

KICHHA SUGAR COMPANY LIMITED



KICHHA - 263148

DISTT. UDHAM SINGH NAGAR (UTTARAKHAND)

(UTTARAKHAND GOVERNMENT UNDERTAKING)

Regd. Office:

KICHHA, DISTT. UDHAM SINGH NAGAR

FINAL MANUFACTURING REPORT

R.T.8©

Season: 2023 - 24

KICHHA SUGAR COMPANY LIMITED

KICHHA (U.S.NAGAR)

Ref. No. Mfg./R.T.8(c)/Kichha/ 61

Dated: 12/04/2024

To,

Secretary,
Sugar Industries & Cane Development
Uttarakhand Govt.
Dehradun.

Sir,

Final Manufacturing Report of this factory for the season 2023-24 in form R.T.8(C) is enclosed for your kind information please.

Encl: As above.

Yours faithfully,

(Trilok Singh)
P.C.S

Executive Director

Copy for favour of Information is forwarded to:

1. Chief Director, Directorate of Sugar, Ministry of food & Civil Supplies, Krishi Bhawan, New Delhi.
2. Cane Commissioner, Uttarakhand, Kashipur (Udham Singh Nagar).
3. Excise Commissioner & Controller of Molasses, Dehradun.
4. Collector, Central Excise, Meerut.
5. Director, National Sugar Institute, Kalyanpur (Kanpur).
6. Managing Director, National federation of co-op. Sugar factories, Vaikunth (3rd floor) Nehru place, New Delhi-19.
7. District Magistrate, Udham Singh Nagar (Uttarakhand).
8. General Manager, Uttarakhand Sugars Badripur (near railway crossing), Jogi wala Dehradun (Uttarakhand)
9. Joint Cane Commissioner, Ganna Kisan Sansthan, Kashipur (Udham Singh Nagar).
10. Asstt. Cane Commissioner, Udham Singh Nagar.
11. Chemical Examiner, Central Excise Revenue control Lab. Hill side Road, New Delhi.
12. Asstt. Collector, Central Excise, Rampur.
13. Superintendent, Central Excise, Rudrapur.
14. Resident Inspector, Central Excise, Rudrapur.
15. Inspector, Uttarakhand Excise, camp. Kichha Chini Mill, Kichha.
16. Director, Economics & Statistics, Directorate of Economics & Statistics, Krishi Bhawan, New Delhi.
17. Secretary, Indian Sugar Mill Association, Sugar House, 39 Nehru place, New Delhi.
18. Secretary West UP Sugar Mill Association, 14, Thiyamya Road, Lucknow Cantt.
19. Internal Auditor, Kichha Sugar Company Limited, Kichha.
20. General Manager, Bazpur/Sitarganj/Gadrapur/Nadehi.
21. Executive Director, Doiwala Sugar Co. Ltd., Doiwala (Dehradun).
22. All Head of Deptt. /Sectional Heads.

Executive Director

FINAL MANUFACTURING REPORT FOR SEASON 2023-24

Rule (83)

Name & address of factory : KICHHA SUGAR CO. LTD., KICHHA (U.S. NAGAR)

Regd. No. of factory : I.V.P. Sugar/74

Clarification process used : Double Sulphitation

S. No.	PARTICULARS	THIS SEASON 2023 - 2024	LAST SEASON 2022 - 2023
1	2	3	4
1.	TIME ACCOUNT		
	Date of Start	08.12.2023 at 11:00 PM	22-11-2022 at 12:00 PM
	Date of Closure	18.03.2024 at 05:15 AM	31-03-2023 at 2:20 AM
	Gross Season (Days) (f)	101	130
	Duration of Season (Days) (f)	94	127
	Total Hours Actual Crushing	2064.15	2785.20
	Total Hours Lost	341.30	325.00
	i Cane Shortage	47.00	31.00
	ii Electrical+ Mech.	127.20	103.30
	iii Bad Weather	26.00	24.00
	iv Process	-	-
	v Miscellaneous	21.00	66.00
	vi General Cleaning	120.10	100-30
2.	CANE CRUSHED		
	i Own Estate Cane	-	-
	ii Gate Cane	1150704.99	1669221.34
	iii Out Station Cane (a)	-	-
	Rail	-	-
	Other than Rail Cane (Centre Cane)	1857955.52	2521688.30
	iv Total	3008660.51	4190909.64
3.	JUICE ADDED WATER		
	Average Gross Mixed Juice percent cane	102.10	97.95
	Correction % Mixed Juice	0.30	0.30
	Average Net Mixed Juice percent cane	101.80	97.65
	Total Net Mixed Juice obtained (Quintal)	3062753	4092615
	Average Added Water Percent Cane	32.02	29.55
4.	SUGARS		
	Total Sugar Bagged		
	i No. of Bags (In 50Kg. Bags)	651990	868774
	ii Quantity (Quintals)	*325995	**434387
	Sugars in Process, if any	140	436
	Total Sugar Made	326135	434823
	Sugar recovered from previous season's process	308	190
	Sugar from pre season's remelted sugar or other sources	168	161
	Total Net Sugar Made	325659	434472

