

ME Connect

Bi-monthly Newsletter

Vol. 1 No. 1 Jan-Feb'2020



From Executive Chairman's desk:

We cannot use YESTERDAY's Technology in TODAY's Competitive environment & remain in Business TOMORROW.

Above message warns every organization to be always in learning mode & improve continuously to remain ahead of our Competitors. Initiatives of CME has to be religiously implemented in every plant without fail. We have seen that plants which has followed ME tools, got benefitted in Productivity, Quality, Process control, Cost & safety.

Railways have already changed themselves & expect us too to change for betterment. Expectations from Railways are ever increasing in terms of Cost, Quality & Timely Delivery while following defined processes strictly. In such situation, we have to be highly efficient & Proactive in our approach to surpass Customers expectations. Units which do not take CME activity seriously & do not implement fully, will be dealt with very seriously. From next year, more than 50 % Appraisal weightage is given to CME activities.

In coming times, we will have business threats from new & overseas players who will be entering in Sleeper manufacturing business as Railways has 5 years Investment plan of INR 5 lac Crore.

Our Team are highly Experienced, Motivated & Result Oriented. They have achieved tough & appreciable mile stones in the past. We are confident of becoming a 100% Manufacturing Excellence Group by year 2022, Coinciding with India's 75th Independence Day & lead construction industry as a Benchmark for others.

I take this opportunity to share this first Bi-monthly Newsletter with you.

Best Wishes to you all.

L S Patil,

Executive Chairman, Patil Group.

Manufacturing Excellence Launched

On 22nd Jan 2020, Manufacturing Excellence has been launched at Kaipadar sleeper plant.

Training on various ME tools and techniques like Quality circle systematic approach, fishbone analysis, pareto analysis, RCA etc. has given to plant core team.



ME Launched @ Kaipadar

February: ME launched at Mirza & FBW;

In addition to standard training session & workshop, Safety Gemba walk conducted with Plant head & core team to find unsafe act & Unsafe condition in the plant. Action plan made & responsibility allocated to eliminate such abnormal situation which may cause major/ minor accidents in the plant.



ME Launched @ Mirza

Now all plants have been ME launched.



ME Tools training @ Mirza



ME Launched @ FBW

Status reporting & follow up:

Weekly reports are sent from individual Plants to CME on weekly basis on work done & progress on 5S, Training done, Quality circle & safety incident happened.

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.

Process Ownership:

It has been calculated that last year Patil group has lost around Rs. 15000000 due to various rejections in all plants together. Main cause of these rejections were careless working by workmen, less or no supervising, No control on Process, Work done by untrained worker. If plants had followed the SOP strictly then we could have saved huge loss.

Every plant has assigned four process owners for:

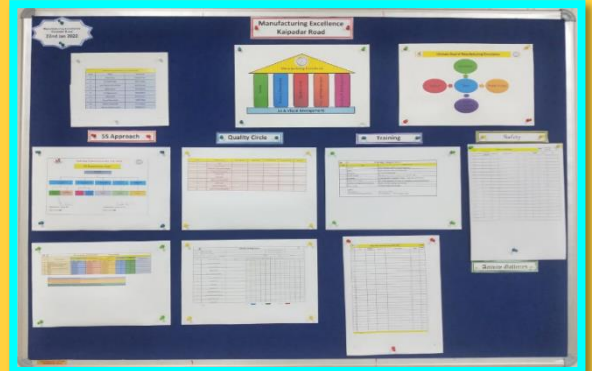
1. Mould Preparation & Tensioning process.
2. Casting
3. Batch mixing
4. Demoulding

Every Process owner has to check each bench in his shift & fill up the relevant Process check sheet. By this way, Every Supervisor owns that process & is fully responsible for the SOP process to follow. CME has created separate WhatsApp group for every plant where process owners can directly upload their filled up process check sheet Daily.

ME Board at plant:

This board if maintained regularly then it works as a ready reference & Quick status check about the various activities going on the manufacturing unit.

