DISTILLERY PLANT OPERATIONAL DETAILS - SEASON 2025-26

Sr	DETAILS		Gandevi	Madhi	Chalthan	Sayan	Mahuva	Ganesh	Kamrej	Pandvai	Narmada
1	Rectified Spirit Prod.	Liters	7936708	4803000	4885285	2372154	5811165	2585000	3301279	5230000	8407004
2	Absolute Alcohol Prod.	Liters	6599983	4080000	2295137	1761575	4213339	2221000	2145221	3703896	7863935
3	RS for Absolute (Captive)	Liters	6960823	4327615	2433837	1854945	4476735	2309000	2281594	3916297	8407004
4	Molasses distilled	MT	29176	17197	17880	8320	19785	9346	12000	18008	33585
5	Recovery	Ltrs./MT	272.03	279.29	273.23	285.11	293.7	276.59	275.11	290.43	250.25
6	Fermentation Efficiency	%	92.00	92.87	90.44	93.98	92.17	89.21	88.95	90.83	90.46
7	Distillation Efficiency	%	99.10	97.12	98.65	99.7	101.79	98.51	98.38	99.7	98.70
8	Overall Efficiency	%	91.17	90.19	94.55	93.69	93.81	87.88	87.52	90.56	89.28
9	TRS	/%	48.00	50.4	49.00	49.9	51.41	50.5	51.00	47.62	48.10
10	FS	%	44.00	46.7	44.80	44.6	47.5	46.00	48.00	43.10	43.50
11	UFS	%	4.00	3.7	4.20	5.3	3.91	4.5	3.00	4.54	4.60
12	Total F.Wash Distilled	M^3	75333	475545	51124	21062	46054.37	23040	30328	43319.45	70243
13	Total Working	Hours	3154	2160	1830	1444	2712	1464	1824		3336
14	Total Working	Days	131.42	90	76.24	60	113	61.00	75.00	114.00	139.00
15	Spent Wash Generation	Liters	34643000	40975000	25647730	15610	31477950	18432416	24470000	31701850	58953000
16	Spent Wash Use in Compost	Liters	34643000	25125000	25647730	15610	12876500	13152310	24000000	31701850	8759000
	Evaopration Plant						23974944				
17	Steam Consumption	MT	14539	10043	10259	7448	10896	4794	5946	9009	29141
18	Power Consumption	KWH	1575649	667771	771873	247980	775511	58320	578593	868600	3453020
19	**Chemical consumption**										
20	Anti-foam	Kgs.	27210	2920	9100	10000	7600	3000	8000	3725	21400
21	Sulphuric Acid	Kgs.	1750	2573	1100	9000	18522	0	1100		10800
22	Enzyme	Kgs.	374	304	279	200	405	500	275	300	441
	Nutramoll	Kgs.					2200				6410
23	Sulphamic	Kgs.									
24	Sodium metabisulphite	Kgs.	0	1700	0	0		0	0		
25	Antiscalent	Kgs.	125	0	0	2200		0	0	400	
26	Caustic Flakes	Kgs.	5000	1650	500	100	4550	300	600	400	600

DISTILLERY PLANT OPERATIONAL DETAILS - SEASON 2025-26

Sr	DETAILS		Gandevi	Madhi	Chalthan	Sayan	Mahuva	Ganesh	Kamrej	Pandvai	Narmada
27	Nitric Acid	Kgs.	0	120	520	0	1388	0	0	400	0
28	Formalin	Kg.	500	60	35	0		0	140	400	0
29	Nitrogen	Kgs.	8100	10680	460	0	595	0	0	308	0
30	Common Salt	Kgs.	48760	1100	9600	2300	9500	0	400	10000	8800
31	Others Chemicals, if any	Kgs.	900	190	1434		230	700	0	0	
	Dry Yeast	Kgs.					2847				1939.5
32	Cons. For per litrs. Of RS				0.00029				1		
a	Spent Wash	Ltr./Ltr.	4.36	9.90099	5.2	6.58	5.41	7.13	7.41	6.06	7.01
	Spent to Evaporation Plant	Ltr./Ltr.					4.12				
b	Steam Consumption	Kg./Ltr.	1.83	2.09098	2.099	1.8	1.87	1.46	1.8	1.72	3.45
c	Power Consumption	Kwh./Ltr.	0.20	0.13903	0.158	0.06	0.133	0.35	1.70	0.17	0.404
d	Anti-foam	Kg./Ltr.	0.0034	0.00061	0.0018	0.0042	0.0013	0.069	0.002	0.0007	0.0025
e	Sulphuric Acid	Kg./Ltr.	0.00022	0.00054	0.00022	0.004	0.0032	0	0.001		0.0012
f	Enzyme	Kg.	0.47	0.00006	0.057	0.00008	0.000069	0.32	0.001	0.000068	0.052
g	Sodium metabisulphate	Kg./Ltr.	0.00	0.00035	0	0.000		0.000	0		0.075
h	Antiscalent	Kg./Ltr.	0.000015	0	0	0.00092		0	0.001	0.000096	
i	Caustic Flakes	Kg./Ltr.	0.00062	0.00034	0.0001	0.000042	0.00078	0	0.001	0.000096	0.00007
j	Nitric Acid	Kg./Ltr.	0	0.00000	0.0001	0	0.0002	0.0046	0	0.000096	0.00
k	Formalin	Kg./Ltr.	0.000063	0.00001	0.000007	0		0.00	0.001	0.00009	0.00
l	Nitrogen	Kg./Ltr.	0.0010	0.00222	0.00009	0	0.0001	0	0	0.000095	0.00
m	Common Salt	Kg./Ltr.	0.0061	0.00023	0.0019	0.00096	0.0016	0	0.001	0.00072	0.001
	Other Chemical (Molesafe)	Ltr/Ltr					0.000039				
	Sulphamic Acid	Kg./Ltr.					0.00037				
	Dry Yeast						0.00048				
n	RS for Absolute (Captive)	Kg./Ltr.	1.055	1.06069	1.060	1.053	1.062	0.961	0.94	1.057	1.069