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DOIWALA SUGAR CO. LTD.

DOIWALA

(A Undertaking of Uttarakhand Govt.)



Regd. Office.

Doiwala , Distt.- Dehradun (Uttarakhand)

FINAL MANUFACTURING

REPORT

R.T. 8 (C)

Season 2014-15

DOIWALA SUGAR COMPANY LIMITED, DOIWALA (DEHRADUN)

REF. NO.: DSCL/MFG./ 422

DATED: 23.05.2015

Secretary,
Sugar Industries & Cane Development
Uttarakhand Govt.
Dehradun

Dear Sir,

We are submitting herewith our Final Manufacturing Report R.T. 8 (C) for the season 2014-15 for your kind information and necessary record please.

Yours faithfully,



(MANMOHAN SINGH)
P.C.S
EXECUTIVE DIRECTOR

Encl: As above.

Copy of the above is forwarded to the following for information and necessary action.

- 1- Chief Secretary Uttarakhand Govt. Dehradun.
- 2- Principal Secretary, Cane Development & Sugar Industries, Uttarakhand Secretariat, Dehradun.
- 3- Chairman, U.P. State Sugar Corporation Ltd. Lucknow.
- 4- Managing Director, U.P. State Sugar Corporation Ltd. Lucknow.
- 5- Additional Secretary, Village & Sugar Industry, Uttarakhand Govt. Dehradun.
- 6- Cane Commissioner, Uttarakhand. Government, Udham Singh Nagar.
- 7- Additional Secretary, Sugar & Cane Development, Dehradun.
- 8- Joint Commissioner, Cane & Sugar, Kashipur, Udham Singh Nagar.
- 9- Chief Director (Sugar) Directorate of Sugar Krishi Bhawan, New Delhi.
- 10- Director National Sugar Institute, Kanpur.
- 11- Director, General Indian Sugar Mills Asso., Ansal Plaza, C-Block, II Floor, August Kranti Marg, New Delhi.
- 12- Secretary, U.P. Sugar Mills Association, Ansal Plaza, C-Block, II Floor, August Kranti Marg, New Delhi.
- 13- Sugar Cane Inspector & Assistant Sugar Commissioner (Uttarakhand) Haldwani/Bareilly.
- 14- Excise Commissioner & Controller of Molasses, Uttarakhand, Dehradun.
- 15- Superintendent Central Excise, Dehradun.
- 16- Assistant Commissioner Central Excise, Central Zone, Dehradun.
- 17- Inspector Central Excise, Dehradun.
- 18- District Excise Office, Dehradun.
- 19- Inspector State, Excise, Dehradun.
- 20- Member Secretary U.K. Pollution Control Board, Dehradun.
- 21- Regional Officer Pollution Control Board, Dehradun.
- 22- General Manager/Executive Director, Nadhai, Sitarganj, Gadarpur, Bazpur, Kichha.
- 23- Maha Prabandhak, Uttarakhand Sugar, S-8 Tyonar Villa, C-Block, Ganesh Bihar, Ajabpur Khurd, D.dun.
- 24- Joint Director, Environment & Forest Ministry, Kendriya Bhawan, 5th Floor, Sector 'H', Aliganj, Lucknow.
- 25- Director, MOEF, CGO Complex, Lodhi Raod, New Delhi.
- 26- General Manager, Laksar, Iqbalpur, Uttam, Kashipur Sugar Mill.
- 27- All Departmental Heads, Doiwala Sugar Company Ltd., Doiwala (Dehradun).



(MANMOHAN SINGH)
P.C.S
EXECUTIVE DIRECTOR

FORM – R.T. 8 (C)

Central Excise Series No. 76

(FOR CENTRAL SUGAR FACTORIES)