*This includes Qtls. 3290 Brown Sugar above 90 pol. & 175 Qtls. Rori & powder Sugar of season 2023-24.

**This includes Qtls. 3970 Brown Sugar above 90 pol. & 177 Qtls. Rori & powder Sugar of season 2022-23.

(2)

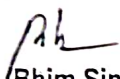
1	2	3	4
5.	MOLASSES		
	Total Molasses sent out (Quintals)	123900	185930
	Molasses in process, if any	177	370
	Total Molasses Produced	124077	186300
	Molasses Recovered from Previous season's process	349	560
	Molasses from Previous season's remelted Sugar or other sources	-	-
	Total Net Molasses Produced	123728	185740
6.	RECOVERY		
	Average Recovery of Sugar Percent cane	10.82	10.37
	Average Production of Final molasses percent cane	4.11	4.43
7.	BAGASSE PERCENT CANE(e)	29.91	31.61
8.	FILTER CAKE PERCENT CANE	3.00	2.90
9.	STORES USED	-	-
	Coal percent cane	-	-
	i Trial	-	-
	ii Season	-	-
	Firewood percent cane	-	-
	i Trial	-	-
	ii Season	-	-
	Other Fuel percent cane	-	-
	i Trial	-	-
	ii Season	-	-
	For Previous Off Season	-	-
	Coal	-	-
	Firewood	-	-
	Lime percent Cane (E.T.P + Process)	0.198	0.198
	Lime stone (b) percent cane	-	-
	Coke (b) percent cane	-	-
	Sulphur percent cane	0.052	0.052
	Lubricants (oil & Grease) Kg per 100 Quintals Cane	0.885	0.76
	Filter cloth Sq meters per 100 Quintals Cane	-	-
	Filter Bags number, per 100 Quintals Cane	-	-
	PP bags for Sugar, in terms of 100 Kg. no. per 100 Quintals cane	10.82	10.37
	Washing Soda, Kgs. Per 100 Quintals cane	0.049	0.037
	Caustic Soda, Kgs. Per 100 Quintals cane	0.80	0.65
	Superphosphate (for Juice clarification) per 100 Quintals Cane	-	-
	(Mention variety) Single, Double or Triple	-	-

1	2	3	4
	Hydros Kg. Per 100 Quintals Cane	-	-
	Ammonia base compound 50 % / Carbonate base compound 40% Kg. per 100 Quintals Cane	0.038	0.040
	Ammonium Bi Fluoride Kg. per 100 Quintals Cane	0.019	0.02
	Phosphoric Acid Kg. per 100 Quintals Cane	-	-
10.	Analysis (d)		
	Cane Sugar percent	12.87	12.44
	Fibre percent	13.83	14.57
	Primary juice Sugar percent	14.94	14.90
	Brix percent	18.58	18.46
	Purity	80.41	80.72
	Mixed juice Sugar percent	11.91	11.93
	Brix percent	15.03	15.04
	Purity	79.24	79.32
	Last Mill juice Sugar percent	2.50	2.36
	Brix percent	3.50	3.34
	Purity	71.43	70.66
	Clarified juice Sugar percent	11.83	11.90
	Brix percent	14.83	14.90
	Purity	79.77	79.87
	Filter press juice Sugar percent	-	-
	Brix percent	-	-
	Purity	-	-
	Unsulphured juice Sugar percent	44.93	45.94
	Brix percent	56.15	57.42
	Purity	80.02	80.01
	Sulphured juice Sugar percent	44.41	45.22
	Brix percent	55.36	56.55
	Purity	80.22	80.12
	Massecuite A Brix percent	94.29	94.25
	Purity	84.46	84.57
	Massecuite B Brix percent	97.13	97.28
	Purity	71.30	71.27
	Massecuite C Brix percent	101.76	101.33
	Purity	51.84	51.90
	Massecuite D Brix Percent	-	-
	Purity	-	-


