

SPC AND Process Data Tracing at Johnson Matthey Catalyst, Gurgaon, India.



PROJECT : SPC And Process Data Tracing.

LOCATION : Manesar , Gurgaon , India.

CLIENT : Johnson Matthey Catalysts, India

SERVICES : PDT and Reporting.

DESCRIPTION

Johnson Matthey Catalyst is world leader in Emission Control Technologies with manufacturing plant in 21 countries. Catalytic Converters (on the image right side) are used to convert Harmful and Green House gases to Environment friendly gases. Johnson Matthey produces around 1200 catalysts in 1 hour. This project involved tracing of pieces i.e. Catalytic Converter at different instance of manufacturing stage and to store data for SPC Reporting and Analysis.

BENEFITS

- Quality Control which reduces manufacturing of defective products.
- Statistical Analysis to reduce further production of defective pieces.
- Live Data Analysis so that line can be stopped automatically if the production is out of Specification limits.
- Rejecting defective pieces automatically during production prevents defective pieces to be mistakenly transported to the final user.

PRINCIPAL FEATURES

- Development of Logic For Tracing
- Storing Data in Enterprise Data Center
- Rejection according to 3 Sigma
- Live SPC and Reporting
- Batch SPC Analysis And Reporting
- Tracing through Barcode
- Calculate various Statistical Functions like cpk , ppk ,stdev.
- Rework of rejected pieces to minimize loss
- 24 Hour Support through RDP