



COMPANY PROFILE

MANPOWER / STAFF OUTSOURCING

Manpower is the most crucial asset of any organization. For a company to function properly it should have responsible manpower who can manage its operations. We help you with our staffing solutions which are made as per your requirement. We make sure that we give you with the best so that you can meet the different challenges presented by business environment.

- ✓ Degree Engineers
- ✓ Diploma Engineers
- ✓ ITI Technicians
- ✓ Managerial Staff
- ✓ Production Staff
- ✓ Maintenance Staff
- ✓ Housing keeping Staff
- ✓ Operator Level Staff
- ✓ Other Operational Staff

Our Services

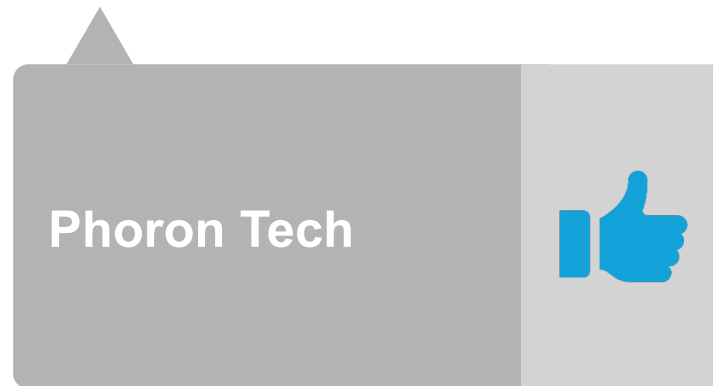
- Preventive to Predictive Maintenance
- Conditioned Based and Proactive Maintenance
- Inventory Management and Control (ABC, JIT etc)
- Operation Management (Kaizens, 5S, etc)
- Water & Waste water operation and maintenance (WTP, ETP, STP, MEE).
- Management Information System (Daily, Weekly, Monthly, Quarterly, Yearly)
- Power Management
- Water Management
- Fuel (petrol, diesel, propane, etc) management
- Compressed Air Management

Local contractor v/s Phoron Tech



PHORON TECH

- **Specific recruitment** according to the skills, education and experience
- Generate **Management information system**
- Create a **preventive maintenance schedule**
- **Analysis of equipment breakdown**
- **Cost analysis** is done
- **Spare part management** done



LOCAL CONTRACTOR



- Manpower supplied is not up to the required skill set.
- Does not generate any report for management
- No preventive maintenance schedule.
- No analysis of equipment
- No cost analysis
- No spare management

Machinery Failure Detection

1

What

What is the maintenance strategy to avoid unplanned downtime?



2

Who

Who is performing the Maint. task and is he skilled ?



3

Why

Why did the breakdown or equipment failure occur ?



4

When

When can the preventive Maint. Done? During production also ?



5

How

How to do do the preventive Maint. So that further downtime is avoided?



6

Where

Where is the corrective measure to be taken ?



Types of maintenance

Risk-based maintenance

Maintenance carried out by integrating analysis, measurement and periodic test activities to standard preventive maintenance.



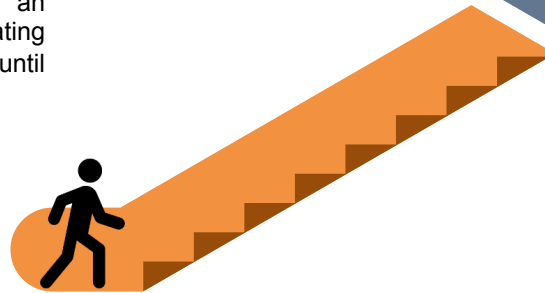
Condition-based maintenance

Maintenance based on the equipment performance monitoring and the control of the corrective actions taken as a result. This strategy, in the long term, allows reducing drastically the costs associated with maintenance, thereby minimizing the occurrence of serious faults and optimizing the available economic resources management.



Corrective maintenance

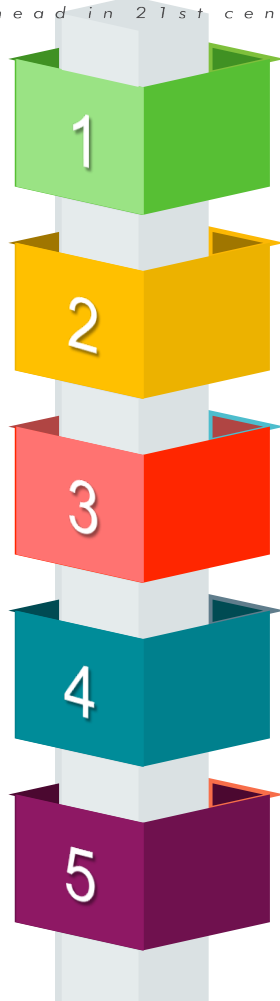
Maintenance is carried out following detection of an anomaly and aimed at restoring normal operating conditions. This strategy may be cost-effective until catastrophic faults occur.



