













ME Connect



Bi-monthly Newsletter

Vol. 1 No. 2 Mar-April'2020



Learn From Home

An initiative towards online Skill Development...

From Executive Chairman's Desk:

When the going gets tough, the tough get going!

We know that time is difficult but those with resolve don't give up but are stimulated in to action. You all may be aware that we have started production in some plants where the conditions are favorable but it must not be used an excuse to become less cautious. Plant heads must ensure that all government rules, directives and guidelines are stringently followed related to Covid-19.

We are currently facing huge losses every day as our fixed cost is very high, hence cost-cutting becomes inevitable. As always, the Patil group has adopted a humane approach and we are not laying off employees but a nominal salary reduction for the time being is crucial to maintain financial balance. During this pandemic, we have realized that the things which we thought are essential are actually non-essential. In the context of cost-cutting we must check which non-essential activities are we doing in the factory as well as in our daily lives.

I acknowledge the Plant heads and their teams for being able to handle the situation in their respective plants and no positive case was reported in any unit. We have to gear up production while ensuring the physical and mental well-being of all workers and staff. You can give the assurance to migrant workers that they will be allowed to go to their native places in future when situation is Safe & Normal.

All employees must take seriously the online training sessions started by CME, understand and implement the learning in your work areas.

Never forget, that even a single Covid-19 positive case will lead to the forceful shutdown of the entire plant.

Take care of yourself and your family, we are hopeful that we will come out of this crisis and emerge stronger than before.

Good luck and best wishes to all!

L.S. Patil

Executive Chairman, Patil Group

SAFETY WEEK CELEBRATION

National safety week (4th March'20 to 10th March'20) was celebrated across all Manufacturing Plants/units. Every employee had taken oath to follow all safety rules and regulation and make zero accident plant.

Refresher training was given to staff & workmen together and reminded to use PPE at work for their own safety. Safety oath was taken. Some photographs of the Occasion.













VC IN MARCH'2020

CME had been regularly conducting video conference with every plant since January '2020. Weekly VC with One plant at a time is held & progress/ issues related to CME activities are discussed. CME team along with Operations, Quality are participants from Corporate were present. Plant head with core team are there in the VC. Agenda for the VC were fixed & intimated to every plant in advance. MOM prepared & circulated among all participants after meeting is done.



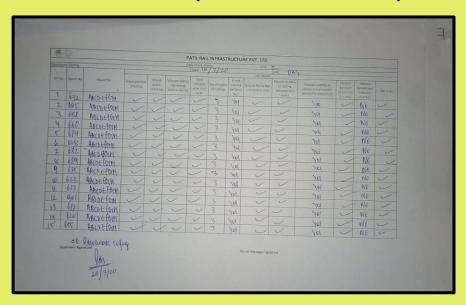
Agenda:

- 1. Quality Rejection data & Action plan/ Taken.
- 2. Plant Breakdown status, Trend, Bearing consumption & motor burning, Timely Response.
- 3. ME activities related to 5S, Quality circle, Training, Safety & Process ownership status.
- 4. Bench Mold & Infrastructure related issues.
- 5. DRM (daily review done at plant & its outcome, issue to be taken up with CHQ.)

Total number of VC done were **14** before 22nd March.

PROCESS OWNERSHIP

After Initial hindrances, now all plants are following SOP and all critical processes are strictly monitored by dedicated PROCESS owners. Filled up Process check sheets are shared daily/weekly with CME & related issues, if any, are discussed in our weekly VC.



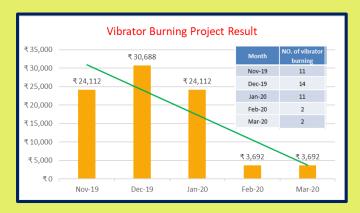
QUALITY CIRCLE PROJECTS

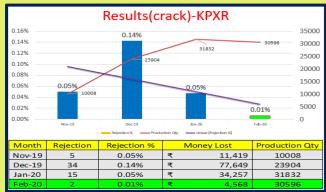
Quality circle is becoming way of routine life at our plants. Many plants have successfully completed projects and reduced Rejection (which is major cause of concern in every unit & a direct Loss). Here, major focus must be to maintain & further reduce the Rejection level achieved as the Outcome of the Quality Circle projects.

