WATER YEARLY SAVINGS WHEN SELECTING ONE COC HIGHER RUN

CR=M3/HR 1000 M3/ HR.	COC	Evaporation rate M3/ hour	Blow down per day M3/hr	Make up rate M3/hr.	DELTA T in deg.C	Make Up per day on 24 hrs.Run	Make up per month in 30 days monthly	M3 saving at one COC higher monthly	Yearly savings in 340 days yearly	Actual CR in M3/hr 1234 fill above	Developed Multiplying factor 1.234
1000	1	9.25	0	0	5					Yearly saving	
1000	2	9.25	9.25	18.51	5	444	13329				
1000	3	9.25	4.62	13.87	5	333	9990	3339	44468	54873.51	
1000	4	9.25	3.08	12.33	5	296	8880	1110	13320	16436.88	
1000	5	9.25	2.89	11.56	5	277.4	8320	560	6720	8292.48	
1000	6	9.25	1.85	11.1	5	266.4	7992	328	3936	4857.024	
1000	7	9.25	1.54	10.79	5	259	7770	222	2664	3287.376	
1000	8	9.25	1.36	10.59	5	254	7620	150	1800	2221.2	

										Actual CR in M3/hr 2345 fill above	Developed Multiplying factor 2.345
1000	1	14.81	0	0	8						
1000	2	14.81	14.81	29.62	8	710	21326				
1000	3	14.81	7.33	21.9	8	525.5	15768	5558	66696	156402	
1000	4	14.81	4.93	19.75	8	474	14220	1548	18576	43560.72	
1000	5	14.81	3.7	18.51	8	444.2	13327	892	10704	25100.88	
1000	6	14.81	2.96	17.77	8	428.8	12868	463	5556	13028.82	
1000	7	14.81	2.47	17.28	8	414.7	12441	423	5076	11903.22	
1000	8	14.81	2.12	16.92	8	406.1	12183	258	3046	7142.87	

WATER YEARLY SAVINGS WHEN SELECTING ONE COC HIGHER RUN

FORMULAE

							Actual CR	MF
E=CR*DeltaC /560	BD=M3/CO	M=E*COC/ COC-1	24 hours	30 days		340 days.		

CONNENTSOF THE TABLE

[1] WATER CONSUMPTIONS AT 5 AND 8 COC RUNS HAVE BEEN CALCULATED FINALLY BASIS

[2] THEY ARE CALCULATED ON 1000 M3 PER HOUR CIRCULATION RATE IN RUNNING CTS SYSTEMS.

[3] BY OPTING ONE COC HIGHER RUN THE REDUCTION ON PER YEAR BASIS IS WORKED OUT TAKING BLOW DOWNS AND EVAPORATION LOSSEAS CONSUMPTION CRITERIAS.

[4] SO, ACTUAL CIRCULATION RATE IS E FILLEDIN K-7 FOR 5 DEG.DELTA T AND ACTUAL CIRCULATION RATE IS TO BE FILLED IN K-22 TO K-27 FOR 8 DEG DELTA T TO GET THE RESPECTIVE RESULTS IN K-16 AND K-22 TO K-27

[5] **WATER YEARLY SAVINGS WHEN SELECTIN(ONE COC HIGHER RUN**

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