

CPK Analysis

CPK Value: A measure of process capability.

Upper Specification Limit (USL): The maximum acceptable value for a process.

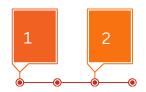
Lower Specification Limit (LSL): The minimum acceptable value for a process.

Mean: The average value of a process.

Standard Deviation: A measure of the dispersion or spread of a distribution.

Process Capability Index (Cpk): Measures how well a process can meet specification limits.

EXAMPLE PROCESS FLOW - CPK

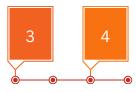


Select Operation Type, Station, Part Type

Begin by choosing the operation type, station, and part type from the filters to focus on a specific aspect of the manufacturing process.

Customize Number of Results and Date Range

Use the number of results and date range filters to narrow down the analysis to a specific set of data.



Review Cpk Analysis

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

Examine Part Type Overview

Check the "Part Type Overview" section to understand the torque and angle values for snug operations associated with different part types



Explore Individual Results

Dive into the "Individual Results" section to view specific torque and angle values for snug operations, along with their status



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