Preventive maintenance

Maintenance carried out at predetermined intervals or according to prescribed criteria, aimed at reducing the failure risk or performance degradation of the equipment. The incidence of operating faults is reduced.





Operation and maintenance services

Plant operations and maintenance

Realizing and identifying long-term stable operations. Optimization on facilities maintenance based on OEM recommendations and equipment running time

Root cause analysis

Identifying the root cause of each equipment failure and eliminating the causes for repetition of the same in future.

HSE & RCA management

Development of risk management and safety culture

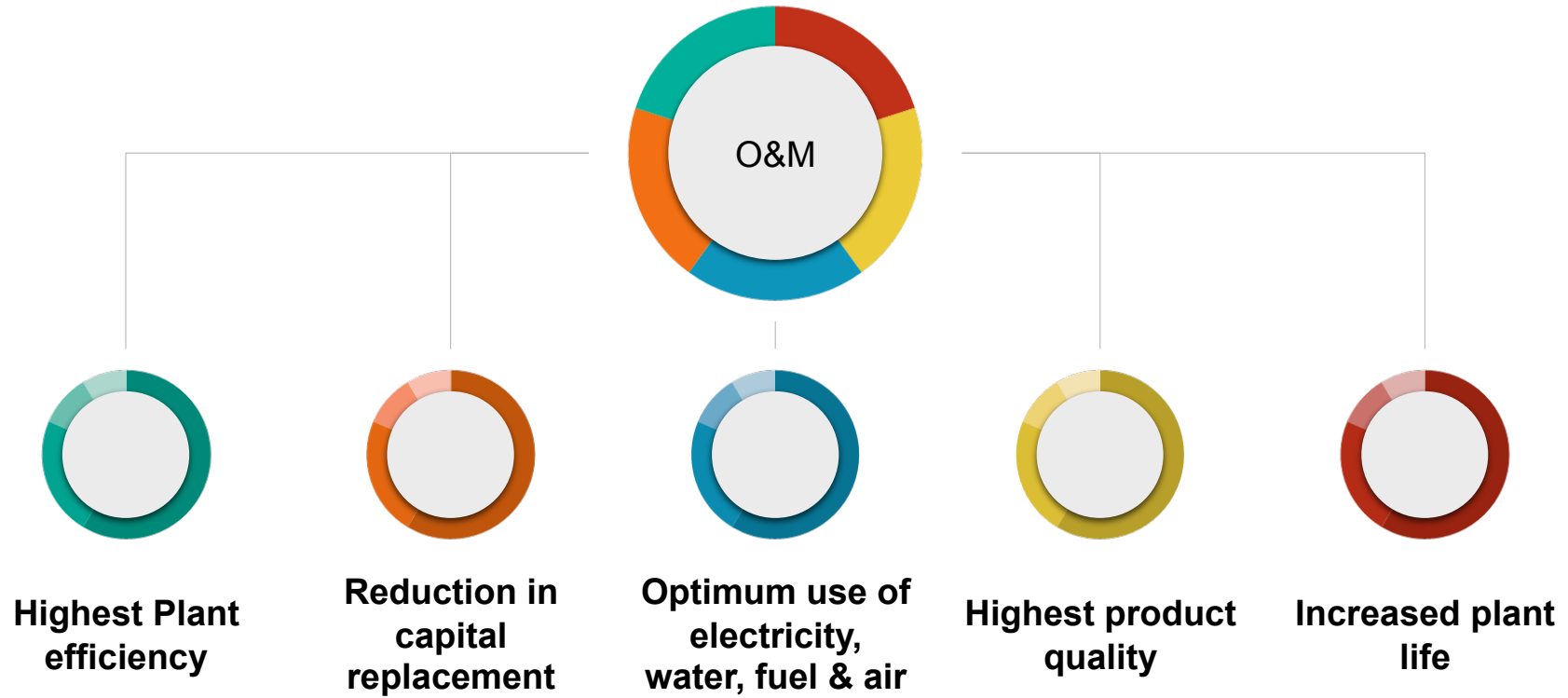
Recruitment and training

Human resource recruitment according to specific skill set and training of the same for increased product quality and quantity.

