

Form R.T. 8 (C)
(For Central Factories)

Short Name: Koppa
Code No.: 55501
Range: Maddur
Circle: Mandya

**FINAL MANUFACTURING REPORT
FOR THE CRUSHING SEASON 2006-2007**
(Central Excise Rules 83)

Name & Address of the Factory : S.C.M. SUGARS LIMITED, KOPPA - 571425
MADDUR TALUK, MANDYA DISTRICT

Reg. No. of Factory: 08-26121

Clarification Process used: DOUBLE SULPHITATION

SL. NO.	PARTICULARS	THIS SEASON	LAST SEASON
1	TIME ACCOUNT		
	Date of Start	27.07.2006	27.07.2005
	Date of Finish	26.06.2007	04.05.2006
	Gross Season (Days)	335	282
	Duration of Season (Days) (G)	318.73	213.33
	Total hours actual crushing	7012.06	4693.10
	Total hours lost Hrs. Minutes	1013.35	2064.45
	a) Cane shortage " "	145.15	1607.45
	b) Mechanical " "	206.05	47.15
	c) Electrical " "	21.35	9.40
	d) Process " "	6.45	2.00
	e) Miscellaneous " "	111.55	44.45
	f) Cleaning " "	451.40	296.25
	g) Co-gen Plant " "	70.20	56.55
2	CANE CRUSHED		
	a) Own Estate (Quintals)	1647.09	1986.64
	b) Gate Cane "	12195043.07	6016394.27
	c) Total	12196690.16	6018380.91
3	JUICE & ADDED WATER		
	Average gross mixed juice % cane	100.12	103.30
	Correction % mixed juice	0.50	0.50
	Average net mixed juice % cane	99.62	102.78
	Total net mixed juice obtained Qtls.	12149910.85	6185695.60
	Average added water % cane	29.27	31.84
	Gross mixed juice (Qtls)	12210965.68	6216780.00
	Dirt correction "	61054.83	31084.40

SL. NO.	PARTICULARS	THIS SEASON	LAST SEASON
4	SUGAR (Qtls.)		
	A) Total Sugar Bagged	1198555	655690 + 2749**
	B) Quantity	1198555	655690.00
	Sugar in process if any (Qtls.)	1247.42 *	418.54
	Total Sugar made	1199802.42	658857.54
	Sugar recovered from previous Season's Scrapings (Qtls.)	401.77	11315.61
	Sugar from Previous season Brown Sugar (Qtls.)	2412.85	71582.88***
	Total net sugar made (Qtls.)	1196987.8	575959.05
5	MOLASSES (Qtls.)		
	Total molasses sent out Qtls.	551134.00	299714.60
	Molasses in process	159.17	191.00
	Total molasses produced (Qtls.)	551293.17	299905.60
	Molasses recovered from previous Season's Scrapings	208.72	6652.30
	Molasses from Previous season Brown Sugar (Qtls.)	335.35	10622.80
	Total net molasses produced (Qtls.)	550749.10	282630.50
6	RECOVERY		
	Average recovery of sugars % cane	9.81	9.57
	Average production of final molasses % cane	4.52	4.70
7	BAGASSE PERCENT IN CANE	29.15	28.54
	Filter cake % cane	3.11	3.18
8	STORE USED		
	Fire wood % Cane		
	Lime percent cane (process), Cooling Tower & ETP	0.244	0.26
	Sulphur % Cane	0.066	0.05
	LUBRICANTS		
	Grease Kg. / 100 Qtls. of Cane	0.007	0.01
	Oil Ltrs. " " "	0.53	0.47
	Gunny bags No. per 100 Qtls. of Cane	10.27	9.89
	Phosphoric Acid in Kgs. per 100 Qtls. Cane	0.711	1.12
	Scale inhibitor "	0.136	0.187
	DeScafant "	0.202	0.266
	Flocculent (Magmaflocc LT 27) "	0.02	0.014
	Mill Sanitation "	0.031	0.016
	Viscosity Reducer "	0.045	0.016
	Sodium Hexametaphosphate "	0.05	0.068
	Sodium Hydro Sulphate	0.05	0.044
	Hydrogen Peroxide	0.02	0.032

* Includes 900 Qtls of Brown Sugar of above 90 Pol.

