

bajaj SUGAR

bajaj hindusthan Sugar limited

Unit- kinauni , Distt. Meerut (UP)

FINAL MANUFACTURING REPORT

RT - 8 (C)

CRUSHING SEASON 2021 - 2022

Factory:

KINAUNI

Meerut-Baraut road

Meerut

Uttar Pradesh

Corp. Office:

Bajaj Hindusthan Sugar Ltd,
Plot No- TC-13 Vibhuti Khand
Gomati Nagar Lucknow
Distt Lucknow (U.P)226010

Regd. Office:

Bajaj Hindusthan
Sugar Ltd.
Golagokarannath
Distt Lakhimpur kheri
Uttar Pradesh (262802)

FORM R.T.8 (C)

(For Central Sugar Factories)

Final Manufacturing Report for Season 2021-22

Name & Address of Factory :

Bajaj Hindusthan Sugar Limited, Kinauni

09AAACB4351J1ZQ

GST Registration No. :

Clarification Process used :

Defeco Remelt Phospho Flotation

S.No.	PARTICULARS	This Season 2021-22	Last Season 2020-21
1	Time Account		
	Date of start	08 November 2021 11:15 AM	01 November 2020 02:15 PM
	Date of finish	07 May 2022 12:15 AM	11 May 2021 01:00 AM
	Gross season days	181	192
	Duration of season -days (g)	204	204
	Total hours Actual Crushing	4108.75	4496.00
	Total hours lost	224.25	98.75
	i) Cane shortage	45.50	1.00
	ii) Mechanical	37.50	33.25
	iii) Process	0.00	0.00
	iv) General cleaning	41.50	0.00
	v) Miscellaneous	99.50	49.00
	a) Inclement Weather	0.00	15.50
	b) Festivals	0.00	0.00
	c) Others	0.25	0.00
2 (A)	Cane Crushed :		
	i) Own Estate Cane	0.00	0.00
	ii) Gate Cane	4883573.09	5392238.71
	iii) Out Station (Road Centre)Cane	12476992.56	13109040.17
	iv) Out Station (Rail Centre)Cane	0.00	0.00
	v) Total	17360565.65	18501278.88
(B)	i) Cane Crush on C Molasses	11267400.00	0.00
	ii) Cane Crush on B Molasses	6093165.65	0.00
(C)	Total Raw Sugar Melted	0.00	0.00
3	Juice & Added Water		
	Average Gross Mixed juice % Cane	121.73	121.59
	Correction % Mixed juice	0.49	0.42
	Average Net Mixed juice % Cane	121.13	121.07
	Total Net Mixed juice	2,10,28,061.42	2,23,99,676.64
	Average Added Water	48.78	49.25
4	Sugar		
	Total sugar bagged	38,81,320	43,65,660
	i) No. of bags a) 50 kg	0	0
	b) 100 kg	19,36,570	21,76,300
	=>While Sug Qtls.	4,090	6,530
	=>BIS Sugar Qtls.	12,53,120	0
	Sugar produced on Cane crush for C Molasses	6,87,540	0
	Sugar produced on Cane crush for B Molasses	19,40,660	21,82,830
	ii) Total Quantity Bagged	0	0
	Sugar in Process, if any	19,40,660	21,82,830
	Total Sugar made	0.0	0.0
	Sugar recovered from previous season's process	5835	573
	Sugar recovered from pre. season's remelt sugar	0	0
	Sugar Recovered from Raw Sugar	1935025	2182257
	Total net Sugar made	0	0
5	Molasses/ SYRUP		
	Total Molasses sent out	864500	825050
	Molasses in process, if any	0	0
	Total Molasses Produced	864500	825050
	Molasses recovered from previous season's process	0	0
	Molasses recovered from pre. season's remelt sugar	980	102
	Molasses recovered from Raw Sugar	0	0
	Molasses Recovered from Heavy Molasses)	482800	0
	Molasses produced - (C- Heavy Molasses)	401700	0
	Molasses produced - (B- Heavy Molasses)	863521	824948
	Total net Molasses made	0	0
	Total Qty Bagged includes	4,090	Qtls. Of BIS Sugar above 90 Pol. for this year
	1000 Gm. bagged includes	5,530	Qtls. Of BIS Sugar above 90 Pol. For this year

