



PROJECT INFORMATION

Project #	
Project Name	
Objective:	
COPQ - Internal:	\$
COPQ - External:	\$
Annual Cost Savings	\$

ATTACHMENTS

Problem Statement	<input type="checkbox"/>
Baseline Performance	<input type="checkbox"/>
Project Objective	<input type="checkbox"/>
Project Scope	<input type="checkbox"/>
Deliverable(s)	<input type="checkbox"/>
Financial Benefits	<input type="checkbox"/>



Deliverable



Tool



In Process



Complete

DEFINE

MEASURE

ANALYZE

IMPROVE

CONTROL

- Problem Definition
- Objectives
- Scope
- Boundaries
- Preliminary Analysis
- Initial Benefits
- Project Charter
- SIPOC Diagram

- CTQs, FDM
- KPIVs, KPOVs
- Updated Objectives
- Quantified Problem
- Improvement Goals
- Project Team
- Project Plan, Gantt
- Baseline Performance
- Value Stream Map
- Fishbone/CED Diagram
- Cp & Cpk
- Gage R&R, MSA OK

- DFMEA/PFMEA
- Sampling Plan
- Initial Data Collection
- BasicStats
- Box, Dot Plots
- Causal Pareto's
- Confidence Intervals
- T-tests
- ANOVA
- Revised Objectives
- Update Process Map, PFMEA, & Fishbone
- Revise Project Plan
- Containment Actions

- Screen Experiments
- Shanin, Multi-Vari
- Hypothesis Tests
- Regression, Correlation
- DOE Design
- DOE Experiments
- Mathematical Models
- Recommendations
- Documentation
- Education
- Implementation Plans

- DOE
- EVOP, RSM
- Implement Changes
- Replication Experiments
- Hand-Off Plan
- Lean, 5s, Poka-Yokes
- Update All Documentation
- Education
- Monitor Improvement
- Document Improvement
- Summarize Benefits
- Define Next Project
- Management Presentation
- Process Owner Handoff