NAVA BHARAT VENTURES LIMITED

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

NAVA BHARAT

NBV/SECTL/130 /2014-15
April 04, 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 April, 2014.
Ref : Clause 36 of the Listing Agreement.

We enclose herewith the Operational Data of the Company's Sugar Division for the month of April, 2014 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.

Telephone : (040) 23403501, 23403540 Fax : (040) 23403013
E-mail : nbvl@nbv.in Website : www.nbventures.com
Corporate Identity No. : L27101AP1972PLC001549

ISO 9001 ISO 14001

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 APRIL 2014

Monthly Manufacturing Report No - 5

Season: 2013/2014 : For the Month of April -2014
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

S.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	17	134
	Total No.of hours in duration of run	389.30	3180.30
	No.of hours actual crushing	345.15	2942.45
	Total Cane Milled (Qtls)	381993.26	4179442.06
2	**Juice & Added Water:**		
	Average gross mixed juice % Cane	107.531	104.684
	Correction % mixed juice	0.500	0.507
	Average net mixed juice % Cane	106.993	104.153
	Total net mixed juice obtained (Qtls)	408706.200	4353002.63
	Average added water % Cane	36.07	32.30
3	**SUGARS:**		
	Total Sugar bagged (no.of 100kg bags)	23450.00	31000.00
	Total Sugar bagged (no.of 50kg bags)	43200.00	814420.00
	* No of C-Sugar bags (qtls)	800.00	800.00
	Qty of sugar bagged (qtls)	45850.00	439010.00
	Qty of sugar in process (a) (qtls) (+)	93.995	93.995
	Total Sugar made (qtls)	45943.995	439103.995
	Sugar recovered from previous month process	3373.408	
	Sugar recovered from previous seasons process	0.00	93.988
	sugar recovered from previous season's - C-SUGAR	0.00	839.538
	sugar recovered from previous season's -Wet &damaged sugar	3077.419	7708.248
	Total net Sugar made (qtls)	39493.168	430462.221
4	**MOLASSES:**		
	Total molasses sent out (qtls)	19050.000	168000.000
	Qty of molasses in process (A) (qtls) (+)	44.563	44.563
	Total molasses produced (qtls)	19094.563	168044.563
	Molasses recoverd from previous month process	3768.677	
	Molasses recovered from previous season's process	0.000	45.537
	Molasses recovered from previous season's C-SUGAR (qtls)	0.000	144.149
	Molasses recovered from Wet & Damaged sugar (qtls)	53.855	134.894
	Total net molasses produced (qtls)	15272.031	167719.983
5	**RECOVERY:**		
	Average recovery of sugar % cane	10.34	10.30
	Average production of final molasses % cane	4.00	4.01
6	Bagasse percent cane	28.54	27.62
	Filter cake percent cane	3.11	3.44
	Gross weight of mixed juice (qtls)	410760.00	4375190.00
	Weight of Dirt mixed juice (qtls)	2053.80	22187.37

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

Telephone : (0884) 2327384, 2327337, 2327584, 2327471 Fax : (0884) 2327587
E-mail : nbvlsd@nbv.in Website : www.nbventures.com
//Corporate Identity No.: L27101AP1972PLC001549//

ISO 9001 ISO14001

S.No.	PARTICULARS		For the month	Since Beginning of Season
7	**ANALYSIS**			
	CANE	Sugar percent	12.20	12.12
		Fibre percent	13.66	13.32
	Primary juice	Sugar percent	13.78	13.82
		Brix percent	17.03	16.84
		Purity	80.92	82.07
	Mixed Juice	Sugar percent	10.92	11.17
		Brix percent	13.74	13.80
		Purity	79.48	80.94
	Last Juice	Sugar percent	1.39	1.41
		Brix percent	1.97	1.99
		Purity	70.56	70.85
	Clarified Juice	Sugar percent	10.94	10.67
		Brix percent	13.61	13.14
		Purity	80.38	81.20
	UnSulphered Syrup	Sugar percent	52.48	52.67
		Brix percent	65.06	64.87
		Purity	80.66	81.19
	Sulphered Syrup	Sugar percent	54.29	53.94
		Brix percent	67.34	66.39
		Purity	80.62	81.25
	Massecuite	A Brix percent	92.50	93.09
		Purity	85.09	84.75
		B Brix percent	96.47	96.42
		Purity	69.25	70.27
		C Brix percent	99.24	99.33
		Purity	51.27	51.21
	Molasses (B)			
	A Heavy	Brix percent	80.93	80.40
		Purity	69.70	69.69
	A Light	Brix percent	69.97	71.20
		Purity	86.94	88.27
	B Heavy	Brix percent	86.28	86.55
		Purity	46.51	48.33
	C Light	Brix percent	76.33	79.05
		Purity	60.74	62.13
	Sugars (Average)	Sugar Percent (c)	99.80	99.80
		Moisture percent	0.04	0.04
	Final Molasses	Sugar Percent	30.29	29.57
		Brix percent	93.31	92.24
		Purity	32.46	32.06
	Bagasse	Sugar Percent	1.80	1.78
		Water Percent	49.60	49.30
		Fibre Percent	47.86	48.22
	Filter Cake	Sugar Percent	2.11	2.02
	Boiled Feed Water	pH	9.00	9.00
	Boiled Feed Water	Temparature Deg C	105.00	105.00
	Clear Juice	Temparature Deg C	95.00	95.00