6	Recovery	Average Recovery of sugar percent cane Average Production of final molasses percent cane/SYRUP Average Production of C-Heavy molasses percent cane Average Production of B-Heavy molasses percent cane Average Recovery of sugar percent Raw Sugar Average Production of final molasses percent Raw Sugar	11.15 4.97 4.11 6.59 0.00 0.00	11.80 4.46 0.00 0.00 0.00 0.00
7	Bagasse percent Cane Filter cake percent cane		27.06 3.60	27.67 3.60
8	Stores used			
	Fire wood percent cane			
	a) Trial	% Cane	0.00	0.00
	b) season	% Cane	0.00	0.00
	Other fuel percent cane	(Rice husk & saw dust)		
	a) Trial	% Cane	0.00	0.00
	b) season	% Cane	0.065	0.076
	Bagasse	% Cane	25.24	26.25
	Lime Percent Cane	% Cane	0.078	0.088
	a) Process		0.000	0.003
	b) ETP		0.000	0.000
	Sulphur Percent Cane		0.000	0.000
	Phosphoric Acid	Kg.Per 100 Qtls.of Cane	0.834	0.845
	Sub. of Phosphoric Acid	Kg.Per 100 Qtls.of Cane	0.000	0.000
	Color PPt	Ltrs. Per 100 Qtls.of Cane	0.234	0.233
	Lubricants	Ltrs. Per 100 Qtls.of Cane	0.062	0.123
	Grease	Kg per 100 Qtls.of Cane	0.023	0.024
	Gunny bags for sugar	Nos. per 100 Qtls.of Cane	0.000	0.000
	Jute bags (50 Kg)	Nos. per 100 Qtls.of Cane	0.000	0.000
	HDPE/ PP Bags(50 kg)	Nos. per 100 Qtls.of Cane	0.000	0.000
	Seed Slurry	Kg per 100 Qtls.of Cane	22.470	23.721
	Bacteriocides Used in Mill House	Kg per 100 Qtls.of Cane	0.072	0.089
	Bacteriocides Used in Boiling House	Kg per 100 Qtls.of Cane	0.076	0.076
	Washing soda	Kg per 100 Qtls.of Cane	0.004	0.004
	Caustic soda	Kg per 100 Qtls.of Cane	0.046	0.046
	Viscosity reducer	Kg per 100 Qtls.of Cane	0.948	0.952
	Flocculants	Kg per 100 Qtls.of Cane	0.044	0.051
	Antifoam	Kg per 100 Qtls.of Cane	0.031	0.032
	Common salt/Refined salt.	Kg per 100 Qtls.of Cane	0.000	0.003
	Hydrochloric Acid	Kg per 100 Qtls.of Cane	2.438	2.697
10	Analysis		0.781	0.373
	Cane	Sugar percent	13.45	13.55
	Primary juice	Fibre percent	12.90	13.14
		Sugar percent	15.80	16.04
		Brix percent	18.84	19.03
		Purity	83.86	84.32
	Mixed juice	Sugar percent	10.76	10.84
		Brix percent	13.05	13.06
		Purity	82.49	82.99
	Last Express juice	Sugar percent	1.27	1.27
		Brix percent	1.72	1.72
		Purity	73.74	74.05
	Clarified juice	Sugar percent	11.92	11.83
		Brix percent	14.30	14.13
		Purity	83.40	83.70
	Filtered juice	Sugar percent	10.07	0.00
		Brix percent	12.44	0.00
		Purity	80.95	0.00
	Un treated Syrup	Sugar percent	55.67	54.82
		Brix percent	67.27	65.92
		Purity	82.77	83.16
	Treated Syrup	Sugar percent	53.87	53.50
		Brix percent	64.50	63.63
		Purity	83.52	84.07

Massecurite -A	Brix percent	91.34	91.41
Massecurite -A1	Purity	88.68	89.71
Massecurite -A1	Brix percent	93.41	93.41
Massecurite -B	Purity	79.86	0.00
Massecurite -C	Brix percent	93.63	93.71
Massecurite -C	Purity	74.87	74.82
Massecurite -C1	Brix percent	98.49	98.68
Massecurite -C1	Purity	48.22	49.10
Massecurite -R1	Brix percent	95.47	95.68
Massecurite -R1	Purity	63.10	63.23
Massecurite -R2	Brix percent	88.35	88.41
Massecurite -R2	Purity	98.66	98.68
Massecurite -R2	Brix percent	87.76	87.48
Massecurite -R2	Purity	95.85	96.06
Molasses			
A - Heavy	Brix percent	78.68	78.81
A1 - Heavy	Purity	76.43	75.48
A1 - Heavy	Brix percent	84.02	0.00
A - Light	Purity	62.87	0.00
A - Light	Brix percent	71.79	70.10
B - Heavy	Purity	88.27	89.87
B - Heavy	Brix percent	83.23	83.73
C1 - Heavy	Purity	51.87	52.93
C1 - Heavy	Brix percent	86.13	86.68
C - Light	Purity	41.44	42.20
C - Light	Brix percent	76.26	77.18
R1 - Heavy	Purity	70.17	70.69
R1 - Heavy	Brix percent	76.90	77.09
R1 - Light	Purity	94.58	94.80
R1 - Light	Brix percent	67.98	68.23
R1 - Light	Purity	96.36	96.40
Sugar			
White Sugar (Bagged)	Sugar percent	99.90	99.90
Final Molasses	Moisture percent	0.02	0.02
Final Molasses	Sugar percent	35.16	26.69
Final Molasses	Brix percent	84.86	86.64
Final Molasses	Purity	41.43	30.80
Bagasse	Sugar percent	1.53	1.54
Bagasse	Moisture percent	50.23	50.44
Bagasse	Fibre percent	47.69	47.48
Filter cake	Sugar percent	1.50	1.46
Clear Juice	pH	7.10	7.10
Clear Juice	Temperature (°C)	102.00	102.00
11 Mill Extraction, Boiling House Extraction & Overall Extraction			
Mill Extraction		96.92	96.85
Reduced Mill Extraction		97.03	97.02
Boiling House Extraction		85.33	89.71
Reduced Boiling House Extraction		87.80	91.14
Overall Extraction		82.86	87.06
Reduced Overall Extraction		85.19	88.43
12 Sugar Balance			
Sugar in Cane		13.45	13.55
Sugar in Mixed Juice		13.04	13.12
Sugar in Bagasse		0.41	0.43
Sugar in Filter Cake		0.05	0.05
Sugar in Final Molasses/SYRUP		1.75	1.19
Sugar in sugar		11.13	11.78
Sugar underdetermined		0.10	0.10
Total losses (in Bagasse, Filter cake, Molasses & Undetermined)		2.32	1.77