FINAL MANUFACTURING REPORT FOR THE SEASON 2014-15

RULE- 83

Name & Address of Factory

Doiwala Sugar Company Ltd., Doiwala (Dehradun) - 248140

Registered No. of Factory

Clarification Process used

Double Sulphitation

S.N.	Particulars	This Year 2014-15	Last Year 2013-14
1-	TIME ACCOUNT		
	Date of Start	03.12.2014 at 10 A.M.	01.12.2013 at 4 P.M
	Date of Finish	24.04.2015 at 2 A.M	13.04.2014 at 11 P.M
	Duration of Season (Days)	142	134
	Total Days actual crushing	140	125
	Total hours actual crushing	3075.30	2755.00
	Total hours lost	324.30	444.00
	i) Cane Shortage	35.35	145.00
	ii) Mechanical+Electrical	82.25	103.15
	iii) General Cleaning	143.45	64.00
	iv) Process	--	--
	v) Bad Weather	38.30	118.00
	vi) Misc.	24.15	13.45
2-	CANE CRUSHED		
	i) Own Estate Cane (Qtls)	NIL	NIL
	ii) Gate Cane	1263781.73	1147849.79
	iii) Out Station Cane	1792554.65	1728806.35
	iv) Rail Cane	NIL	NIL
	v) Total	3056336.38	2876656.14
3-	JUICE & ADDED WATER:		
	Total net mixed juice obtained (Qtls)	3216054	2862744
	Average gross mixed juice% cane	105.60	99.86
	Correction% mixed juice	0.35	0.34
	Avg. net mixed juice % cane	105.23	99.52
	Avg. added water percent cane	38.87	33.42
4-	SUGAR:		
	Quantity of Sugar (Qtls)	*274135	** 254610
	Sugar in process if any (Qtls)	(+) 330	(+) 390
	Total Sugar made (Qtls)	274465	255000
	Sugar recovered from previous season's process (Qtls)	(-) 201	(-) 311
	Sugar recovered from previous season's Brown Sugar (Qtls)	(-) 1835	(-) 1909
	Sugar recovered from previous season's BISS or Sugar from other sources (Qtls)	(-) 3288	(-) 4065
	Total net Sugar made (Qtls)	269141	248715

* This included 2680 Qtls of Brown Sugar of above 90° Pol

** This included 2620 Qtls of Brown Sugar of above 90° Pol

Contd....2..

S.N.	Particulars	This Year 2014-15	Last Year 2013-14
5-	MOLASSES:		
	Total Molasses sent out (Qtls)	136100	132000
	Molasses in process if any (Qtls)	(+) 147	(+) 236
	Total Molasses produced (Qtls)	136247	132236
	Mol. recovered from Previous season's process (Qtls)	(-) 420	(-) 597
	Molasses recovered from previous season's Brown Sugar or from Remelting (Qtls)	(-) 869	(-) 955
	Molasses recovered from Remelted sugar or other sources (BISS) (Qtls)	(-) 193	(-) 257
	Total net molasses produced (Qtls)	134765	130427
6-	RECOVERY:		
	Average recovery of sugar Percent cane	8.81	8.65
7-	AVERAGE PRODUCTION		
	Final molasses percent cane	4.41	4.53
	Bagasse percent cane	33.27	33.56
	Filter cake % cane	4.00	4.00
8-	STORE USED:		
	Coal percent cane	-	-
	i) Trial	-	-
	ii) Season	-	-
	Firewood % cane	-	-
	i) Trial	0.0069	0.0046
	ii) Season	-	-
	Other Fuel % cane	-	-
	i) Trial (Loose Bagasse)	0.23	0.23
	ii) Season	-	-
	For Previous of Season coal	-	-
	Firewood	-	-
	Other Fuel	-	-
	Lime % Cane	* 0.216	0.208
	Lime Stone (b) % Cane	-	-
	Coke % Cane	-	-
	Sulphur % Cane	0.06	0.0633
	Lubricant (Oil & Grease) % Cane	0.58	0.63
	Filter Cloth Sq.	-	-
	Filter Bags No. % Cane	-	-
	Gunny Bags for sugar No. per 100 Qtls, Cane	8.97	8.93
	Washing soda Kg. per 100 Qtls Cane	0.0489	0.038
	Caustic soda Kg. per 100 Qtls Cane	0.54	0.47
	Hcl	-	-
	Per 100 Qtls. Cane)- mention variety	-	-
	Single, double or triple Hyd. Kg.	-	-
	Per 100 Qtls. Cane	-	-
	E.C. Kg. -do-	-	-
	Blu Kg. -do-	-	-

* This includes Lime used in injection channel and E.T.P.

Contd...3....


