Process Control Chart

Process Mean: The average value of a process over time.

Control Limits: The upper and lower limits within which a process should remain.

Histogram: A graphical representation of the distribution of process data.

Scatter Plot: A graphical representation of the relationship between variables in a process.

EXAMPLE PROCESS FLOW - Process report

Select Tolerance ID and Process

Begin by choosing the tolerance ID and process from the filters to focus on a specific aspect of the manufacturing process

Customize Stations and Part Types

Use the station and part type filters to narrow down the analysis to specific stations or part types related to the selected process.

Set Date Range

Specify the date range to analyze process data within a specific time frame, helping identify trends or variations over time

Review Tolerance Analysis

Explore the "Tolerance Analysis" section to understand the statistical metrics, including average, standard deviation, Cp, and Cpk

Examine Control Chart

Study the "Control Chart" section to visualize the process results over time, identifying patterns or anomalies

Check Warnings and Special Cause Variation

Investigate the "Warnings and Special Cause Variation" section to identify any issues or deviations that require attention

Explore Individual Results

Dive into the "Individual Results" section to view specific values and their positions relative to tolerance limits

By following this workflow and utilizing the filters, users can effectively navigate the "Process Report" dashboard in Odin Insights, gaining detailed insights into a specific manufacturing process. The training documentation is designed to guide users through each step, ensuring a seamless navigation experience on the "Process Report" dashboard.