** 2749 Qtls. Brown Sugar of above 90 Pol.

*** 78180 Qtls of Raw Sugar Reprocessed in 2005-06 season

SL. NO.	PARTICULARS	THIS SEASON	LAST SEASON
9	ANALYSIS		
	Cane		
	Sugar percent	11.72	11.46
	Fibre percent	13.60	13.34
	Primary Juice		
	Sugar percent	14.40	13.60
	Brix percent	17.73	16.99
	Purity percent	81.24	80.05
	Mixed Juice		
	Sugar percent	11.21	10.65
	Brix percent	14.10	13.52
	Purity	79.50	78.77
	Last Expressed Juice		
	Sugar percent	2.10	1.73
	Brix percent	3.00	2.58
	Purity	69.95	67.05
	Clarified Juice		
	Sugar percent	11.92	10.89
	Brix percent	14.97	13.92
	Purity	79.63	78.23
	Syrup		
	Sugar percent	43.41	40.67
	Brix percent	54.70	52.75
	Purity	79.36	80.81
	A. Masscuite		
	Brix percent	91.02	91.56
	Purity	84.41	84.70
	B. Masscuite		
	Brix percent	94.65	95.02
	Purity	82.22	71.99
	C. Masscuite		
	Brix percent	98.30	98.37
	Purity	55.65	56.58
	MOLASSES		
	A. Heavy		
	Brix percent	81.35	80.31
	Purity	69.84	70.77
	A. Light		
	Brix percent	75.35	73.48
	Purity	83.87	86.55
	B. Heavy		
	Brix percent	84.47	82.80
	Purity	50.21	49.62
	C. Light		
	Brix percent	81.35	80.14
	Purity	61.80	66.23
	SUGAR (Average)		
	White sugar bagged		
	Sugar percent	99.80	99.30
	Moist. percent	0.04	0.04
	Final Molasses		
	Sugar percent	27.69	27.35
	Brix percent	90.59	90.16
	Purity	30.57	30.33
	Bagasse		
	Sugar percent	1.92	1.80
	Water percent	50.59	50.59
	Fibre percent	46.67	46.73
	Filter Cake		
	Sugar percent	2.03	2.03
	Boiler Feed Water		
	pH	9.70	9.80
	Temperature	102	102
	Clear juice		
	Temperature	96.50	95.00

SL. NO.	PARTICULARS	THIS SEASON	LAST SEASON
	MILL EXTRACTION BOILING HOUSE EXTRACTION AND OVER ALL EXTRACTION		
	Mill Extraction	95.23	95.55
	Reduced Mill Extraction (Noel deer)	95.68	95.87
	Whole Reduce Extraction (Mittle)	96.59	96.17
	Boiling House Extraction	87.75	87.21
	Reducing Boiling House Extraction (Noel deer)	91.61	91.64
	" (Gundu Rao)	90.72	91.37
	Over All Extraction	83.56	83.33
	Reduced overall Extraction (Noel deer)	87.33	87.85
	" (Gundu Rao)	86.80	87.60
	SUGAR BALANCE: Cane = 100		
	a) Sugar in Cane	11.72	11.46
	b) Sugar in Mixed Juice	11.16	10.95
	c) Sugar in Bagasse	0.56	0.51
	d) Sugar in Filter Cake	0.06	0.06
	e) Sugar in Final Molasses	1.25	1.29
	f) Sugar in Sugars	9.79	9.55
	g) Sugar undetermined	0.06	0.05
	h) Total losses	1.93	1.91

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


(CH.L. Narasimha Rao)
Lab Incharge


(I. Bheemeswara Rao)
Manager (Process)


(S. BASAVIAH)
CHIEF EXECUTIVE

Date:
Place: KOPPA.

**ADDITIONAL INFORMATION ALONG WITH FINAL MANUFACTURING REPORT
FOR THE CRUSHING SEASON 2006-07**

SL. NO.	PARTICULARS	THIS SEASON	LAST SEASON
1	Mill Extraction	95.23	95.55
2	Reduced Mill Extraction (Deerr)	95.68	95.87
3	Whole Reduced Extraction (Mittal)	96.59	96.17
4	Boiling House Recovery	87.75	87.21
5	a) Reduced Boiling House Recovery (Deerr)	91.61	91.64
	b) Reduced Boiling House Recovery (Gundu Rao)	90.72	91.37
6	Overall Extraction	83.56	83.33
7	a) Reduced overall Extraction (Deerr)	87.33	87.85
	b) Reduced overall Extraction (Gundu Rao)	86.80	87.60
8	Virtual Purity of Final Molasses	32.21	32.17
9	Added Water % Fibre	215.22	238.51
10	Added Water Extracted in Mixed Juice % Added Water	69.72	65.92
11	Rate of Crushing M.T. for 24 Hours		
	a) Including Stoppage	3647	2137
	b) Excluding Stoppage	4175	3078
	c) Sanctioned Capacity	3500	3500
12	E.R.Q.V		
	a) M.J. / P.J	96.70	97.51
	b) L.M.J. / P.J	78.56	74.75
13	Masseccuite % Cane	48.03	45.23
	a) A-Masseccuite % Cane	26.09	23.93
	b) B-Masseccuite % Cane	11.92	11.50
	c) C-Masseccuite % Cane	10.02	9.80
14	Total Hours Lost % to Available Hours due to :		
	a) Cane Shortage	1.81	23.79
	b) Mechanical	2.57	0.70
	c) Electrical	0.27	0.14
	d) Process	0.08	0.03
	e) Miscellaneous	1.39	0.66
	f) General Cleaning	5.63	4.39
	g) Co-gen	0.88	0.64
	h) Total Hours Lost % Available Hours	12.63	30.55
15	Grade wise Sugar Production	No. of Bags %	No. of Bags %
	M-30 (Qtls.)	114515 9.55	56104 8.56
	S-30 (Qtls.)	1078665 90.00	599586 91.44
	SS- 31 (Qtls)	5375 0.45	-
	Total	1198555 100.00	655690 100.00


Lab. Incharge


Manager (Process)