The Continuous Improvement Map

Managing Risk

PDPC

FMEA   RAID Log*

Risk Analysis*

Fault Tree Analysis

Traffic Light Assessment

Selecting & Decision Making

Break-even Analysis   Importance Urgency Matrix

Quality Function Deployment   Cost Benefit Analysis

Payoff Matrix   Delphi Method   TPN Analysis

Decision Tree   Pick Chart   Voting   Four Field Matrix

Critical-to X   Force Field Analysis   Portfolio Matrix

Decision Balance Sheet   Paired Comparison

Kano   Pugh Matrix   Prioritization Matrix

Pareto Analysis   Matrix Diagram

Planning & Project Management*

Daily Planning   PERT/CPM

MOST   RACI Matrix   Activity Networks

SWOT Analysis   Stakeholder Analysis

Project Charter   Improvement Roadmaps

PDCA   Policy Deployment   Gantt Charts

DMAIC   Kaizen Events   Control Planning

A3 Thinking   Standard Work   Document control

Understanding Performance**

Lean Measures   OEE

Process Yield

Capability Indices

Gap Analysis*

Bottleneck Analysis

Reliability   MSA

Benchmarking***

Project KPIs   KPIs

Descriptive Statistics

Probability Distributions

Histograms   Normal Distribution

Graphical Methods

Run Charts

Control Charts

Cost of Quality*

Understanding Cause & Effect

Chi-Square   Nonparametric

Hypothesis   ANOVA   DOE

Multivariate   Multi-vari Studies

Scatter Plots   Correlation   Regression

5 Whys   Root Cause Analysis   Data Mining

Fishbone Diagrams   Relations Mapping   SIPOC*

Implementing Solutions***

Best Practices

TPM   Automation

Mistake Proofing   Health & Safety

Simulation   Just in Time   5S

Quick Changeover   Visual Management

Product Family Matrix   Flow   Pull

Spaghetti**   Process Redesign

Data Collection

Data collection planner*

Check Sheets**   Interviews

Questionnaires   Focus Groups

Observations

Suggestion Systems

Sampling

Brainstorming   SCAMPER***   Attribute Analysis

Affinity Diagrams   Morphological Analysis

Mind Mapping*   Lateral Thinking

Five Ws

How-How Diagram***   Tree Diagram*

Group Creativity

Designing & Analyzing Processes

Waste Analysis**   Value Stream Mapping**

Value Analysis**   Process Mapping

Flow Process Charts**   Time Value Map**

Flowcharting   IDEF0   Service Blueprints