

ASQ Body of Knowledge for Lean Six Sigma Black Belts

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1. Organizational-wide Planning and Deployment	2. Organizational Process Management and Measures	3. Team Management	4. Define	5. Measure	6. Analyze	7. Improve	8. Control	9. Design For Six Sigma (DFSS) Framework and Methodologies
Organization-wide considerations	Impact on stakeholders	Team formation	Voice of the customer	Process characteristics	Measuring and modeling relationships betw. variables	Design of experiments (DOE)	Statistical process control (SPC)	Common DFSS methodologies
Leadership	Benchmarking	Team facilitation	Business case and project charter	Data collection	Hypothesis testing	Lean methods	Other controls	Design for X (DFX)
	Business measures	Team dynamics	Project management (PM) tools	Measurement systems	Failure mode and effects analysis (FMEA)	Implementation	Maintain controls	Robust design
		Team training	Analytical tools	Basic statistics	Additional analysis methods		Sustain improvements	
				Probability				
				Process capability				