NAVA BHARAT VENTURES LIMITED

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

NAVA BHARAT

NBV/SECTL/1919/2012-13
March 6, 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 February, 2013.
Ref : Clause 36 of the Listing Agreement.

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

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ISO 9001 ISO 14001

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

Monthly Manufacturing Report

Range: SAMALKOT

Season 2012/2013

Name & Address of Factory :

For the month of Febraury 2013

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 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	28	97
	Total No.of hours in duration of run	672.00	2321.20
	No.of hours actual crushing	664.55	2150.55
	Total Cane Milled (Qtls)	1070000	3123600
2	**Juice & Added Water:**		
	Average gross mixed juice % Cane	107.33	106.08
	Correction % mixed juice	0.5300	0.5300
	Average net mixed juice % Cane	106.76	105.52
	Total net mixed juice obtained (Qtls)	1142333.50	3295996.41
	Average added water % Cane	35.21	33.59
3	**SUGARS:**		
	Total Sugar bagged (no.of 100kg bags)	29220.00	29220.00
	(No of 50 Kg bags)	163560.00	546900.00
	Qty of sugar bagged (qtls)	111000.00	302670.00
	Qty of sugar in process (a) (qtls) (+)	4601.804	4601.804
	Total Sugar made (qtls)	115601.804	307271.804
	Sugar recovered from previous month process	3991.620	0.00
	Sugar recovered from Wet & Damaged sugar	230.973	230.973
	Sugar recovered from previous season's process - C-SUGAR	0.000	1282.819
	Sugar recovered from scrapings of 2011-12	0.000	196.904
	Total net Sugar made (qtls)	111379.211	305561.108
4	**MOLASSES:**		
	Total molasses sent out (qtls)	43931.40	123935.40
	Qty of molasses in process (A) (qtls) (+)	4433.798	4433.798
	Total molasses produced (qtls)	48365.198	128369.198
	Molasses recoverd from previous month process	4122.129	0.00
	Molasses recovered from Wet & Damaged sugar	3.742	3.742
	Molasses recovered from previous season's process C-SUGAR (qtls)	0.000	219.234
	Molasses recovered from scrapings of2011-12	0.000	83.074
	Total net molasses produced (qtls)	44239.327	128063.148
5	**RECOVERY:**		
	Average recovery of sugar % cane	**10.41**	**9.78**
	Average production of final molasses % cane	**4.14**	**4.10**
6	Bagasse percent cane	27.88	27.51
	Filter cake percent cane	3.74	3.71
	Gross weight of mixed juice (qtls)	1148420.00	3313560.00
	Weight of Dirt mixed juice (qtls)	6086.50	17563.59

NAVA BHARAT VENTURES LIMITED HYDERABAD

S.No.	PARTICULARS		For the month	of Season
7	**ANALYSIS**			
	CANE	Sugar percent	12.15	11.50
		Fibre percent	13.57	13.39
	Primary juice	Sugar percent	14.23	13.59
		Brix percent	17.11	16.60
		Purity	83.17	81.87
	Mixed Juice	Sugar percent	10.91	10.441
		Brix percent	13.35	12.94
		Purity	81.72	80.69
	Last mill Juice	Sugar percent	1.37	1.31
		Brix percent	1.91	1.83
		Purity	71.73	71.58
	Clarified Juice	Sugar percent	11.017	10.445
		Brix percent	13.46	12.92
		Purity	81.85	80.84
	UnSulphered Syrup	Sugar percent	50.08	47.91
		Brix percent	61.09	59.36
		Purity	81.98	80.71
	Sulphered Syrup	Sugar percent	50.33	48.20
		Brix percent	61.27	59.58
		Purity	82.14	80.90
	Massecuite	A Brix percent	92.43	92.37
		Purity	88.74	87.84
		B Brix percent	95.94	95.71
		Purity	72.32	71.79
		C Brix percent	99.25	98.98
		Purity	52.88	51.40
	Molasses (B)			
	A Heavy	Brix percent	80.85	80.31
		Purity	72.65	72.16
	A Light	Brix percent	72.30	70.66
		Purity	90.37	91.25
	B Heavy	Brix percent	86.34	85.70
		Purity	49.59	47.85
	C Light	Brix percent	78.53	75.70
		Purity	63.26	63.58
	Sugars (Average)	Sugar Percent (c)	99.80	99.80
		Moisture percent	0.04	0.04
	Final Molasses	Sugar Percent	27.65	27.82
		Brix percent	90.69	91.94
		Purity	30.49	30.26
	Bagasse	Sugar Percent	1.80	1.75
		Water Percent	48.80	48.87
		Fibre Percent	48.69	48.69
	Filter Cake	Sugar Percent	2.26	2.25
	Boiler Feed Water	**pH**	9.00	9.00
		Temparature øC	105.00	105.00
	Temperature of Clear Juice øC		96.000	96.00

