



KAIZEN RECORD SHEET

Kaizen Category

- Easy to CLIT, Adjust, Operate, Monitor
- Stoppage elimination or Increasing MTBF
- Elimination of Minor stoppages
- Changeover / MTTR
- Customer Complaint Elimination
- Inhouse Rejection / Rework Elimination
- Energy Saving
- Waste Elimination / Yield Improvement
- Pokayoke
- Increase in Speed
- Environment
- Elimination of Unsafe Conditions
- Others

Team Members:
 S A Zabbar (SAP 1439) (team leader)
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Dept. : DIP (Mechanical)

Sheet No. (Will be filled by)

Tick Only One

Approved By: K Sekar

Kaizen Theme : Level Indicator for Mould Powder Tank of Spinning Machines

Location DIP HOT ZONE	Major equipment Group SPINNING MACHINES	Equipment Mould Powder Tank	Problem Related To
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Problem / Before Status :

(Use sketch)



The amount fo mould powder in the tanks is not known and the tank is filled up afrer certain period of production hours based on experience. Sometimes the tank is overfilled and costly mould powder is wasted. If accurate mould powder level is known then it will be very helpul.

Countermeasure / After Status :

(Use sketch)



A level indicator was made and inserted . It gives the actual position of the mould powder in the tank. Based on the level the overhead tank is filled. As an experiment it was made for SPM 3 Mould powder unit.

Benchmark Value :	NA
Target Value :	Na
Kaizen Start Date :	25th Feb 2021
Kaizen Finish Date :	28th Feb 2021

Results :

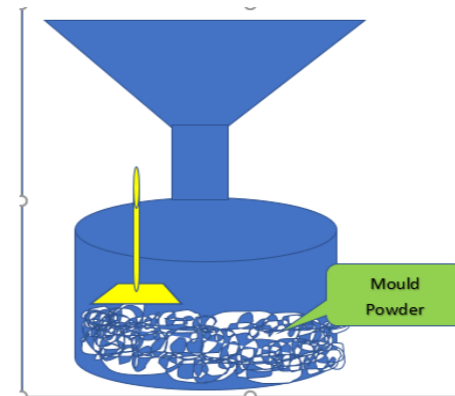
[Before (Data) / After (Data)]

It is working fine . There was a problem that during . filling the level indicator is to be raised up and locked. After filling it has to be released. Operators were making ffequent mistake on this They have been explained and it will be also written in Telugu on the mould powder unit to follow the instruction.

Analysis :

(Step by step kaizens, why why or FTA or any analysis tool)

- On the principle of indicating water level in a water tank a similar float
- (a solid disc) has been welded to the end of an indicating rod.
- The rod rises and goes down with the mould powder level .(see diagram)



Benefits: (In term of PQCDMS or Rs.)

Indication of mould powder level will avoid overfilling

Scope & plan for Horizontal Deployment

Equipment	Target Date	Responsibility	Status
All SPM	15-04-2021	Mechancial Dept.	Progress