Till 21st March, Two new Quality Circle Projects were completed

- 1. Reduction of Vibrator Burning-Udvada
- 2. Reduction of Rejection (Crack)-Kaipadar

Final result slide shown as the outcome of the projects.





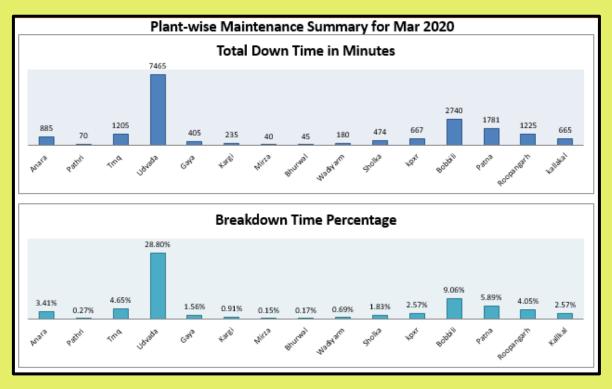
Annual Quality Circle project Target for Plants:

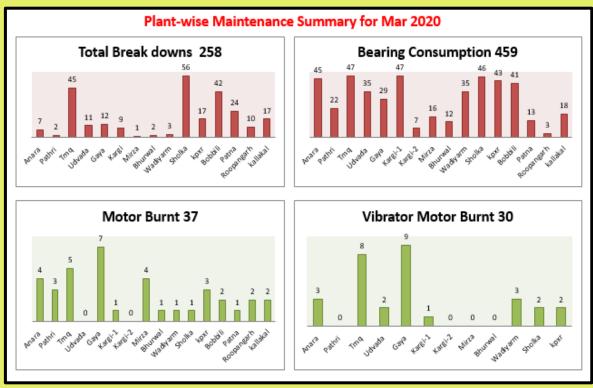
Plant	Total Problems	Total N0. of Project completed	Project completed 2020	Target for 2020
Kargi	14	1	0	6
Anara	7	1	0	6
Gaya	14	2	1	8
Wadiaram	5	1	0	6
TMQ	13	1	1	6
Kallakal	10	3	0	6
Bobbili	9	3	1	6
Sholaka	11	0	0	6
Pathri	11	0	0	6
Udvada	9	1	0	6
Roopangarh	7	0	0	6
KPXR	9	2	2	6
Mirza	11	0	0	6
Total	130	15	5	80

BREAKDOWN & FOCUSED MAINTENANCE

For the month of March, (up to 21st March), Break down reports, bearing consumption, Motor burnt cases, - Analysis & action plans are reported by maintenance. Detailed reports are compiled at CME for down time, PM adherence & comparative data are analyzed to know performance of Plant and accordingly guidance & instruction are given

Following are the reports compiled for all plants for the month of March'2020

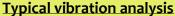


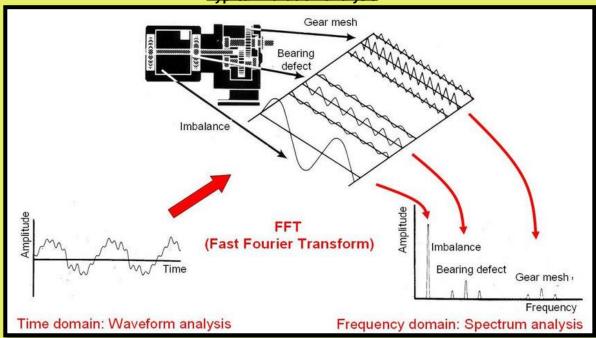


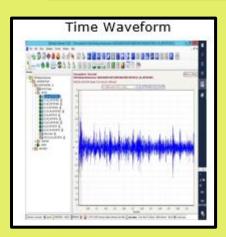
CONDITION MONITORING

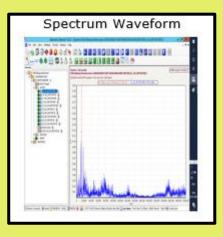
Condition Monitoring of Mixer Machine in Wadiaram Plant: We have successfully installed and commissioned SKF condition monitoring equipment for mixer machine as a step towards world class manufacturing & Industry 4.0

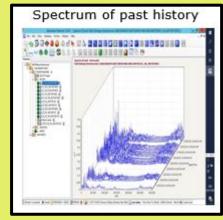
Condition Monitoring is a tool or technique used in predictive maintenance strategy. This tool is used to track the performance of the equipment during normal operation to detect possible defects much before they result for failure. In Mixer Machine we adopted Vibration analysis technique for machine analysis.