8	Qty. of other materials Used in 2013-14 Season.			
	Scrapings	HL	0.00	100.00
	Wet & Damaged sugar	Qtls	3140.00	7865.00
	C-Sugar	Qtls	0.00	980

9 ANALYSIS OF OTHER MATERIALS USED SINCE BEGINING OF THE SEASON

	Wet & Damaged Sugar	C-Sugar	Scrapings
Sugar percent:	98.50	89.90	72.345
Brix percent:	99.55	98.90	91.00
Purity S.G. :	98.94	90.90	79.50
Available Sugar - Qtls	7708.248	839.538	93.988
Available Molasses - Qtls	134.894	144.149	45.537

10 STOCK IN PROCESS AS ON: 20-04-2014 @4.00AM

Basis: FM Brix 90.00 Pty 32.00

S.No	PARTICULARS	HL	BRIX	PURITY	AVAILABLE Sugar - QTLS	MOLASSES QTLS
a)	Clear juice ---	0	0.00	0.00	0.000	0.000
b)	Syrup-----	0	0.00	0.00	0.000	0.000
c)	Remelt---	0	0.00	0.00	0.000	0.000
d)	Massecuite		0.00	0.00	0.000	0.000
	A	0	0.00	0.00	0.000	0.000
	B	0	0.00	0.00	0.000	0.000
	C	0	0.00	0.00	0.000	0.000
e)	Light Molasses		0.00	0.00	0.000	0.000
	A	0	0.00	0.00	0.000	0.000
	C	0	0.00	0.00	0.000	0.000
f)	Heavy Molasses		0.00	0.00	0.000	0.000
	A	0	0.00	0.00	0.000	0.000
	B	0	0.00	0.00	0.000	0.000
g)	Seed & footings	100	91.00	79.50	93.995	44.563
h)	C-Boilings	0	0.00	0.00	0.000	0.000
i)	Sugar - unbagged	0			0.00	0.000
	TOTAL				93.995	44.563

11 SUGAR BALANCE

S.No	PARTICULARS	For the month	Since Beginning of Season
1	Suagar in Cane	12.200	12.120
2	Sugar in mixed Juice	11.687	11.629
3	Sugar in Baggase	0.513	0.491
4	Sugar in Filtercake	0.066	0.069
5	Sugar in Molasses	1.211	1.189
6	Sugar in Sugars	10.320	10.28
7	Sugar Undetermined	0.090	0.091
8	Total losses (in bagasse, filter cake molasses & undetermined)	1.880	1.840

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

Date: 23/04/2014

N. Prabhakar
VICE PRESIDENT

NAVA BHARAT VENTURES LIMITED, SAMALKOT.
Additional information to be appended to R.T. 7(c) for the month of April-2014

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		Hrs.Mts.
1	**Time Loss Account:**	
	1) Miscellaneous	0:00:00
	2) Cane shortage	13:00:00
	3) Mechanical troubles	0
	4) Electrical troubles/ins	1:15
	5) Holidays	20:20:00
	6) Cleaning	30:00:00
	7) Process	0.00
	Percent of hours lost to the available (for 389.30 Hrs)	11.360
2	**Rate of Crushing for 24 Hrs.:**	
	1) Including stoppages Tons	2354.96
	2) Excluding stoppages "	2655.42
	3) Installed/Liscensed capacity	4000.00
3	**Efficiency figures:**	
	1) Mill extraction	95.80
	2) Reduced Mill extraction	96.21
	3) Added water % fibre	264.09
	4) Added water extracted into mixed juice % added water	56.60
	5) Undiluted juice lost in bagasse % fibre	31.18
	6) Boiling house extraction	88.30
	7) Virtual purity of molasses	31.19
	8) Reduced Boiling House extraction	
	as per Noel Deerr:	92.03
	as per Gundurao	91.91
	9) Overall recovery	84.59
	10) Reduced Overall recovery	
	as per Noel Deerr	88.54
	as per Gundurao	88.42
	11) ERQV - MJ/PJ	97.21
	LMJ/PJ	80.21
4	**Massecuites boiled:**	
	'A' Massecuite % cane	23.78
	'B' Massecuite % cane	14.03
	'C' Massecuite % cane	8.14
	Total	45.95
5	**Grades of Sugar bagged:**	
	I.S.S (Percentage of production)	
	S-30	0.00
	S-31	45.28
	M-31	52.05
	L-30	0.00
	L-31	2.67
	Total	100.00

Date: 23/04/2014

N.Prabhakar
VICE PRESIDENT