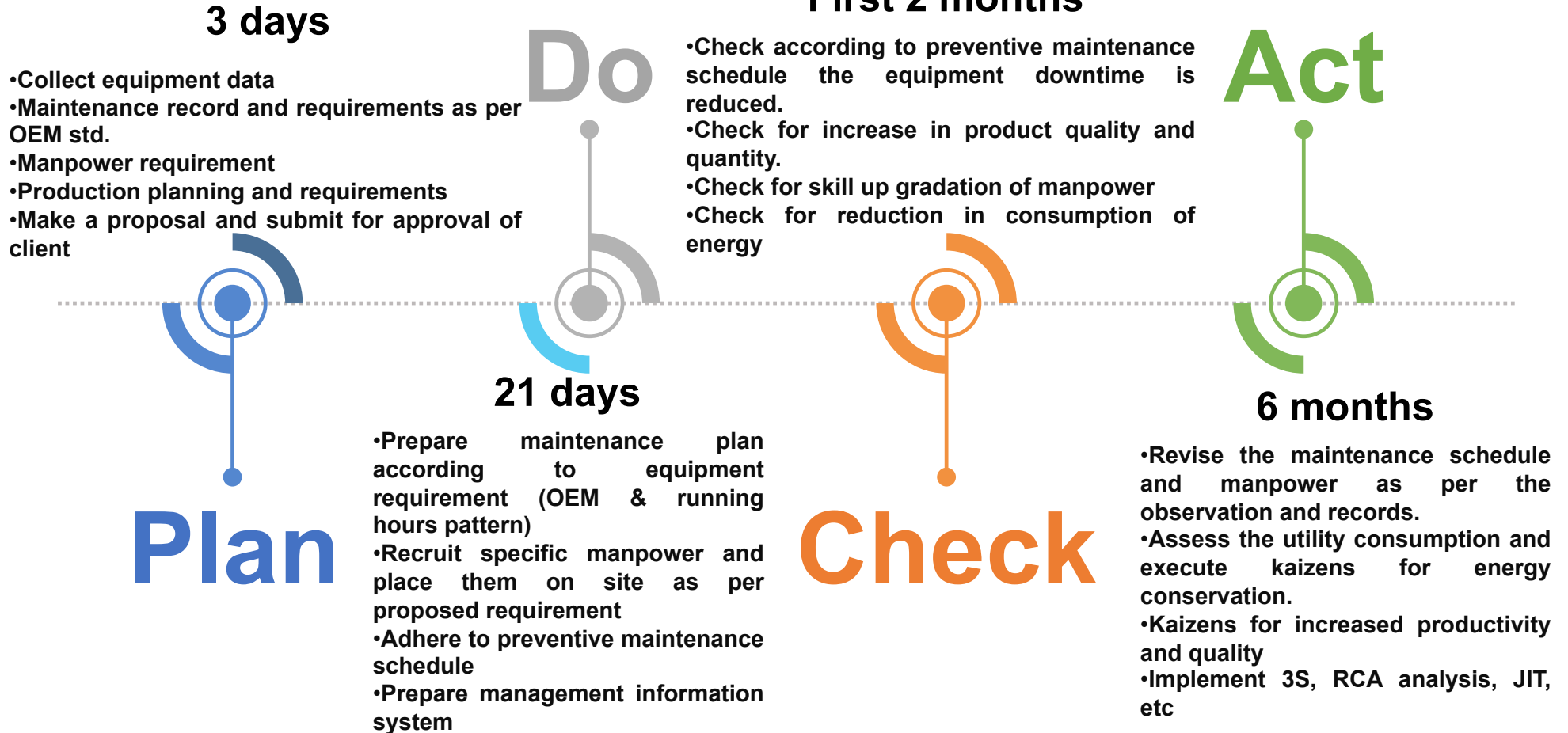
Procurement and Logistics

Development of spare part management program and JIT system.

