

COMPARISON BETWEEN CONVENTIONAL EVAPORATION SYSTEM AND MIST EVAPORATION SYSTEM FOR ZERO DISCHARGE

EFFLUENT EVAPORATION RATE 5000 LPD

Sr.No.	Description	Conventional Evaporation System	Mist Evaporation System
1	Steam Consumption (for Triple Effect Evaporator)	2000 kg/ day	Nil
2	Power Consumed		
	a) Circulation Pump	Same	Same
	b)MCS Pump	Nil	7.5 KW /day
3	Recurring Expenses	Rs.2000 per day	Rs. 45 per day
		Rs. 8 to 9 Lacs / Annum	Rs.16,000 per Annum
4	Total Saving	Nil	Rs.8 to 9 Lacs / Annum
9	Initial Investment (Complete System)	Same	Same
5	Environment Friendly	No	Yes
7	Maintenance	More	Negligible
8	Equipment Life	5-7 years	More than 15 Years
6	Area Required	Less	More