

Gram: SUGCORP

STD CODE	05944
PHONE OFFICE	264395
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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: 2019-20

KICHHA SUGAR COMPANY LIMITED
KICHHA (U.S.NAGAR)

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

Dated:

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

Sir,

Final Manufacturing Report of this factory for the season 2019-20 in form R.T.8(C) is enclosed for your kind information please.

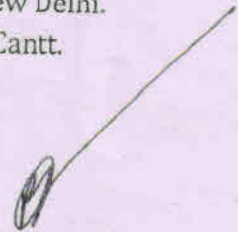
Encl: As above.

Yours faithfully,

(Ruchi Mohan Rayal)
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 2019-20

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 2019-2020	THIS SEASON 2018-2019
1	2	3	4
1.	TIME ACCOUNT		
	Date of Start	28.11.19 at 3:20 AM	06.12.18 at 2.30 PM
	Date of Closure	04.05.20 at 2:30 PM	28.04.19 at 11.30 PM
	Gross Season (Days) (f)	159	144
	Duration of Season (Days) (f)	137	132
	Total Hours Actual Crushing	3016-20	2904-00
	Total Hours Lost	762-50	537-00
	i Cane Shortage	111-50	97-30
	ii Cane Shortage due to Bad Weather	17-30	-
	iii Mechanical	501-55	299-45
	iv Process	-	-
	v Miscellaneous	36-15	2-30
	vi General Cleaning	95-20	137-15
2.	CANE CRUSHED		
	i Own Estate Cane		
	ii Gate Cane	1653183.63	1363756.91
	iii Out Station Cane (a)	-	-
	Rail	-	-
	Other than Rail Cane (Centre Cane)	2906467.45	2784946.03
	iv Total	4559651.08	4148702.94
3.	JUICE ADDED WATER		
	Average Gross Mixed Juice percent cane	102.02	105.20
	Correction % Mixed Juice	.20	0.20
	Average Net Mixed Juice percent cane	101.81	104.99
	Total Net Mixed Juice obtained (Quintal)	4642352.64	4355825.62
	Average Added Water Percent Cane	35.48	37.51
4.	SUGARS		
	Total Sugar Bagged		
	i No. of Bags	*478283	**443515
	ii Quantity (Quintals)	478283	443515
	Sugars in Process, if any	390	595
	Total Sugar Made	478673	444110
	Sugar recovered from previous season's process	104	211
	Sugar from pre season's remelted sugar or other sources	250	172
	Total Net Sugar Made	478319	443727

* This includes Qtls. 3283 Brown Sugar above 90 pol. & 120 Qtls. Rori & powder Sugar of season 2019-20.

** This includes 3585 Qtls. Brown Sugar above 90 pol. & 90 Qtls. Rori Sugar of season 2018-19.

1	2	3	4
5.	MOLASSES		
	Total Molasses sent out (Quintals)	208808	191722
	Molasses in process, if any	381	425
	Total Molasses Produced	209189	192147
	Molasses Recovered from Previous season's process	426	342
	Molasses from Previous season's remelted Sugar or other sources	3	4
	Total Net Molasses Produced	208760	191801
6.	RECOVERY		
	Average Recovery of Sugar Percent cane	10.49	10.70
	Average Production of Final molasses percent cane	4.58	4.62
7.	BAGASSE PERCENT CANE(e)	33.46	32.31
8.	FILTER CAKE PERCENT CANE	3.00	2.97
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)	0.187	0.184
	Lime stone (b) percent cane	-	-
	Coke (b) percent cane	-	-
	Sulphur percent cane	0.0505	0.0524
	Lubricants (oil & Grease) Kg per 100 Quintals Cane	0.0718	0.736
	Filter cloth Sq meters per 100 Quintals Cane		
	Filter Bags number, per 100 Quintals Cane		
	Gunny bags for Sugar , in terms of 100 Kg. no. per 100 Quintals cane	10.49	10.71
	Washing Soda, Kgs. Per 100 Quintals cane	0.0208	0.048
	Caustic Soda, Kgs. Per 100 Quintals cane	0.1085	0.67
	Superphosphate (for Juice clarification) per 100 Quintals Cane	-	-
	(Mention variety) Single, Double or Triple	-	-

