



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)
Umesh Kumar Mohanty (SAP 2064)
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Dept. : DIP (Mechanical)

Sheet No. (Will be filled by)

Tick Only One

Approved By: K Sekar

Kaizen Theme :

Location DIP HOT ZONE	Major equipment Group SPM-02 HOPPER	Equipment HOPPER TILTING HYDRAULIC VALVE	Problem Related To
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Problem / Before Status :

(Use sketch)



The valve stand is of SPM-02 Hopper and is located beside the hopper. The valve is exposed to heat and dust. Any leakages in the unit could not be detected because of the thick layer of dust.

Countermeasure / After Status :

(Use sketch)



The valve after cleaning.



Huge leakage found at the base after cleaning.



Leakage stopped after C Oring replaciement. A tranparent cover made for the valve unit for dust protection.

Benchmark Value :	NA
Target Value :	Na
Kaizen Start Date :	8th Dec 2020
Kaizen Finish Date :	15th Dec2020

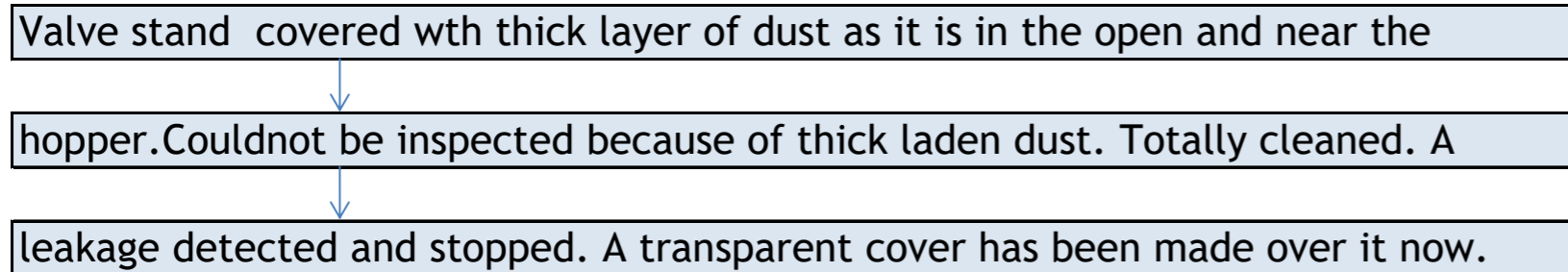
Results :

[Before (Data) / After (Data)]

Now less dust falls on the valve unit and operators can brush away the same once in a week. Operater now operates the valves from outside the transparent cover.

Analysis :

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



Benefits: (In term of PQCDMSM or Rs.)

The valve unit is protected from dust and heat and **and it will be easy to inspect during inspection.**
No requirement for daily cleaning.

Scope & plan for Horizontal Deployment

Equipment	Target Date	Responsibility	Status
SPM 3	01-01-2021	S A Zabbar	