
Available Molasses - Qtls	3.742	219.234	83.074

10 STOCK IN PROCESS AS ON: 01-04-2013 @4.00AM
Basis: Brix 83.33 Pty 40.00

SL. N	PARTICULARS HL	BRIX	PURITY	AVAILABLE Sugar - QTLS	MOLASSES QTLS
a)	100	91.8	81.20	94.181	51.574

11 SUGAR BALANCE

S.No	PARTICULARS	For the month	Since Beginning of season
1	Suagar in Cane	12.06	11.63
2	Sugar in mixed Juice	11.56	11.14
3	Sugar in Baggase	0.50	0.49
4	Sugar in Filtercake	0.07	0.08
5	Sugar in Molasses	1.16	1.14
6	Sugar in Sugars	10.27	9.88
7	Sugar Undetermined	0.06	0.04
8	Total losses (in bagasse, filter c molasses & undetermined)	1.79	1.75

N.Prabhakar
VICE PRESIDENT

NAVA BHARAT VENTURES LIMITED, SAMALKOT.
Additional information
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		Hrs.Mts.
1	**Time Loss Account:**	
	1) Miscellaneous	6.25
	2) Cane shortage	0.00
	3) Mechanical troubles	0
	4) Electrical troubles/ins	0.30
	5) Holidays	0.00
	6) Cleaning	0.00
	7) Process	
	Percent of hours lost to the available (for 678.25.00 HRS)	1.02
2	**Rate of Crushing for 24 Hrs.:**	
	1) Including stoppages Tons	3366.00
	2) Excluding stoppages "	3400.00
	3) Installed/Liscensed capacity	4000.00
3	**Efficiency figures:**	
	1) Mill extraction	95.82
	2) Reduced Mill extraction	96.24
	3) Added water % fibre	258.45
	4) Added water extracted into mixed juice % added water	69.78
	5) Undiluted juice lost in bagasse % fibre	29.99
	6) Boiling house extraction	88.99
	7) Virtual purity of molasses	32.54
	8) Reduced Boiling House extraction	
	as per Noel Deerr:	91.49
	as per Gundurao	91.26
	9) Overall recovery	85.26
	10) Reduced Overall recovery	
	as per Noel Deerr	88.05
	as per Gundurao	87.83
	11) ERQV - MJ/PJ	97.11
	LMJ/PJ	78.77
4	**Massecuites boiled:**	
	'A' Massecuite % cane	23.67
	'B' Massecuite % cane B1+B2	13.96
	'C' Massecuite % cane	8.10
	Total	45.73
5	**Grades of Sugar bagged:**	
	I.S.S S-29 (Percentage of production)	0.00
	S-30	0.00
	S-31	64.97
	M-31	35.03
	L-30	-
	L-31	-
	Total	100.00

N.Prabhakar
VICE PRESIDENT

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NAVA BHARAT

NAVA BHARAT VENTURES LIMITED

(Formerly NAVA BHARAT FERRO ALLOYS LIMITED)
SUGAR DIVISION, SAMALKOT-533 440, EAST GODAVARI DIST., A.P.

Sub: 2012-13 Crushing season-Daily crushing Report as at the end of March – 2013.

Date of Report: 31.03.2013

S.No	Season	Cane Crushed (MT)		Sugar Bagged(Qtls)		% of Recovery	
		On date	To date	On date	To date	On date	To date
1	2012-13	-	407491.95	230	404080	-	9.90
2	2011-12	3890	379270	4250	378470	9.35	10.13

Cane crushing operations for the season 2012-13 started at 10.40.a.m on 24.11.2012.
Cane crushing operations for the season 2012-13 stopped at 10.25 a.m on 29.03.2013

Vice President

Telephone : 91-884-2327384, 2327584 FAX: 91-884-2327587
E-mail : nbvsld@nbv.in Website : www.nbventures.com

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