We achieve through O&M



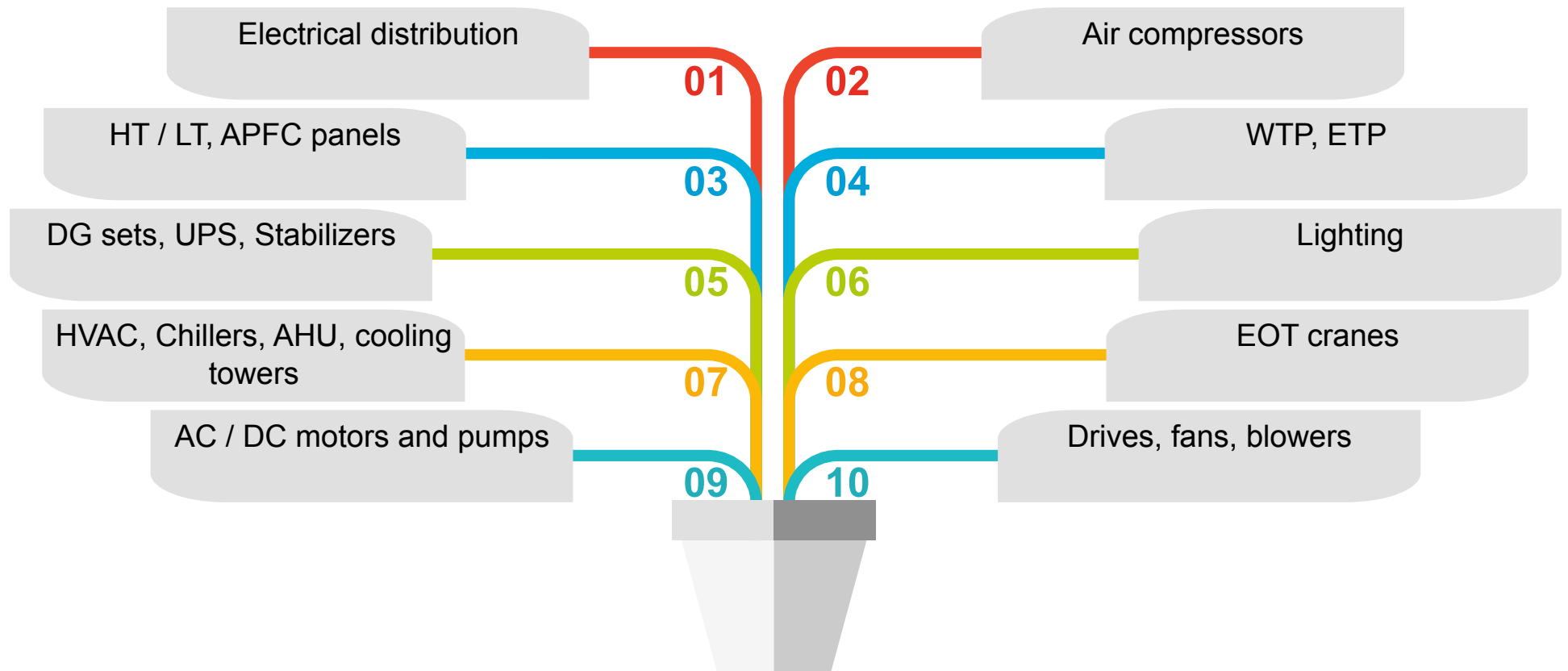
Timeline of our services



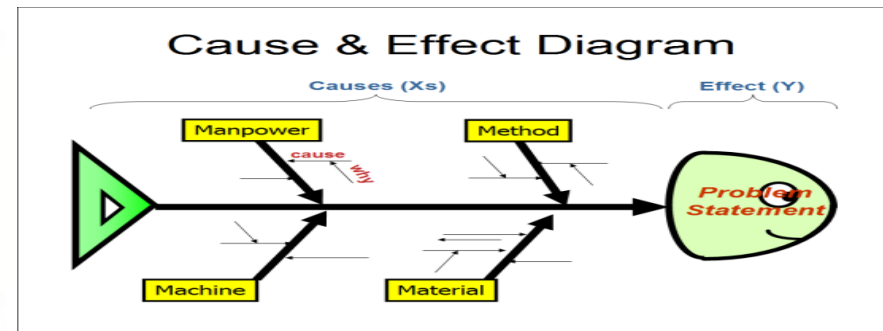
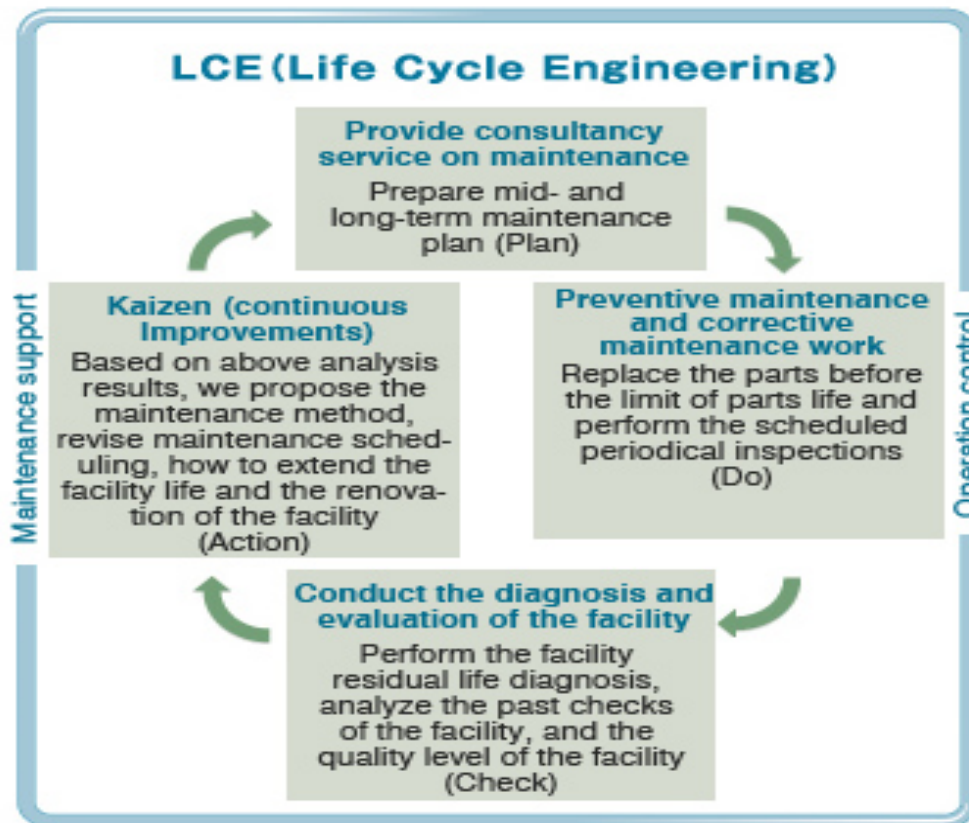


PHORON
TECHNO SOLUTIONS PVT LTD
A step ahead in 21st century

Equipments



Our Approach (PDCA, Fishbone, 4M, OEE etc)



Availability

Run Time / Planned Production Time

Performance

Ideal Cycle Time × Total Count / Run Time

Quality

Good Count / Total Count

$$A \times P \times Q = OEE$$

Sample Kaizen – Energy savings in Cooling tower fan






BEFORE		AFTER			
		IMPROVEMENT DONE			
1. CT FAN running is with Soft starter. Energy consumption - 1 motor used 77 kwh / day		1. Installed 1 Nos VFD for 2 Nos. of CT Fan. Energy Consumption - 1 Motor used 55 Kwh/day			
BEFORE		AFTER		Saving	
Energy Consumption	154 Kwh/day	Energy Consumption	110 Kwh/day	Energy saving	44 Kwh/day
Monthly Energy Cost in Rs.	41580	Monthly Rs.	29700	Monthly Rs saving	11880
Yearly Energy Cost in Rs.	498960	Yearly Rs.	356400	Yearly Rs saving	142560
Soft starter (2 Nos) prise	28000	VFD price	9000	Material Rs Saving	19000
Total Cost/Year	526960	Total Cost/Year	365400	Total Saving/Year	161560
1. Fix Speed 50 Hz. 2. Starting current high. 3. Pendency point for High Range soft starter Use. 4. Protection level Normal.		1. Variable speed 0 to 45 Hz. 2. Start with Low current. 3. Pendency point Close. 4. Protection level High.			


5S & Inventory Management

5S (Sort, Set in order, Shine, Standardize & Sustain)

5S

5S is a five-step organization technique to create and maintain an intuitive workspace.

				
Sort	Set In Order	Shine	Standardize	Sustain
Keep only necessary items in the workplace.	Arrange items to promote efficient workflow.	Clean the work area so it is neat and tidy.	Set standards for a consistently organized workplace.	Maintain and review standards.



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Inventory Management



Some of our clients



About us

Since 2014 Phoron Techno solutions has continued to cultivate the best practices towards achieving optimal equipment efficiencies by operating and maintaining them.

We have provided superior facilities support services by listening to our customers and consistently exceeding their expectations.

We have received numerous accolades for our response to emergency situations and our ability to help clients reduce their operational expenses.

We are proud to continue our pursuit of excellence towards a results-oriented solutions company.



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PHORON

TECHNO SOLUTIONS PVT LTD

A s t e p a h e a d i n 2 1 s t c e n t u r y

*Thank
You*