

Food Safety Kaizen Sheet

Tata Consumer Products

Project Start and Finish Dates:
01/07/2020- 01/09/2020

Plant Name & Location:
Aurangabad Packaging center

Kaizen Title: COVID-19 Marshall

Category (Tick as applicable): Reactive

✓ Proactive

Innovative

Problem Statement with Status: Deviation of protocols and SOP's by personnel inside the factory to avoid product & environment contamination

Implementation Area: Factory Premises

Improvement Target:

100% compliance in following COVID-19 prevention SOP's to maintain safety and prevent the spread of the virus.

Benefits/ Results after Implementation:

- Qualitative:** The disease being a communicable one can be prevented to spread through oral source which itself is beneficial to personnel & the environment
- Quantitative:** The number of people coming in contact through droplet source can be reduced considerably by implementing the process of wearing masks. Reduction in 90% of violations in 6 months.

Causes of the problem:

1. Monitoring cannot be done all the time.
2. Casual attitude of the daily wage workers
3. There can be lapses from the supervisors who may not pay attention
4. It is not practical, cost wise, to depute more people just for monitoring

Root Cause: Multiple safety and awareness trainings are given but still some people were found to deviate from the safety rules .

Scope & Future plan where this improvement can be implemented:

The system can be implemented in all the public places to avoid spread of the deadly virus which will be highly beneficial. For instance in Hospitals to, Schools, malls as well as markets.

iii. Standardization of countermeasures:

What: Constant monitoring via AI Software

When: Continuously (24/7)

Who: Management

Where: 8 cameras around and inside the factory

Possible Countermeasures to eliminate Root cause

The root cause identified was that constant monitoring was not possible everywhere which was why some people developed casual attitudes towards following procedures put in place for their own safety. Possible counter measure was deploying people in all areas of factory to monitor but this is not practical in terms of resources expenditure.

Photo of Problem 'Before Counter Measure'



Photo of 'After Counter Measure'



Final Countermeasure:

Final counter measure was to set up a virtual monitoring system via the CCTV to monitor the factory workers. This was done by linking the Artificial intelligence to the CCTV and the violations are captured on a dashboard.

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TEAM MEMBERS



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