1	(4)		3	4
	MOLASSES (c)			
	A – Heavy	Brix percent	84.05	86.03
		Purity	71.67	71.49
	A- Light	Brix percent	64.59	72.27
		Purity	86.02	93.09
	B- Heavy	Brix percent	88.50	90.88
		Purity	51.47	51.42
	C-Heavy	Brix Percent	-	-
		Purity	-	-
	C-Light	Brix percent	83.04	86.01
		Purity	66.55	65.10
	SUGAR (AVERAGE)			
	(i) White Sugar bagged	Sugar percent(d)	99.90	99.95
		Moisture percent	0.02	0.02
	(ii) Raw Sugar	Pol percent	-	-
		Moisture percent	-	-
		Reducing sugar percent	-	-
		Ash percent	-	-
	Final Molasses	Sugar percent	27.06	25.28
		Brix percent	93.71	87.23
		Purity	28.87	28.98
	Bagasse	Sugar percent	2.50	2.49
		Water percent	50.31	50.42
		Fibre percent	46.22	46.08
	Filter cake	Sugar percent	1.92	1.87
	Lime Kiln Gas	CO2 percent	-	-
	Boiler feed water		98°C	98°C
		pH	9.1	9.1
	Clear Juice	Temperature	108°C	106°C
11.	MILL EXTRACTION, BOILING HOUSE EXTRACTION AND OVERALL EXTRACTION			
	Mill Extraction		94.17	93.65
	Reduced Mill Extraction		94.81	94.68
	Boiling House Extraction		89.27	89.01
	Reduced Boiling House Extraction		92.77	92.56
	Overall Extraction		84.06	83.36
	Reduced Overall Extraction		87.95	87.64
	Clarification Efficiency		4.12	4.62
12.	A) Capacity Utilization Including Stoppage/24 Hrs		75.05	80.84
	B) Capacity Utilization Excluding Stoppage/24 Hrs		87.45	90.28

1	2	3	4
13.	SUGAR BALANCE		
	1. Sugar in Cane		
	2. Sugar in mixed juice	12.87	12.44
	3. Sugar in bagasse	12.12	11.65
	4. Sugar in filter cake	0.75	0.79
	5. Sugar in molasses	0.06	0.05
	6. Sugar in sugars	1.11	1.12
	7. Sugar in undermined	10.81	10.36
	8. Total losses (in bagasse, filter cake, molasses & undermined)	0.14	0.11
		2.06	2.07
14.	AREA AND YIELD OF CANE IN FACTORY FARM		
	Total Area of Farm (Hectare)	11.753	11.753
	Area under Cane (Hectare)	11.753	11.200
	Production of Cane (Quintals)	7050.95	15400
	Average yield per Hectare Quintals	600.00	1318 Qtls/Hect.
	Average		
	Variety		
	A. Plant	CO-15023	CO-15023, CO-0238, CO-0118
	B. Adsale	-	-
	C. Ratoon	CO-0238	CO- 0238

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


(Bhim Singh)
I/c Lab. Incharge


(Rishi Pal Singh)
I/c Cane Manager


(D.C. Pandey)
I/c Chief Engineer


(S.K. Mishra)
Chief Chemist


(Trilok Singh), PCS
Executive Director

Signature of the owner Person Authorized

Date: 12/04/2024

Notes:

1. Outstation cane is the cane weighed and purchased at a Centre other than are the factory Gate.
2. For Sulphitation factories only
3. In case of 3 Massecuites system the brix and purities of C heavy and D Light molasses are not to given.
4. Sugar means Direct Pol.
5. Bagasse % Cane = 100 plus added water % Cane.
6. Gross season means the total number of days from the date of start to the date 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 to authorities specified below so as to reach than not later thirty days after the date on which working season closes.

Copies to:

1. Central Excise authority concerned.
2. Directorate of Sugar and Vanaspati.
3. National Sugar Institute, Kanpur.
4. Directorate of Economics and Statistics.