

LIST OF CHALLENGES

TECHNICAL

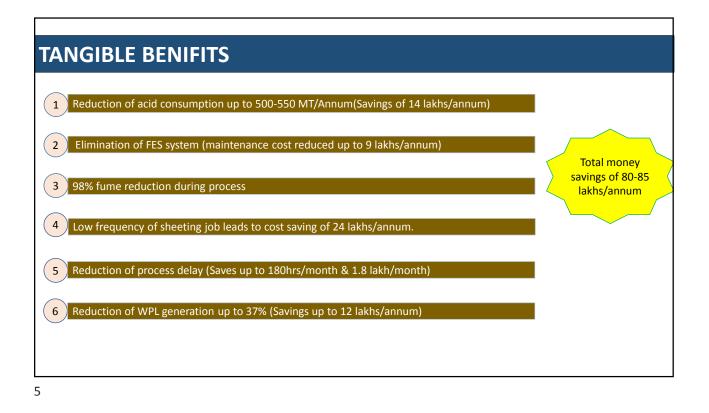
- Unavailability of the space
- Relocation of individual process from quench bath to drying oven.
- Removal of FES systém.
- Increase in rinse water consumption.

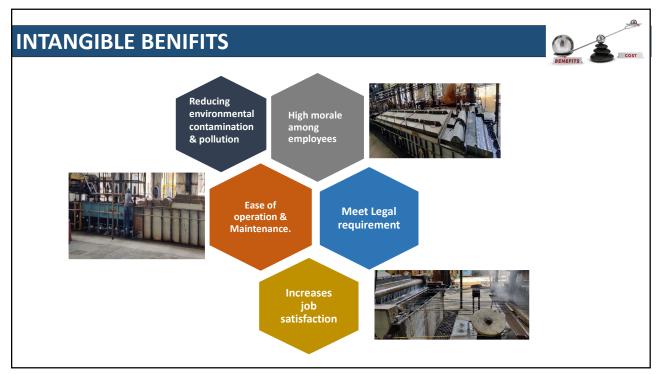
ADMINISTRATIVE

- Skill developement of work force.
- Understanding the process from both operational and maintenance point of view.

MAINTENANCE

- Frequent failure of vertical acid circulation pump.
- Prevention of deformation of PP(polypropylene).
- Maintenance frequency increased due to increase in motor unit.

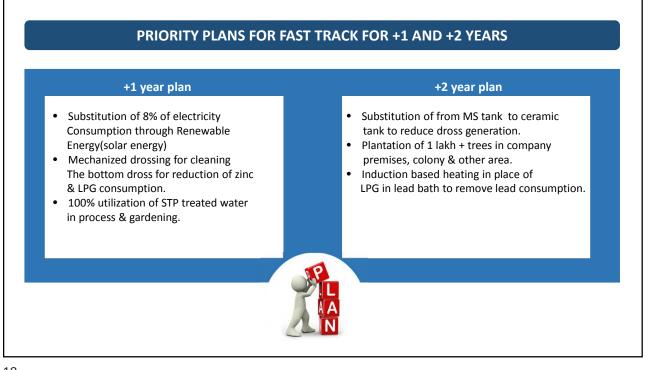




REPLICATION POTENTIAL OF PROJECT WITHIN SECTOR Replication potential : Any wire making industries used galvanizing process can replicate this technology Implementation in other companies : Shivas reinplast company • ٠ TATA STEEL global wire(Tarapur) 4 **Steps Initiated** Successful Project startup of project. execution Detailing of the project (design approval) Technical discussion on feasibility of Concerned raised & project. discussed No generation of with TATA STEEL n ounding steel structure life increase Spreading benefits After Before Work zone condition



ACHIEVING	NATIONAL B	ENCHMARK/STANDARDS		BENCHMARKING
Our company is certified with Green Co (Sliver rated) in year 2020.			SGS Test Report	
Energy efficient company certified by CII at National level in metal sector in year 2020.			SAMPLE DRAWN BY SGS NDIA PVT. LTD. Report No : KE21-0004/C07 Sample Described by Customer as : Concentration : KER000169443 Client Name: THE ROAD VIELLARD WIRE PRODUCTS LIMITED Client Address : Statistical Addre	Print Date : 25/02/2021 JOE No : KE21-000407
ISO 9001, ISO 14001 and ISO 45001 certified.			State : Jhan/hand Country : NI0/JA Registered : 17/02/2021 Received : 17/02/2021 SwepPing Date : 10/02/2021 Sampling Date : 10/02/2021	
Achieved TPM second level award from JIPM in 2020.			Sampling Method : SO-IN-MUL-TE-176 Atmospheric : Fugitive emission Pollution Test Start/End Date : 17/02/2021 - 23/02/2021	1
Industry leader in TBEM.			Analysis Method Read Trydrogen Chloride (HC) Fume NODE/Mariou 7903 0.80	t Unit mayim3 Per pro SGS India Private Ltd
HCL FUMES EXPOSER LIMIT (mg/m3)				SATYA CHARAN MANNA Authorized Signatory
International	National	ISWPL(after installing fumeless pickling)	Page 1 of 1	
(1.49-7) mg/m3	7 mg/m3	0.50 mg/m3	 In second a lead to the Corpus year is developed and corpus all thread correct and and the corpus and the second and the second	
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MAJOR LEARNING FROM THE PROJECT IMPLEMENTATION



- Cascading process.
- · How WR is working and preventing fumes from atmospheric release.
- Sludge can be used further for recycling process.
- Prevent releasing of acidic fumes to work environment.
- Efficiency of fumes absorption process has been increased due to closed loop water sealing system.
- Noise level is also reduced by substituting FES system with fumeless pickling from (90-95)db

to (70-75)db.

