

CONTINUOUS IMPROVEMENT PLAN 2016 PROJECTS

Sr.No	Suggestion	Action taken	Status	Saving/improvement
1	Zero water discharge	Now as a management policy we are targeting our manufacturing unit to achieve zero water discharge by 2017.	Implemented	
2	Installation of ETP plant	Treated water recycled for consumption to different processes. Ground water utilization is reduced to 80% .	Implemented	20 units per day
3	Only LED lights to use	Now as a management policy we purchase only LED light.	Implemented	300 unit per day
4	Latest technology Variable Airconditioned system	Variable Airconditioned system is used for energy conservation	Implemented	300 unit per day
5	Installation of 5 ton Steam Boiler	Previously we have 2 ton and 1 ton steam boiler.Both boilers are of old technology and running on very low efficiency.Now we are installing single 5 ton boiler with latest technology and highest available efficiency of 84%.	under implementation	Energy saving & process improvement
6	Insallation steam condensation system	All steam which was consumed condensate into water.We are collecting condensate water to a underground tank and again pump to Day Tank.	under implementation	Energy saving & process improvement
7	Boiler day tank water feeding system	As we collecting condensate water, we save water, running cost of Boiler & increase in Boiler efficiency	under implementation	Energy saving & process improvement
8	Day tank furnace Glass plant	We made vareity of glass items with minimum energy consumption	Implemented	process improvement/New product development
9	Use of enviromental friendly gas for airconditioning	All airconditioning unit installed and commissioned used only R410A coolant gas (about 400 kgs) which is considered a green and enviromental friendly gas.	Implemented	reduced carbon emmission and protect our Ozone layer
10	Wood dust collection system	Old dust collection system replaced with new technology dust collection system with improve efficiency & less energy consumption.	Implemented	320 units per day
11	Spark detection & extinguishing system	GRECON make spark detection & extinguishing system has installed in wood dust collection to improve fire safty hazards & reduction in break down/productivity due to this cause.	Implemented	process improvement

12	Installation of Briquetts machine 90mm	previously we used 60mm machine, now we using 90 mm briquett machine. Which is 30% more efficient than previous one.	Implemented	100 units per day
13	Reduction in westage of compressed air	we continuously moniter leakage/westage of compressed air & take corrective action.	Implemented	Energy saving & process improvement