

The DAMIIC Methodology and Tools

Define	Measure	Analyze	Improve	Implement	Control
Project Charter	Collect Baseline Data (Y's and X's)	Fishbone Diagram	Develop Solutions	Implement Plan	Standard Operating Procedures
SIPOC	Gage R&R	Root Causes confirmed with data	Hypothesis Testing DOE	Implement Process	Monitoring Plan
Define Defects CTQ	Detailed Process Flow Map	Pareto Chart	FMEA	SPC and Process Capability	SPC and Process Capability
Determine Savings	SPC and Process Capability	Develop Report Out	Cost Benefit Analysis	Verify Savings	Lessons Learned
Gantt Chart	Develop Report Out		Develop Report Out	Develop Report Out	Develop Report Out
Develop Report Out					