S.N.	Particulars		This Year 2014-15	Last Year 2013-14
9-	ANALYSIS:			
	Cane	Sugar %	10.92	10.74
		Fiber %	15.43	15.46
	Primary Juice	Sugar %	13.48	13.31
		Brix %	17.34	17.15
		Purty	77.74	77.61
	Mixed	Sugar %	9.65	10.03
		Brix %	12.68	13.22
		Purty	76.10	75.87
	Last Mill Juice	Sugar %	1.57	1.56
		Brix %	2.30	2.31
		Purty	68.26	67.56
	Clarified Juice	Sugar %	9.81	9.94
		Brix %	12.77	12.98
		Purty	76.82	76.58
	Filter Press Juice	Sugar %	-	-
		Brix %	-	-
		Purty	-	-
	Unsulphured Syrup	Sugar %	36.23	37.42
		Brix %	47.10	48.99
		Purty	76.92	76.38
	Sulphured Syrup	Sugar %	-	-
		Brix %	-	-
		Purty	-	-
	MASSECUITE A	Brix %	94.62	94.46
		Purty	83.39	83.60
	MASSECUITE B	Brix %	96.28	96.57
		Purty	67.16	67.42
	MASSECUITE C	Brix %	102.07	100.37
		Purty	48.77	48.89
	MASSECUITE D	Brix %	-	-
		Purty	-	-
	MOLASSES		-	-
	A- HEAVY	Brix %	86.65	86.70
		Purty	66.22	66.21
	A- LIGHT	Brix %	73.35	74.33
		Purty	92.43	92.02
	B- HEAVY	Brix %	85.34	85.10
		Purty	42.42	43.48
	B- LIGHT	Brix %	-	-
		Purty	-	-
	C- LIGHT	Brix %	79.27	78.09
		Purty	57.89	56.68
	D- LIGHT	Brix %	-	-
		Purty	-	-



S.N.	Particulars	This Year 2014-15	Last Year 2013-14
	SUGAR (Average):		
	Sugar (Average Sugar %(d) white	99.83	99.80
	Moisture	0.02	0.02
	Final Molasses Sugar %	25.52	25.33
	Brix %	91.95	91.18
	Purity	27.75	27.78
	Bagasse Sugar %	2.30	2.28
	Water %	50.27	50.57
	Fibre %	46.36	46.06
	Filter Cake Sugar %	1.82	2.34
	Lime Kiln Gas CO ² %	-	-
	Boiler Feed Water pH	9.00	9.10
10-	MILL EXTRACTION, BOILING HOUSE EXTRACTION & OVERALL EXTRACTION		
	Mill Extraction	92.95	92.92
	Reduced Mill Extraction	94.48	95.08
	Boiling House Extraction	86.70	86.47
	Reduced Boiling House Extraction	92.53	92.49
	Overall Extraction	80.59	80.35
	Reduced Overall Extraction	87.42	87.94
11-	SUGAR BALANCE		
	Sugar in cane	10.92	10.74
	Sugar in mixed juice	10.15	9.98
	Sugar in Bagasse	0.77	0.76
	Sugar in filter cake	0.07	0.09
	Sugar in final molasses	1.13	1.15
	Sugar in Sugars	8.80	8.63
	Sugar in undetermined	0.15	0.11
	Total losses (in bagasse, filter cake, molasses and undetermined)	2.12	2.11
12-	AREA AND YIELD OF CANE IN FACTORY FARM		
	Total area of farm Hectare		NIL
	Area under Cane Hectare		NIL
	Average yield per hectare		
	Average Variety a) Plant		NIL
	b) Adsal		NIL
	c) Ratoon		NIL

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


(SANTRAJ SINGH)
LAB INCHARGE


(R.K. SHARMA)
CHIEF ENGINEER


(S.S. NEGI)
I/C CHIEF CHEMIST


(MANMOHAN SINGH)
P.C.S.
EXECUTIVE DIRECTOR

NOTE:

- a. Outstation cane means the cane weighed and purchased at centre other than at the factory gate.
- b. In case 3 massecuite system brix and purities of C Heavy and D Light molasses not to be given.
- c. for carbonation factories only.
- d. Sugar Means= direct Pol.
- e. Bagasse percent cane =100 plus added water percent cane-mixed juice (gross) percent cane.
- f. Gross season means the total number of days from the days of close both days inclusive.
- g. Duration of season. This is calculated by dividing the total hours of actual crushing by 22.

Returns in this form must be prepared for the entire working season of the factory and must be submitted so as to not later than 30 days after the date of which working season closes to the following authorities:

- 1- Central Excise Authorities Concerned.
- 2- Directorate of Sugar.
- 3- National Institute, Kanpur.