

TABLE : 9
DISTILLERY PLANT OPERATIONAL DETAILS - SEASON 2024-25

Sr	DETAILS		Gandevi	Madhi	Chalthan	Sayan	Mahuva	Ganesh	Kamrej	Pandvai	Narmada
1	Rectified Spirit Prod.	Liters		7447000	9248918	3372944	7146071	2468000	5068942	9079138	7980008
2	Absolute Alcohol Prod.	Liters		5445000	3933601	2242270	5635455	2372000	4002290	8099689	7539755
3	RS for Absolute (Captive)	Liters		5750061	4173213	2365540	5934237	2470000	4230379	8566969	800844
4	Molasses distilled	MT		26520	33506	11868	24619	9770	18100	31000	31454
5	Recovery	Ltrs./ MT.		280.81	276.04	284.20	290.2	252.61	280.05	292.88	253.70
6	Fermentation Efficiency	%		92.77	91.00	93.75	91.8	89.31	89.23	91.23	90.3
7	Distillation Efficiency	%		98.74	98.80	99.8	110	98.51	98.38	99.5	98.0
8	Overall Efficiency	%		91.61	95	93.54	100.00	87.97	87.78	90.77	88.5
9	TRS	l/%		53.5	49.0	50.02	49.44	45.00	50.0	50.5	47.0
10	FS	%		47.4	45.0	43.08	44.58	40.5	47.0	47.5	43.5
11	UFS	%		6.1	4.0	6.22	4.86	4.5	3.0	3.0	3.5
12	Total F.Wash Distilled	M ³		631101.695	101743	36034	59364.95	25453.37	49600	74579.1	74334
13	Total Working	Hours		2833	3129.06	2270	3528	1880.5	2832		148
14	Total Working	Days		129.00	130.40	94	147.00	81.00	118	147.00	3552.00
15	Spent Wash Generation	Liters		59742958	48099401	22789	44569060	20362700	39815000	59100430	14364014
16	Spent Wash Use in Compost Evaopration Plant	Liters		28830000	48099404	22789	10957000	13643009	39015000	59100430	4309204
17	Steam Consumption	MT		19387	19145	10848	15003	5209	9595	18409	30671
18	Power Consumption	KWH		1000097	1470576	377790	1103885	277542	899250	1399100	3700073
19	Chemical consumption										
20	Anti-foam	Kgs.		2580	17200	18500	14850	2700	12500	5900	20565
21	Sulphuric Acid	Kgs.		2506	50	12000	11766	0	4000		15034
22	Enzyme	Kgs.		521	440	250	0.00007	425	340	500	1175.6
23	Sodium metabisulphite	Kgs.		3800	0			800	0		0
24	Antiscalent	Kgs.		0	100	3100		0	0	600	0
25	Caustic Flakes	Kgs.		3400	1100	200		0	800	600	1400
26	Nitric Acid	Kgs.		0	500		0.0009	0	0	600	0

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27	Formalin	Kg.		40	80		0.0000	0	100	800	0
28	Nitrogen	Kgs.		14045	3700		0.00009	0	0	586	0
29	Common Salt	Kgs.		1100	12000	4000	0.0016	0	400	10000	18600
30	Others Chemicals, if any	Kgs.		120	2048		0.00005	900			0
31	Cons. For per litrs. Of RS										
a	Spent Wash	Ltr./Ltr.		8.47458	5.2	6.75		8.25	7.85	6.51	
b	Steam Consumption	Kg./Ltr.		2.60333	2.07	3.21		1.53	1.9	2.03	3.84
c	Power Consumption	Kwh./Ltr.		0.13430	0.159	0.089		0.40	1.80	0.15	0.46
d	Anti-foam	Kg./Ltr.		0.00035	0.0018	0.0054		0.054	0.02	0.0006	0.0026
e	Sulphuric Acid	Kg./Ltr.		0.00034	0.000005	0.0035	0.0004	0	0.01		0.0019
f	Enzyme	Kg.		0.00007	0.047	0.074		0.34	0.01	0.000068	0.15
g	Sodium metabisulphate	Kg./Ltr.		0.00051	0			0.016	0		0.00
h	Antiscalent	Kg./Ltr.		0	0.00001	0.00091		0	0	0.000096	
i	Caustic Flakes	Kg./Ltr.		0.00046	0.000011	0.000059		0	0.01	0.000096	0.00018
j	Nitric Acid	Kg./Ltr.		0.0000	0.000054			0	0	0.000096	0.00
k	Formalin	Kg./Ltr.		0.00001	0.000008			0.00	0	0.00009	0.00
l	Nitrogen	Kg./Ltr.		0	0.0004			0	0	0.000095	0.00
m	Common Salt	Kg./Ltr.		0.00015	0.0012	0.0018		0	0	0.00072	0.0023
n	RS for Absolute (Captive)	Kg./Ltr.		1.05603	1.060	1.0549	1.053	0.96	0.95	1.058	1.06