NAVA BHARAT VENTURES LIMITED

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

NAVA BHARAT

NBV/SECTL/148 /2014-15
May 2, 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 Season 2013-14.
Ref : Clause 36 of the Listing Agreement.

We enclose herewith the Operational Data of the Company's Sugar Division for the Season 2013-14, 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

NAVA BHARAT

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

OPERATIONAL DATA OF THE COMPANY'S SUGAR DIVISION FOR THE SEASON 2013-14

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		THIS SEASON	LAST SEASON
1	**TIME ACCOUNT**			
	Date of Start		05.12.2013	24.11.2012
	Date of finish		17.04.2014	29.03.2013
	Gross Season (days) (f)		134	126
	Duration of season (days) (g)		133.76	128.30
	Total hours actual crushing		2942:45:00	2822:25:00
	Total hours lost		237:45:00	177:20:00
	i) Cane Shortage		13:00:00	8:00:00
	ii) Mechanical & Electrical		8:00:00	5:25:00
	iii) Miscellaneous (Cleaning etc.)		216:45:00	163:55:00
2	**CANE CRUSHED**			
	Own Estate cane	Qtls	3246.27	1458.28
	Gate cane	Qtls	4176195.79	4073461.22
	Outstation cane (a)	Qtls	0	0
	Rail Cane	Qtls	0	0
	Other than Rail cane	Qtls	0	0
	TOTAL	Qtls	4179442.06	4074919.50
3	**JUICE & ADDED WATER**			
	Average gross mixed juice % cane		104.68	106.35
	Correction % mixed juice		0.5070	0.5300
	Average net mixed juice % cane		104.153	105.79
	Total net mixed juice obtained (qtls)		4353002.63	4310741.32
	Average added water % cane		32.30	34.02
4	**SUGARS**			
	Total Sugar bagged (no. of bags) 50 K.Gs		814420	609800
	No. of bags - White 100 K.Gs		31000	99180
	* BISS Sugar	Qtls	800	980
	Quantity	Qtls	439010	405060
	Sugar in process, if any	Qtls	93.995	94.181
	Total sugar made	Qtls	439103.995	405154.181
	Sugar recovered from previous season's process - scrapings Q	Qtls	93.988	196.904
	Sugar from previous season's remelted sugar or other sources	Qtls	839.538	1282.819
	Sugar from remelting wet & damaged white sugar	Qtls	7708.248	230.973
	Total Net. Sugar made	Qtls	430462.221	403443.485

* BISS Sugar contains more than 90 % Sucrose.

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NAVA BHARAT VENTURES LIMITED

Continuation Sheet

Sl No.	PARTICULARS			THIS SEASON	LAST SEASON
5	**MOLASSES**				
	Total molasses sent out Qtls			168000.00	167347.60
	Molasses in process, if any Qtls			44.563	51.574
	Total Molasses produced Qtls			168044.563	167399.174
	Molasses recovered from previous season's processQtls			45.537	83.074
	Molasses from previous season's remelted sugar or other sources Qtls			144.149	219.234
	Molasses from wet&damaged sugar Qtls			134.894	3.742
	Total Net Molasses produced Qtls			167719.983	167093.124
6	**RECOVERY**				
	Average recovery of sugar % cane			10.30	9.90
	Average production of final molasses % cane			4.01	4.10
7	**BAGASSE % CANE**			27.62	27.67
	Filter cake % cane			3.44	3.60
8	**STORES USED**				
	Firewood % cane			0	0
	Lime % cane (Process)			0.1880	0.1770
	(Spray pond)			0.0200	0.0200
	Sulphur % cane			0.0690	0.0680
	Lubricants, Oils & Greases		Greases(Kgs.)	0.0186	0.0215
	per 100 qtls. of cane		Oils (lts.)	0.2567	0.3021
	Gunny Bags for Sugar		No. per 100 Q. Cane (100kg)	0.7417	3.0400
	Washing soda (Soda ash)		Kg per 100 Q.Cane	0.0876	0.0736
	Caustic soda		Kg per 100 Q.Cane	1.0290	0.8855
	Hydro chloric acid (Commercial)		Kg.per 100 Q.Cane	0.6250	0.4520
	Flocuulant Juice		Kg.per 100 Q.Cane	0.0281	0.0276
	Anti scalant		Kg.per 100 Q.Cane	0.0622	0.0834
	Alkalinity booster		Kg.per 100 Q.Cane	0.0096	0.0086
	Oxygen scavenger		Kg.per 100 Q.Cane	0.0012	0.0011
	TSP		Kg.per 100 Q.Cane	0.0060	0.0049
	Mill sanitation chemical		Kg.per 100 Q.Cane	0.0737	0.0663
	Scale Softener		Kg.per 100 Q.Cane	0.0719	0.1669
	Phosphoric acid		Kg.per 100 Q.Cane	0.1859	0.2741
	Antifoam oil		Kg.per 100 Q.Cane	0.0802	0.0871
	Flocuulant syrup		Kg.per 100 Q.Cane	0.0090	0.0098
	Ferric /Non ferric alum		Kg.per 100 Q.Cane	0.1606	0.0953
9	**ANALYSIS**				
	Cane	Sugar percent		12.12	11.63
		Fibre percent		13.32	13.47
	Primary juice	Sugar percent		13.82	13.75
		Brix percent		16.84	16.74
		Purity		82.07	82.14
	Mixed juice	Sugar percent		11.17	10.54
		Brix percent		13.80	13.025
		Purity		80.94	80.9
	Last juice	Sugar percent		1.41	1.33
		Brix percent		1.99	1.86
		Purity		70.85	71.51