1	2	3	4
	Hydros Kg. Per 100 Quintals Cane	0.0055	0.029
	Ammonia base compound 50 % / Carbonate base compound 40% Kg. per 100 Quintals Cane	0.0449	0.072
	Ammonium Bi Fluoride Kg. per 100 Quintals Cane	0.0177	0.039
	Phosphoric Acid Kg. per 100 Quintals Cane	-	-
10.	Analysis (d)		
	Cane		
	Sugar percent	12.63	12.74
	Fibre percent	15.57	15.03
	Primary juice		
	Sugar percent	15.52	15.41
	Brix percent	19.18	19.01
	Purity	80.92	81.06
	Mixed juice		
	Sugar percent	11.61	11.41
	Brix percent	14.60	14.33
	Purity	79.52	79.62
	Last Mill juice		
	Sugar percent	1.95	1.72
	Brix percent	2.75	2.45
	Purity	70.91	70.20
	Clarified juice		
	Sugar percent	11.93	11.42
	Brix percent	14.87	14.22
	Purity	80.23	80.31
	Filter press juice		
	Sugar percent	-	-
	Brix percent	-	-
	Purity	-	-
	Unsulphured juice		
	Sugar percent	44.68	43.90
	Brix percent	55.71	54.53
	Purity	80.20	80.51
	Sulphured juice		
	Sugar percent	44.69	43.85
	Brix percent	55.67	54.43
	Purity	80.28	80.56
	Massecuite A		
	Brix percent	94.12	94.14
	Purity	84.05	84.36
	Massecuite B		
	Brix percent	96.63	96.73
	Purity	70.54	70.46
	Massecuite C		
	Brix percent	101.17	101.29
	Purity	51.50	51.60
	Massecuite D		
	Brix Percent		-
	Purity		-

1	2	3	4
	MOLASSES (c)		
	A - Heavy	Brix percent	
		Purity	
		83.22	83.71
	A- Light	Brix percent	
		Purity	
		70.50	70.96
		71.14	70.90
	B- Heavy	Brix percent	
		Purity	
		91.57	92.40
		89.06	87.28
	C-Heavy	Brix Percent	
		Purity	
		49.78	48.41
		-	-
		-	-
	C-Light	Brix percent	
		Purity	
		86.28	83.52
		63.61	63.02
	SUGAR (AVERAGE)		
	(i) White Sugar bagged	Sugar percent(d)	
		Moisture percent	
		99.92	99.93
	(ii) Raw Sugar	Pol percent	
		Moisture percent	
		0.02	0.02
		-	-
		-	-
		Reducing sugar percent	
		Ash percent	
		-	-
		-	-
	Final Molasses	Sugar percent	
		Brix percent	
		26.16	24.84
		90.80	87.88
		Purity	
		28.81	28.27
	Bagasse	Sugar percent	
		Water percent	
		2.41	2.36
		50.11	50.18
		Fibre percent	
		46.53	46.50
	Filter cake	Sugar percent	
	Lime Kiln Gas	CO2 percent	
		1.62	1.61
	Boiler feed water		
		-	-
		94°C	94°C
		pH	
		8.8	9.0
	Clear Juice	Temperature	
		100°C	100°C
11.	MILL EXTRACTION , BOILING HOUSE EXTRACTION AND OVERALL EXTRACTION		
	Mill Extraction		
	Reduced Mill Extraction	93.59	94.03
	Boiling House Extraction	94.80	94.94
	Reduced Boiling House Extraction	88.66	89.23
	Overall Extraction	92.24	92.58
	Reduced Overall Extraction	82.98	83.90
	Clarification Efficiency	87.44	87.90
		4.72	4.95

1	2	3	4
12.	SUGAR BALANCE		
	1. Sugar in Cane	12.63	12.74
	2. Sugar in mixed juice	11.82	11.98
	3. Sugar in bagasse	0.81	0.76
	4. Sugar in filter cake	0.05	0.05
	5. Sugar in molasses	1.20	1.15
	6. Sugar in sugars	10.48	10.69
	7. Sugar in undermined	0.09	0.09
	8. Total losses (in bagasse , filter cake, molasses & undermined)	2.15	2.05
13.	AREA AND YIELD OF CANE IN FACTORY FARM		
	Total Area of Farm (Hectare)	12.00	12.00
	Area under Cane (Hectare)	12.00	11.20
	Production of Cane (Quintals)	7200	7840
	Average yield per Hectare Quintals	600.00	700.00
	Average		
	Variety A. Plant	CO8272,8436,3220, 168,118	CO0238,8272, 0239,CO118,
	B. Adsale		
	C. Ratoon	CO0238,8272,0239, CO118	Co 0238

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

 (Mukhtyar Ahmad) I/c Lab. Incharge
 (Vrindavan Yadav) Cane Manager
 (L.B. Singh) Retired on 30-04-20 I/c Chief Engineer
 (S.K. Mishra) Chief Chemist
 (Ruchi Mohan Rayal), PCS Executive Director

Signature of the owner Person Authorized

Date:

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.