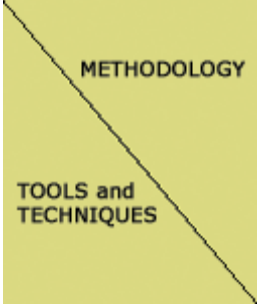


## QUALITY TOOL SELECTOR CHART

	CONTINUOUS IMPROVEMENT (PDCA)							DMAIC					DMADV				
	Identify opportunity	Analyze the process	Develop solutions	Implement solutions	Evaluate results	Standardize solutions	Plan for the Future	Define	Measure	Analyze	Improve	Control	Define	Measure	Analyze	Design	Verify
<b>7 Quality Control Tools</b>																	
Cause & Effect Diagram		x							x					x			
Control Charting			x		x				x		x	x				x	x
Checksheet	x												x				
Histogram	x								x				x				
Pareto Chart					x				x		x		x	x			x
Scatter Diagram		x			x					x		x		x			
Flowchart																	
• Deployment Flowchart	x	x	x			x							x				
• Linear Flowchart	x	x	x			x							x				
• Opportunity Flowchart		x	x			x							x				
<b>7 Management and Planning Tools</b>																	
Activity Network Diagram			x								x						x
Affinity Diagram	x	x						x		x			x	x			
Interrelationship Diagram		x								x					x		
Prioritization Matrix											x						
Process Decision Program					x						x						x
Tree Diagram				x							x						x
Matrix Diagram																	
<b>Other Quality Tools and Techniques</b>																	
Creativity Techniques																	
Creativity Tools																	
- Reversal				x							x						
- SCAMPER				x													x
Data Collection Tools																	
- Checklist	x												x				x
- Run Chart	x												x				

Drawings/Graphs/Charts															
· Bar Graph	x													x	
· Line Graph	x													x	
· Pie Chart	x													x	
7S Kinsley Model (Change														x	
4W + 1H			x												x
Five S	x	x	x	x	x	x	x					x	x		
Action Plan	x		x												x
Activity Based Costing															
Balanced Scorecard															
Benchmarking														x	x
Brainstorming	x	x	x				x							x	
Business Process Map						x								x	
Charters	x							x						x	
Consensus	x	x													
Cost – Benefit Analysis					x							x			
Effective Meeting	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Effective Presentation Skills	x			x		x			x		x	x		x	x
Failure Mode Effects Analysis			x								x				x
Facilitation	x	x				x	x	x	x		x	x		x	x
Force Field Analysis				x							x				x
Frequency Tally Sheet	x													x	
GANTT Chart				x							x			x	
Interviewing	x	x			x					x					x
Multi-voting	x							x							
Nominal Group Technique	x	x					x	x	x					x	x
Process Capability	x				x	x			x		x				x
Process Management Chart						x				x		x		x	
Project Planning			x											x	x
Quality Function Deployment														x	x
Sigma Calculation		x			x	x			x			x		x	
SIPOC Analysis		x						x						x	
Six Thinking Hats		x	x							x	x				x
Spider Diagram		x			x				x		x			x	
Survey	x				x			x			x			x	
SWOT Analysis															

References: Book