Sl No.	PARTICULARS		THIS SEASON	LAST SEASON
	Clarified Juice	Sugar Percent	10.67	10.54
		Brix percent	13.14	13.00
		Purity	81.20	81.05
	UnSulphered Syrup	Sugar Percent	52.67	49.24
		Brix percent	64.87	60.81
		Purity	81.19	80.97
	Sulphered Syrup	Sugar Percent	53.94	49.52
		Brix percent	66.39	61.02
		Purity	81.25	81.15
	Massecuite A	Brix percent	93.09	92.63
		Purity	84.75	87.29
	Massecuite B	Brix percent	96.42	95.87
		Purity	70.27	71.35
	Massecuite C	Brix percent	99.33	99.06
		Purity	51.21	51.75
	Molasses			
	A Heavy	Brix percent	80.40	80.63
		Purity	69.69	71.38
	A Light	Brix percent	71.20	71.02
		Purity	88.27	90.34
	B Heavy	Brix percent	86.55	85.99
		Purity	48.33	48.15
	C Light	Brix percent	79.05	76.83
		Purity	62.13	64.13
	Sugars (Average)	Sugar percent (C)	99.80	99.8
		Moisture percent	0.04	0.04
	Final Molasses	Sugar percent	29.57	27.90
		Brix percent	92.24	91.78
		Purity	32.06	30.40
	Bagasse	Sugar percent	1.78	1.76
		Water percent	49.30	48.88
		Fibre percent	48.22	48.66
	Filter Cake	Sugar percent	2.02	2.23
	Boiler Feed Water pH		9.00	9.00
		Temperature	105	105
	Temperature of Clear Juice C °		95	96
10	**MILL EXTRACTION, BOILING HOUSE EXTRACTION AND OVERALL EXTRACTION**			
	Mill Extraction		95.95	95.82
	Reduced Mill Extraction		96.23	96.16
	Boiling house Extraction		88.56	88.82
	Reduced Boiling house Extraction		91.40	91.76
	Overall Extraction		84.97	85.10
	Reduced Overall Extraction		87.95	88.23

NAVA BHARAT VENTURES LIMITED

Continuation Sheet

Sl.	PARTICULARS		THIS SEASON	LAST SEASON
11	SUGAR BALANCE			
	1. Sugar in cane		12.12	11.63
	2. Sugar in mixed juice		11.63	11.14
	3. Sugar in Baggase		0.49	0.49
	4. Sugar in Filtercake		0.07	0.08
	5. Sugar in Molasses		1.19	1.14
	6. Sugar in Sugars		10.28	9.88
	7. Sugar Undetermined		0.09	0.04
	8. Total losses (in bagasse, filter cake molasses & undetermined)		1.84	1.75
12	AREA AND YIELD OF CANE IN FACTORY FARM			
	Total area of farm	Acres	62.45	62.45
	Area under cane	Acres	12.00	13.00
	Area supplied to factory	Acres	12.00	8.00
	Production of cane	Qtls	3346.27	1672.3
	Average yield per acre	Qtls	278.85	209
	Variety a) Plant	Acres	12.00	-
	b) Ratoon	Acres	-	8.00

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

Date: 30/04/2014

N. Prabhakar
VICE PRESIDENT

NAVA BHARAT FERRO ALLOYS LIMITED
NAVA BHARAT FERRO ALLOYS LIMITED, SAMALKOT

ADDITIONAL INFORMATION FOR THE SEASON

* * * *

	2013-14	2012-13
1. Mill extraction	95.95	95.82
2. Boiling House extraction	88.56	88.69
3. Overall extraction	84.97	84.98
4. Reduced Mill extraction	96.23	96.16
5. Undiluted juice lost % fibre	30.58	30.20
6. Virtual purity of waste molasses	32.45	32.39
7. Reduced boiling house extraction		
a) Gundu Rao	91.4	91.25
b) Noel Deerr	91.52	91.55
8. Reduced overall extraction		
a) Gundu Rao	87.95	87.75
b) Noel Deerr	88.07	88.03
9. Added water % fibre	242.58	252.66
10. Added water extracted in MJ % added water	59.54	70.58
11. Clarification Factor	2.26	1.65
12. Rate of Crushing for 24 Hrs:		
1) Including stoppages Tons.	3154	3261
2) Excluding stoppages Tons	3409	3465
13. E.R.Q.V. - MJ/PJ	97.57	97.28
LMJ/PJ	79.03	80.16
14. Grades of Sugar bagged: (Percentage of production)		
S-30/S31	47.00	49.49
M-30/M-31	51.17	50.51
L30/L-31	1.83	-
Total	100.00	100.00
15. Massecuites % Cane		
"A" Massecuite % cane	23.69	22.77
"B" Massecuite % cane	13.98	13.43
"C" Massecuite % cane	8.11	7.79
Total	45.78	43.99

Date: 30/04/2014

V.V. Prabhakar
VICE PRESIDENT