

TOSHIBA		TOSHIBA JSW POWER SYSTEMS PVT. LTD.							Doc.No.: OTS22HSE0000
		HSE OBJECTIVES & TARGETS FY 2022 - 2023 - TJPS CHENNAI							Rev.No.: 01
									Rev.Date: 01-Apr-2022
S. NO.	Section	Type	HSE Objective	Unit Of Measurement	Dept/ Group	Actual FY 2021-22 (Average)	Target/ Improvement/ Reduction plan	Target FY2022 - 23 (Average)	Action Plan
1	Safety	Risk Assesment	Risk Assesment or Job Safety Analysis (JSA) cover all Non Rountine Activities to evaluate the Risk in TJPS	Number of JSA	HSE	100%	-	100%	1. 100 % evaluation of risks through Job Safety Analysis(JSA) for all non routine activities. 2.Training of approved JSA to the concerned employees/contractors before engaging the activity
2	Safety	Commutation	Achieve Zero commuting incident	Number of Incidents	HSE	0	-	0	1. Restrict own vehicle commuting 2. Authorise commuting based on completion of Defensive driving 3. Monitoring commuters on daily basis & Commuting Violater action taken by HR 4. Mandatory trainning on defensive driving for all commuters
3	Safety	Incidents	Achieve Zero incidents by proactive approaches including environment incidents	Number of Incidents	HSE	1	-	0	1. Capture all unsafe action and conditions through safety patrol 2. Takeup appropriate RCA based corrective action for incidents and accidents 3. Implementation of Horizontal deployment of corrective action 4. Implement of HIRA (Hazard Identification & Risk Assessment) for all routine activities.
4	Safety	Patrol	Conducting Safety Patrol for Proactive monitoring to identify the deviations	Number of Patrol	HSE	-	-	24	1. Annual Patrol plan shall be scheduled for all locations 2. Based on the plan, patrol to be perform 3. All the Patrol observation need to be comply 100%
5	Safety	Training	Occupational Health, Safety & Environment Training	Man hours/ Month	HSE	100 Employees & Contractors	-	130 Employees & Contractors	1. Prepare training calendar based on skill map and Mock drill plan for FY2022-2023 2. Organise training on monthly basis with internal and External Faculty 3. Mandatory training Programs shall be completed with 100% 4. As per skill map - specific group training requirement shall be covered 5. Monitor the effectiveness of training by HR 6. Training on Non communicable disease such as Diabetics, Hypertension, Obesity Etc
6	Environment	Water	2% Reduction of Water consumption overall TJPS	KL/Month	FIUG	13789	2% Reduction	13512	1. Create awareness. 2. Install sensor taps in Canteen, Mainplant and Baldeshop to optimise the flow of water 3. Install low flow high pressure taps. 4. Minimize the sewage treatment plant operational issues
7	Environment	Energy	20% Utilisation of Renewable energy from 3rd Party Generation.	kWh/ Annum (FY 2022-23 From Oct' 22 to Mar23)	FIUG	-	20% from (FY2019-20 and FY2021-22 - Average Data)	550083 (Forecast Data)	1. Obtain quotation from Solar / Wind Electricity Generator. 2. Execute Agreement. 3. Obtain approval from Tamil Nadu Electricity Board (TNEB). 4. Receive renewable energy from Sept 2022 onwards.
8	Environment	Energy	10% Reduction GB01, GB02 Machine Energy consumption	kWh/ Month	MMG	4305	10% Reduction	3875	1. Interface with door limit switch to cut off the lights when machine not in use. 2. Monitoring the power consumption 3. Incase increase or decrease the targeted values corrective action to be taken.
9	Environment	Waste	10% Reduction of Fresh oil consumption in Machines	Litres/ Month	MMG	19452	10% Reduction	17507	1. Preparation of Centrifuge and heater arrangement. 2. Install PLC and interface with the control instruments such as Heaters, Pumps and controlling the running hours 3. Treatment of waste oil which is removed from the machine 4. Recycle of the oils, testing and reuse in the machine.
10	Environment	Waste	10% Reduction of Grit usage from current level	Kilograms/ Square Meter	MFG- Fabrication	1.25	10% Reduction	1.125	1.Grit cleaning frequency can be increased to reduce the consumption 2.Improving light inside the blasting booth to avoid repeated blasting due to non visibility 3.Hidden area blasting can be done at the stage of pre fabrication
11	Environment	Waste	10% Reutilisation of Cut Plates for Internal requirements	Tons/ Year	MFG- Gas Cutting	10.8%	0.2% Increase	11.0%	1. Reutilisation of Cut plates waste to Internal requirements application such as In-house jig and fixture requirements 2. End users raised internal request for reuse of cut plates 3. Track and record the Volume of Cut plates reutilisation monthwise
12	Environment	Waste	8% Food wastage reduction per employee	Kilograms/ Person	HR & Admin	0.762	8% Reduction	0.700	1. Daily Food wastage tracker board will be update in canteen 2. Ensuring Proper Quantity and Quality Food from Kitchen 3. Avoiding food items not preferred by employees 4. Study will be done for the Reason of the Food Waste 5. Enhancing the Feedback from Employees
13	Environment	Waste	2% Reduction of Paper Print Count in TJPS-C	Print/ Year	MIS & HSE	33719	2% Reduction	33045	1. Enabled only 25 colour print out for all users (Except Expats and Key users) per month. 2. Enabled delete option in the printer when user given a wrong print out. 3. Voluntary control limit shall be derived for high paper printer consumed groups. 4. Monthly monitoring of Print count in all printers
14	Health	Exposure Monitoring	Personal Exposure Monitoring in Hazardous Operations Locations	Number of Locations	HSE	6	50% Increase	12	1. All the Hazardous location both Main Plant &bladeshop need to conduct Personal exposure monitoring through external agencies 2. Based on the test result Factory Medical officer review the report 3. Incase any deviation found in the report take immediate action for rectification 4. Keep improved work environment as document evidence