Shiva

Shiva Pharmachem Limited

Sustainability - Continual Improvement Targets - April 2023- March 2026

Unit:	Luna						Target	
Sr.No.	Area	Goal / KPI	How will it be measured		Sub Goals	UOM	From	To
1	Materials	5% Increase Recycled Input materials	Comparision of current Baseline total (March 2023) versus overall percentatge of recycled input materials	Leading	% of Recycled SO2 used for Producing Thionyl Chloride per month	%	26%	31%
2	Energy	2% Reduction in Energy Intensity	Comparision of current Baseline total (March 2023) versus overall Energy Intensity	Leading	Replacing electrical fixtures by energy efficient fixtures like LED bulbs	Nos	70	100
					Motivating Employees to switch off electric fixtures when not required	% of employees	NA	100%
3	Water	5% Reduction in Water Consumption	Comparision of current Baseline total (March 2023) versus overall water consumption	Leading	Efficient recycling of water utilized at site through RO, MVR ect	% of water recycled	NA	5%
4	GHG Emission	2% Reduction	Comparision of Current Baseline (March 2023) total versus the Newly measured Overall GHG Emission (March 2026)	Leading	Qty of Recycled SO2 used for Producing Thionyl Chloride per month	Ton	0	550
					Decrease Water Consumption by replacing 10 steam ejectors with vacuum boosters year on year	KL	0	30 KL

#	Category	Target	Method	Type	Initiative	Unit	Baseline	Target
5	Scope 1 GHG Emission	2% Reduction	Comparision of Current Baseline (March 2023) total versus the Newly measured Scope 1 GHG Emission (March 2026)	**Leading**	Number of diesel operated fork truck to battery operated fork truck	Nos	0	4
6	Sope 2 GHG Emissi	1% Reduction	Comparision of Current Baseline (March 2023) total versus the Newly measured Scope 2 GHG Emission (March 2026)	**Leading**	% employees trained & motivated towards energy conservations via turning off lights when not require	%	0	100%
					Number of electric fixtures replaced like incandescent lightbulbs with LED bulbs and other as a energy efficiency measure	Nos	0	200
7	Scope 3 GHG Emission	2% Reduction	Comparision of Current Baseline (March 2023) total versus the Newly measured Scope 3 GHG Emission (March 2026)	**Leading**	Number of suppliers motivated and started towards reducing their own GHG emission	Nos	0	2
					2. Number of employee transportation vehicles converted from diesel to CNG operated	Nos	0	2
8	OHS	To achieve TRFR < 0.4 & SI < 10	Calculating TRFR and SI	**Lagging**	Thorough safety trainings and awareness among employees	% of employees covered	NA	100%
					Doing Mock drills on regualr interval	Quaterly	4	4
					Not allowing any non-routine work without proper permit or risk assessment.	NA	NA	100%
					Encouraging employees to report nearmiss	No	250	500
9	Trainings	Average Training Per person < 2 Mandays	Average training Mandays Calculations	**Leading**	Planning trainings as it will cover all employees more than 02 days at the start of financial year. & Stict follow of prepared plan.	No of trainings planned	80	120
						% training held versus planed	66.66667	90%