Wockhardt Limited, ESG Goals for Financial Year 2023 – 24

Sr. No.	Description	Parameters with Units	Base Line Data		Average Base Line Data of 2 Years	Goals	Action Plan
			FY 2021-2022	FY 2022-23			
Environmental Goals							
1	Reduction in Air Pollution Emissions	NOx (mg/Nm3)	20	29	24.5	1.22 (5%)	▪ Use of Natural gas /Briquette/Low sulphur High stock fuel in Boilers as clean fuel. ▪ Maintaining high efficiency of scrubber to reduce Air Pollution Emissions. ▪ Monitoring and analysis of air pollution and assessment to track efficiency and Air Pollution emission reduction. ▪ Process scrubber to be maintained and analyse for Air Pollution reduction. ▪ Scheduled Preventive maintenance of Boilers, ensuring effiency of Air Pollution control equipment like cyclone/bag filter.
		SOx (Kgs/D)	25	17	21	1.05 (5%)	
		PM (mg/Nm3)	54	53	53.5	2.67 (5%)	
2	Reduction in Carbon Green House Gas (GHG) Emissions	Scope 1 Gases (Metric tonnes of CO2 equivalent)	33,627	19,202	26415	1321 (5%)	▪ Change in fuel from Furnace Oil to Low Sulphur Heavy Stock (LSHS) or Green fuel in existing Boiler ▪ Vehicles (outsourced and company owned): i) Monitoring of the present fuel consumption ii) Preventive Maintenance of the vehicles. iii) Fuel filling from Non-adulterated outlets like company owned retail outlets. iv) Proper planning for utilisation of the vehicles. ▪ Avoiding use of greenhouse gases for refrigeration and cooling system.

		Scope 2 Gases (Metric tonnes of CO2 equivalent)	143,853	112,712	128282	6414 (5%)	▪ Energy consumption through online monitoring and control of losses
3	Water conservation	Volume of water consumption (in kilolitres)	770822	541486	656154	65615 (10%)	▪ Effluent stream segregation at source. ▪ Installing high and low level interlocking system with effluent transfer pump in low COD stream to avoid mixing of fresh water in effluent and decrease waste water generation ▪ Water balance including input & output (Production, raw material, water usages and waste generation). ▪ Ultra Filtration permeate water reuse in ETP/RO chemical dosing preparations, cooling tower and rinsing/cleaning purpose in RO plant. ▪ Identify water usage points, arrest leaks if any & Installation of water meter to each and every user point. ▪ Ensure usage of water spray gun for cleaning of equipment's. ▪ Avoiding rain water mixing in effluent chambers. ▪ 100% maintaining effluent discharge parameter to CETP norms by PH & TSS interlocking system.
		Water intensity per rupee of turnover (Water consumed / turnover)	56	50	53	5.3 (10%)	
4	Reduction in Hazardous Waste	Metric Tonnes	854.453	245.306	550	28 (5%)	▪ Identification of sources of Hazardous waste generation, its monitoring and control. ▪ Inventory management to avoid expiration of raw materials. ▪ Explore possibility for Co-processing of Hazardous waste. ▪ Maintain dewatering system like Mono belt & ATFD evaporator for HZW reduction. ▪ Optimization of chemical dosing in HCOD/LCOD treatments for hazardous waste reduction.
5	Reduction in Non-	Metric Tonnes	184.036	183.783	184	18	▪ Improvement in document management system for paperless

	Hazardous Solid waste					(10 %)	work. ▪ Use of reusable Pallets instead of wooden pallet. ▪ 100 % Recycling through Govt Approved Vendor
6	Increase in Rain Water Harvesting	KL				100%	▪ Existing Rain water harvesting to be maintained
7	Increase in Waste Water Recycling	KL			All Sites	100%	▪ Spent acids and spent solvents shall be sent to PCB rule 9 approved co-processor/recycler. ▪ 100% of STP treated waste water shall be used for gardening. ▪ Ultra filtration Permeate water shall be reuse in ETP/RO chemical dosing preparations, cooling tower and rinsing/cleaning purpose in RO plant.
8	Increase in Solid Waste Recycling	MT			All Sites	100%	▪ Segregation of solid waste (I.e. Hazardous & Non Hazardous waste) at source. ▪ Solid waste (Non-Hazardous waste) shall be sent to PCB authorized recycler. ▪ Process residue & spent carbon sent to PCB authorized recycler. ▪ Shredded papers are send to authorized recycler. ▪ Decontaminated drums and liners are sending to authorized recycler.
9	E- Waste and Battery waste Recycling	MT			All Sites	100%	▪ 100 % E waste and Battery waste to be sent to Government authorized recycler.
10	Plantation of Trees	Percentage			All Sites	5% (Increase green coverage every year)	▪ Each site shall identify the open space for green coverage. ▪ Each site shall undertake to plant the trees in month of monsoon and provide watering arrangement during summer. ▪ Goals for 90% survival rate
11	Recycling of Organic waste	Kgs			All Sites	100%	▪ Recycling of organic waste by sending to Biogas Plant. ▪ Composting and using as manure

Energy Goals							
1	Renewable Energy (Solar Captive energy generation)	MW	0	0	At three Sites	12 MW	▪ By installing Solar Power Captive energy generation unit /Open access at three sites in Phases.
2	Energy Efficiency- Reduction in Energy Consumption	GJ	487067	394070	440569	22028 (5%)	▪ Installation of VFD to AHUs/machines wherever possible. ▪ Installation of low power consuming machines wherever possible. ▪ Online Energy Monitoring system implementation and Control
		Energy Intensity per rupee of turnover	3.55	3.6	3.57	0.17 (5%)	
Social Goals							
1	Occupational Health, Safety & Environment Programs	Man-Hours				Four Man-hours per person per Year	▪Identifying the OHSE training needs ▪Preparing the Planner ▪Imparting the OHSE training as per the Planner ▪Increase Employee participation in EHS programs/activities in (National Safety week, Road Safety Week ,Fire Safety Week & World Environment Day celebration, Awareness sessions related to Environment Health & Safety).
2	Community Social Responsibility Programs					On-going	▪Employee relations, Diversity, Equity, Inclusion, POSH training and Working Conditions (Health & Safety). ▪Conduct at least five awareness sessions related to Environment, Health & Safety in schools, colleges, other Industries.