This boards must be maintained at any point of time so that team knows where they are lagging & need to put more efforts. Plant head has to go through this board daily and accordingly guide & instruct team to progress.



ME Board @ Kaipadar

Safety Gemba Walk:

CME has started safety Gemba visit at MIRZA plant. This is done with Plant head & Core team. This visit must be conducted every week just to find out the unsafe act & unsafe condition in the Unit & take immediate Corrective actions.

Our Group target is the Make 2020 as the Safest Year.

Every Unit along with HR & Operation team has started Training on Safety awareness across the Plants.



SKF & ME Training @ Pril Skill Development Centre

From 9th to 12th January '2020, 4 days comprehensive training program was organized for all the plants. Maintenance Engineers & ME Coordinator from Every unit including HTS wire plant & Foundry.

SKF experts had trained our Maintenance team everything about Bearings.

Types, proper handling, various defects & root cause, Mounting & dismounting, Lubrication-relevant types & standard way of applying, Identification, Applications.

Team managed to start 6 Quality circle projects there itself by forming team & done extensive brain storming. Workshop was very effective & team got a real feel & gained knowledge on 12 stage process, Pareto chart analysis, Fish bone diagram (4M analysis).



SKF Training



Maintenance training



CME Training



Participants



OJT on Vibrator Bearing

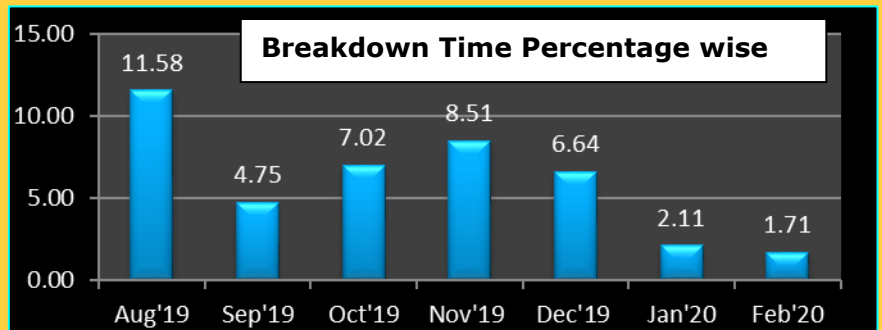
Condition Monitoring:



As a step towards Industry 4.0 and endeavour towards world class manufacturing facilities we are continuously implementing Automation & Predictive maintenance tools.

We implemented MCSA (Motor Current Signature Analysis) one of the Industry renowned predictive maintenance tool at our Kallakal plant.

By implementing the tools, Kallakal Breakdown had been reduced drastically below.



We installed & commissioned SKF Vibration Condition Monitoring for mixer at Wadiyaram plant in February month of this year



Vibration Condition Monitoring



Vibrator monitoring



Vibrator Sensor Mounting

Idea Box Suggestion Scheme:

Suggestion Scheme has been initiated at Mirza plant.

Awareness Session conducted with all staffs & workers about importance, need & benefits of suggestion scheme.

Three idea box along with blank suggestion form are fixed at three different locations in plant.

This will help people to think and come.



Video Conference:

CME conducts biweekly / monthly Video conferencing with individual plant related to Status of Progress for CME activity at the plant. Topics related to Safety, Training, Process ownership, Quality circle & Maintenance are discussed.

If any bottle neck / no progress/ irregular or No Reporting is there Then Plant head & team are asked to Explain. MOM are made for all the matter discussed & in Next VC all such points are taken first to see if Things improved or not.

Concerned plant is informed well in advance & formal invitation is sent through Google meet.



CME Audit:

From April'2020, CME will be conducting Audits at plants to gauge the progress on CME activities. This audit can be done by CME team/ other colleagues from Other Plant/ Third party / anyone from Operation/ CHQ. This audit plan date will not be shared with any unit.

