The Lean Map

Managing Risk

FMEA

Selecting & Decision Making

Quality Function Deployment
VOC gathering

Planning & Project Management*

PDCA   Policy Deployment

Corrective plans

Kaizen Events
Kaikaku   Perfection

Cycle/Lead/Takt
Lean Measures   OEE
WIP/WIQ   Touch Time

Process Yield
Throughput yield

A3 Thinking   Standard Work
Work instructions   SOP

Matrix Diagram

KPIs

Understanding Cause & Effect

Best Practices

Implementing Solutions*

TPM   Automation
Preventive   Autonomation

Ergonomics   Environment

Mistake Proofing   Health & Safety

FIFO   Shop-floor Audits

Bottleneck Analysis
TOC

Just in Time   5S   POUS
Yamazumi   ANDON   Red tag

Understanding Performance**

5 Whys   Root Cause Analysis

Quick Changeover   Visual Management
SMED   Load leveling   Work balancing   Simplification

Product Family Matrix   Flow   Pull
Product variety analysis   Kanban

Benchmarking***

Spaghetti**   Process Redesign

8 wastes
Waste Analysis**   Value Stream Mapping**
Waste log   Value matrix   Value timeline   Value chain

Value Analysis**   Process Mapping
Opportunity map   As-Is To-Be maps

Flow Process Charts**   Time Value Map**
Value add chart

Data Collection

Observations
Waste/Gemba walks
Suggestion Systems

Group Creativity

Designing & Analyzing Processes

Continuous Improvement Toolkit . www.citoolkit.com