Operations Execution Excellence

Supply Chain Acronyms

4S: Arrangement, Organization, Cleanliness, Act of cleaning
5M: manpower, machine, method, material and measurement - sources of variation
5S: seiri (sort), seiton (straighten), seiso (shine), seiketsu (standardize) and shitsuke (sustain)
8D: Eight Discipline Problem Solving Method and Report
ABAP: Advanced Business Application Programming
ABB: Activity Based Budgeting
ABC: Activity Based Costing
ABM: Activity Based Management
ABS: Anti-lock Braking System
ADC: Automated Data Collection
ADE: Automated Data Entry
ADP: Automatic Data Processing
AFV: Alternative Fuel Vehicle
AIA: Aerospace Industries Association
AIAG: Automotive Industry Action Group
AIM: Application Integration Middleware
AMH: Automated Material Handling
ANX: Automotive Network Exchange
AOQ: Average Outgoing Quality
APEC: Asia Pacific Economic Cooperation
API: Application Program Interface
APO: Advanced Planning and Optimization
APQP: Advanced Product Quality Planning
APS: Advanced Planning & Scheduling
ASN: Advanced Shipping Notice
ASP: Application Service Provider
ASRS: Automated Storage Retrieval Systems
ATE: Automated Test Equipment
ATO: Assemble To Order
ATP: Advanced Technology Program
AV: Audio Visual
AVL: Approved Vendor List

B2B: Business to Business
B2C: Business to Consumer
BAPI: Business Application Programming Interface
BB: Black Belt
BBC: Black Belt Champion (or Council)
BBS: Business Balanced Scorecard
BMP: Best Manufacturing Practices
BOM: Bill of Materials
BPR: Business Process Reengineering
BTO: Built to Order
BTS: Build To Stock

CAD: Computer-Aided Design
CAE: Computer-Aided Engineering
CAGR: Compound Annual Growth Rate
CAM: Computer-Aided Manufacturing
CAPOSS: Capacity Planning and Operation Sequence Scheduling
CASE: Computer-Aided System Engineering
CBSA: Component Based Solution Assembly
CEMS: Contract Electronic Manufacturing Services
CFM: Continuous Flow Manufacturing
CLM: Council For Logistics Management
CM: Change Management
CMRP: Capacitated Material Requirements Planning
COA: Continuous Ordering Agreement
COGS: Cost of Goods Sold
CQA: Certified Quality Auditor
CQE: Certified Quality Engineer
CRM: Customer Relationship Management
CRP: Capacity Requirements Planning
CRP: Continuous Replenishment Program
CTQ: Critical to Quality
CTR: Cycle Time Reduction
DC: Distribution Centre
DFA: Design for Assembly
DFAA: Design for Automated Assembly
DFD: Design for Disassembly
DFE: Design For Environment
DFL: Demand Flow Leadership
DFM: Demand Flow Management
DFSC: Design for Supply Chain
DRP: Distribution Requirements Planning
DSRP: Demand Solutions Requirements Planning
DW: Data Warehousing
EC: Electronic Commerce
ECC: Error Correction Code
ECM: Engineering Change Management
EDI: Electronic Data Interchange
EDM: Electronic Data Management
EDMS: Engineering Document Management Systems
EES: Engineering Execution Systems

EFI: Electronic Freight Invoice
EFT: Electronic Funds Transfer
EFTA: European Free Trade Association
ELV: End of Life Vehicle
EMAS: Eco-Management and Audit Scheme
EMI: Electronic Magnetic Interference
EMS: Environmental Management System
ERA: Electronic Remittance Advice
Supply Chain Acronyms

**ERP:** Enterprise Resource Planning  
**ESD:** Electrostatic Discharge  
**ETO:** Engineer To Order  
**ETP:** Enterprise Transportation Planning  
**EU:** European Union  
**EV:** Electric Vehicle  
**EVA:** Economic Value Added  

