

MoreSteam Certification Project Requirements

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