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

Name:

8.5.2022

A.G.M (O.C)

Phopkar singh

G.M (Cane)

Sanjeev kumar

G.M (Production)

1) Outstation cane is the cane weighed and purchased at a centre other than at the factory gate.

2) For carbonation factor's only.

3) In case of 3 massecuite system, brix and purities of C heavy and D light molasses are not to be given

4) Sugar means 'Direct Pot'.

5) Bagasse percent cane = 100+ added water percent cane - mixed juice (gross) percent cane

6) Gross season means the total number of days from the date of start to the date of close both days inclusive

7) Duration of season this is calculated by dividing the total hours actual crushing by 22

Return in this form must be prepared for the entire working season of the factory and must be submitted so as to reach not later than thirty days after the date on which working season closes to the following authorities:-

1. Central Excise Authorities concerned.
2. Directorate of Sugar & Vanaspathi.
3. National Sugar Institute, Kanpur.
- Directorate of Economics & Statistics.

Bajaj Hindusthan Sugar Limited, Kinauni

ADDITIONAL INFORMATION ALONG WITH FINAL MANUFACTURING REPORT

S.No.	PARTICULARS	This Season 2021-22	Last Season 2020-21
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1	Mill Extraction	96.92	96.85
2	Reduced Mill Extraction	97.03	97.02
	a) Deerr	97.02	97.00
	b) Mittal	96.79	96.75
3	Whole reduced Extraction (Mittal)	85.33	89.71
4	Boiling House Extraction	87.96	91.03
5	Reduced Boiling House Extraction	87.80	91.14
	a) Gundu Rao	87.86	87.06
6	Overall Extraction	85.13	88.07
	a) Gundu Rao	85.19	88.43
	b) Noel Deer	40.87	33.42
8	Vertical purity of final molasses	23.14	23.10
9	Undiluted juice lost in bagasse % fibre	76.32	77.10
10	Added water extracted in mixed juice % added water	378.10	374.95
11	Added water % fibre	72.34	71.82
12	DMF	96.158	96.639
13	Crush rate per 24 hours	1,01,406	98,761
	a) Including Stoppage	12,000	12,000
	b) Excluding stoppage	5.18	2.15
14	Total Time lost % available	63.25	57.44
15	Steam consumption % cane	97.52	97.61
16	E.R.Q.V.	81.69	81.58
	a) M.J./P.J.	23.53	23.60
	b) L.M.J./P.J.	1.56	0.00
17	Masseccuite % Cane	12.94	12.28
	a) A- Masseccuite	3.92	6.37
	b) A1- Masseccuite	3.81	5.24
	c) B- Masseccuite	22.36	22.48
	d) C- Masseccuite	2.07	2.09
	e) C1- Masseccuite	70.19	72.06
	f) R1- Masseccuite		
	g) R2- Masseccuite		
	Total Masseccuite %		
18	Gradewise sugar production (Qtls.)	QUANTITY	%ge
	ISS GRADE	27.43	25.48
	L-31	63.76	65.31
	M-31	8.60	8.91
	S-31	0.00	0.00
	SS-31	0.00	0.00
	L-30	0.00	0.00
	M-30	0.00	0.00
	S-30	0.00	0.00
	M-29	0.00	0.00
	S-29	0.00	0.00
	BISS	6.530	0.30
	TOTAL	21,82,830	100.00

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

Date: 18.5.2022

K.P. Singh
A.G.M (D.C.)

Popkar Singh
G.M (cane)

Sanjeev Kumar
G.M (production)

Haris Malik
Sr G.M (Engg)

K.P. Singh
Sr Vice President