**FA:** Flexible Automation  
**FAS:** Final Assembly Schedule  
**FCEV:** Fuel Cell Electric Vehicle  
**FCS:** Finite Capacity Scheduling  
**FG:** Finished Goods  
**FGI:** Finished Goods Inventory  
**FIFO:** First In First Out  
**FIP:** Factory Information Protocol  
**FIS:** Factory Information System  
**FLC:** Standard Automotive Industry Container available from Linpac Allibert  
**FM:** Frequency Modulation  
**FMEA:** Failure Mode and Effect Analysis  
**FMS:** Flexible Manufacturing System  
**FP:** Finite Planning  
**FPA:** Focal Plane Array  

**FTP:** File Transfer Protocol  
**GDP:** Gross Domestic Product  
**GEC:** Global Economic Commerce  
**GEM:** Generic Equipment Model  
**GPS:** Global Positioning System  
**HEC:** Hybrid Electric Vehicle  
**HOV:** High Occupancy Vehicle  
**HPPS:** High Performance Product Sector  
**HPV:** High Production Volume  
**HUD:** Heads Up Display  
**I/O:** Input Output  
**IC:** Integrated Circuit  
**ICE:** Internal Combustion Engine  
**IFO:** Income From Operations  
**ILEV:** Inherently Low Emission Vehicle  

**IMCS:** Inventory Management and Control System  
**IP:** Intellectual Property  
**IPPD:** Integrated Product and Process Development  
**IPR:** Intellectual Property Rights  
**IPT:** Integrated Product Team  
**IQR:** Inventory Quality Ratio  
**IR:** Infrared  
**IRM:** Integrated Resource Management  
**IS:** Information System  
**ISO:** International Standards Organization  
**IT:** Information Technology  

**ITS:** Intelligent Transportation System  
**JIS:** Just in Sequence  
**JIT:** Just in Time  
**KBE:** Knowledge-Based Engineering  

**KLT:** Standard Automotive Industry Container available from Linpac Allibert  
**KPI:** Key Performance Indicator  
**Kaizen:** means continuous improvement by small changes  
**Kanban:** is the authority to move or produce a part, based on its usage  
**Kansei:** means sense engineering  
**LC:** Low Cost  
**LCC:** Life Cycle Cost  
**LCD:** Liquid Crystal Display  
**LCPC:** Life Cycle Product Cost  
**LEV:** Low Emission Vehicle  
**LIFO:** Last In First Out  
**LVIS:** Layout Verification Systems  
**M&S:** Modelling and Simulation  
**MAP:** Manufacturing Automation Protocol  
**MBB:** Master Black Belt  

**MCS:** Manufacturing Control System  
**MDS:** Material Dominated Scheduling  
**MIS:** Management Information Systems  
**MMS:** Materials Management System  
**MPS:** Master Production Schedule  
**MRP:** Manufacturing Resource Planning  
**MSDS:** Material Safety Data Sheet  
**MTS:** Make To Stock  

**Muda:** "Waste" in Japanese  
**NC:** Numerical Control  
**NDC:** National Distribution Centre  
**NGO:** Non-Governmental Organization  
**NPI:** New Product Introduction  
**NPV:** Net Present Value  
**ODM:** Original Design Manufacturer  