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8 Qty. of other materials
Used 11-12

Scrapings	200 HL
C - Sugar	1500 Qtls
Wet &Damaged sugar	236 Qtls

9 ANALYSIS OF OTHER MATERIALS USED SINCE BEGINING OF THE SEASON

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

10 STOCK IN PROCESS AS ON: 01-03-2013 @ 4 AM
Basis: Brix 90.69 Pty 30.49

SL. No	PARTICULARS	H L	BRIX	PURITY	AVAILABLE Qtls Sugar	Molasses
a)	Juice (Clear)	3120	13.40	82.22	327.853	124.256
b)	Syrup	885	56.80	82.55	477.793	176.592
	Remelt	42	60.20	90.82	28.283	4.746
c)	Massecuites:					
	A	259	91.20	89.01	296.246	61.353
	B	261	95.40	73.43	233.774	159.527
	C	1659	98.40	49.40	684.453	2019.547
d)	Light Molasses					
	A	32	72.40	89.63	26.877	5.195
	C	49	82.40	64.40	28.145	32.581
e)	Heavy Molasses					
	A	341	81.20	70.20	224.776	186.002
	B	358	86.20	50.20	127.327	354.746
f)	Seed & Footings	1916	88.40	80.80	1802.286	758.402
	C Boilings	470	95.60	49.20	183.991	550.851
g)	Sugar - Unbagged				160.00	
h)	Total				4601.804	4433.798

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11 SUGAR BALANCE

S.No	PARTICULARS	For the month	Since Beginning of season
1	Suagar in Cane	12.15	11.5
2	Sugar in mixed Juice	11.65	11.02
3	Sugar in Baggase	0.50	0.48
4	Sugar in Filtercake	0.08	0.08
5	Sugar in Molasses	1.14	1.14
6	Sugar in Sugars	10.39	9.76
7	Sugar Undetermined	0.04	0.04
8	Total losses (in bagasse, filter cake molasses & undetermined)	1.76	1.74

NAVA BHARAT VENTURES LIMITED HYDERABAD

N.Prbhakar
VICE PRESIDENT

NAVA BHARAT VENTURES LTD, SUGAR DIVISION, SAMALKOT

Additional information

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		Hrs.Mts.
1	**Time Loss Account:**	
	1) Miscellaneous	6.50
	2) Cane shortage	0.00
	3) Mechanical troubles	0.15
	4) Electrical troubles/Instrumentation	0.00
	5) Holidays	0.00
	6) Cleaning	0.00
	7) Process	0.00
	Percent of hours lost to the available (for 672.00 HRS)	1.05
2	**Rate of Crushing for 24 Hrs.:**	
	1) Including stoppages Tons	3821.00
	2) Excluding stoppages "	3862.00
	3) Installed/Liscensed capacity	4000.00
3	**Efficiency figures:**	
	1) Mill extraction	95.87
	2) Reduced Mill extraction	96.25
	3) Added water % fibre	259.41
	4) Added water extracted into mixed juice % added water	66.46
	5) Undiluted juice lost in bagasse % fibre	30.21
	6) Boiling house extraction	89.34
	7) Virtual purity of molasses	32.31
	8) Reduced Boiling House extraction	
	as per Noel Deerr:	91.58
	as per Gundurao	91.36
	9) Overall recovery	85.65
	10) Reduced Overall recovery	
	as per Noel Deerr	88.14
	as per Gundurao	87.93
	11) ERQV - MJ/PJ	97.38
	LMJ/PJ	79.05
4	**Massecuites boiled:**	
	'A' Massecuite % cane	23.94
	'B' Massecuite % cane B1+B2	14.13
	'C' Massecuite % cane	8.19
	Total	46.26
5	**Grades of Sugar bagged:**	
	I.S.S S-29 (Percentage of production)	0.00
	S-30	0.00
	S-31	45.41
	M-31	54.59
	L-30	0.00
	L-31	0.00
	Total	100.00

NAVA BHARAT VENTURES LIMITED HYDERABAD

N.Prbhakar
VICE PRESIDENT

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(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 Feb – 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	4020	312360	5110	302670	10.52	9.78
2	2011-12	3860	269350	4020	265750	10.62	10.07

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

Vice President

NAVA BHARAT VENTURES LIMITED HYDERABAD

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