

# MoreSteam Certification Project Requirements

		Green Belt Requirements	Black Belt Requirements		
		Project 1	Project 1	Project 2	
<b>Project Results</b>	Summary statement of project results tying metric performance back to the Charter statement mission.	✓	✓	✓	
<b>Prioritize and Define</b>	Project Charter	✓	✓	✓	
	Thought Process Map	✓	✓		
	S-I-P-O-C Process Flow Chart	✓	✓		
	Pareto Chart	✓	✓		
	Gantt Chart	✓	✓		
	CTQC Tree Diagram	✓	✓		
	CTQC's Identified with Operational Definition	✓	✓		
<b>Measure</b>	Measurement System Analysis	✓	✓		
	Trend Chart	✓	✓		
	Defect Opportunities Defined	✓	✓		
	DPMO Baseline and Sigma Level	✓	✓		
	Histogram	✓	✓		
	Statistical Process Control	✓	✓		
	Capability Analysis	✓	✓		
<b>Analyze</b>	Hypothesis Testing	✓	✓		
	Design of Experiments: Full or Fractional Factorial Design	N.A.	✓		
	<b>Select from the following tools:</b> Cause & Effect Diagram 5-Why, 1-How Analysis FMEA - Failure Mode and Effects Analysis Regression & Correlation Analysis One-Way Anova	Select 3	Select 4	N/A	
<b>Improve</b>	<b>Select from the following tools:</b> Brainstorming Error-Proofing System Dynamics Solution Selection Matrix Corrective Action Matrix Piloting Changes Set-up Reduction	Select 4	Select 4	N/A	
	Control Plan	✓	✓		
	Control Chart(s) showing both BEFORE and AFTER data	✓	✓		
	<b>Select from the following tools:</b> Revised Work Instructions (Standardized Work) 5-S Total Productive Maintenance Best Practices - Improvement Integration	Select 3	Select 3	N/A	
	<b>Affidavit</b>	Signed document from company executive		✓	✓