Within few months we are planning for implementation of condition monitoring through MCSA technique in our wire plant (Bobbili). By implementing this technique we are able to monitoring the machinery continuously 24X7 and predict the fault in advance much before it came to breakdown. With this we will increase the machine availability, efficiency and reduce the breakdown.

TRAINING & DEVELOPMENT

Training to every Staff & workmen on Sleeper manufacturing process & Quality aspects are now a regular feature at every plant. Audio Visual training are provided with help of big screen TV / Projector & will continue as new people keep joining.

Report from all plants are regularly received at CME with Photo/ video of actual training session.









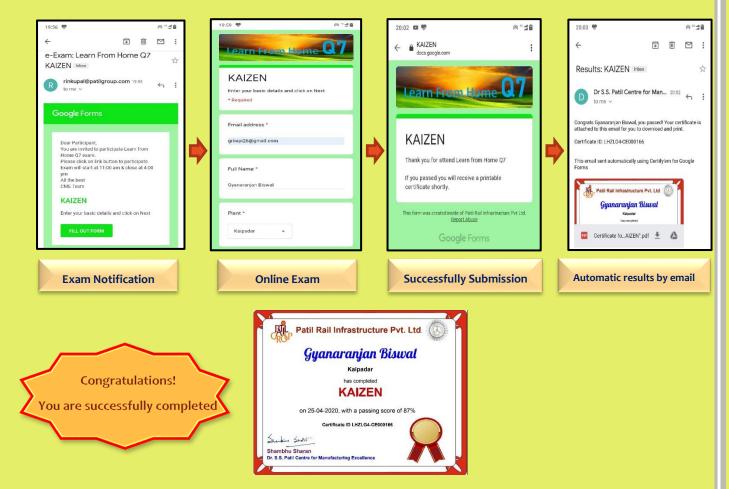
LEARN FROM HOME

After 23rd March (when Lockdown was declared), CME has started Online training sessions with all plants. As a process, CME shares study material in very simple & understandable language. They are given sufficient time to go through it. For any query or doubts, team member talks to CME for clarification. Then online test are conducted on that Particular topic. Based on marks obtained in the test, Automatic Certificates are issued online to every individual. Responses are very good from plants for this online Learning classes. Average participation per training topic was 200 + from all plants put together.

Till now following subjects/ topics were taken up in our "<u>Learn from Home</u>" initiative. (Till 26Th April)

- 1. Quality Circle & 12 Steps Approach
- 2. Brainstorming A way to invent new ideas
- 3. Pareto Analysis-A way to prioritize Tasks
- 4. Identification of 8 Wastes-The Lean Way
- 5. 5S Methodology
- 6. Fishbone & Root Cause Analysis
- 7. Kaizen (only few plants)

E-Learning exam process:



NEWS FROM PLANTS

Measures taken at plants to control COVID-19 as per Government directives.

- 1. Many Awareness sessions with all workmen conducted.
- 2. Training on Safety, Precautions & social distancing
- 3. Occasional visit by Doctors, Nurse & health workers to the plants
- 4. Disinfectant tunnel for mass sanitization of workmen & staff.
- 5. Regular sanitization of Plant surroundings & workmen's rooms
- 6. Maintaining social distancing in Mess, Queue & during work.
- 7. Daily temperature checking & records keeping.
- 8. Many other precautionary steps for external visitors





























QCFI MEMBERSHIP RENEWED

Our organization is now a permanent member of QCFI (Quality Circle Forum of India).

Certificate Renewed in March'2020.