**OEE:** Original Equipment Effectiveness  
**OEIC:** Optoelectronic Integrated Circuit  
**OEM:** Original Equipment Manufacturer  
**OLAP:** Online Analytical Processing (or Processing)  
**OLTP:** On Line Transaction Processing  
**OOP:** Out Of Production  
**OPT:** Optimized Production Technology  
**OTC:** On-Time delivery to Commit date  
**OTCR:** On-Time delivery performance to Customer Request Date  
**PA:** Power Amplifier  
**PAC:** Production Activity Control
<table>
<thead>
<tr>
<th>Acronym</th>
<th>Description</th>
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<tbody>
<tr>
<td>PDCA</td>
<td>Plan Do Check Act</td>
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<tr>
<td>PDM</td>
<td>Product Data Management</td>
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<tr>
<td>PERT/CPM</td>
<td>Program Evaluation and Review Technique/Critical Path Method</td>
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<tr>
<td>PERT</td>
<td>Project Evaluation and Review Technique</td>
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<tr>
<td>PGU</td>
<td>Power Generation Unit</td>
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<tr>
<td>PIM</td>
<td>Product Information Management</td>
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<tr>
<td>PIP</td>
<td>Partner Integration Process</td>
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<tr>
<td>PLM</td>
<td>Product Lifecycle Management</td>
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<tr>
<td>POM</td>
<td>Production/Operations Management</td>
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<tr>
<td>POOGI</td>
<td>Process of Ongoing Improvement</td>
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<tr>
<td>POS</td>
<td>Point of Sale</td>
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<tr>
<td>PP&amp;E</td>
<td>Property, Plant &amp; Equipment</td>
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<tr>
<td>PPM</td>
<td>Parts Per Million</td>
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<tr>
<td>PR</td>
<td>Process Reengineering</td>
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<tr>
<td>PWA</td>
<td>Printed Wiring Assembly</td>
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<td>PWB</td>
<td>Printed Wiring Board</td>
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<td>QA</td>
<td>Quality Assurance</td>
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<td>QC</td>
<td>Quality Control</td>
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<tr>
<td>QFD</td>
<td>Quality Function[al] Deployment</td>
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<td>QR</td>
<td>Quick Response</td>
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<tr>
<td>R&amp;D</td>
<td>Research and Development</td>
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<td>RCCP</td>
<td>Rough Cut Capacity Planning</td>
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<tr>
<td>RDC</td>
<td>Regional Distribution Centre</td>
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<tr>
<td>RDT&amp;E</td>
<td>Research, Development, Testing &amp; Evaluation</td>
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<tr>
<td>ROA</td>
<td>Return on Assets</td>
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<tr>
<td>ROI</td>
<td>Return on Investment</td>
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<td>ROIC</td>
<td>Return On Invested Capital</td>
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<td>RONA</td>
<td>Return On Net Assets</td>
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<tr>
<td>ROP</td>
<td>Reorder Point</td>
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<tr>
<td>RPI</td>
<td>Raw Product Inventory (components)</td>
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<tr>
<td>RPM</td>
<td>Rapid Response Manufacturing</td>
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<tr>
<td>RTD</td>
<td>Research and Technical Development</td>
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<tr>
<td>SCC</td>
<td>Supply Chain Council</td>
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<tr>
<td>SCM</td>
<td>Supply Chain Management</td>
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<tr>
<td>SCOR</td>
<td>Supply Chain Operations Reference model</td>
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<tr>
<td>SCR</td>
<td>Synchronized Customer Response</td>
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<tr>
<td>SD or STD</td>
<td>Standard Deviation</td>
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<tr>
<td>SIG</td>
<td>Special Interest Group</td>
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<tr>
<td>SIV</td>
<td>Signal Integrity Verification</td>
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<tr>
<td>SKU</td>
<td>Stock Keeping Units</td>
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<tr>
<td>SMART</td>
<td>Specific/Measurable/Ambitious/Realizable/Time-Phased</td>
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<tr>
<td>SMT</td>
<td>Surface Mount Technology</td>
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<tr>
<td>SOP</td>
<td>Standard Operating Procedure</td>
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<td>SOW</td>
<td>Statement of Work</td>
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<tr>
<td>SPC</td>
<td>Statistical Process Control</td>
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<tr>
<td>SPM</td>
<td>Standard Process Modules</td>
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<td>SPS</td>
<td>Standard Procurement System</td>
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<tr>
<td>SRM</td>
<td>Standard Reference Material</td>
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<tr>
<td>SWIFT</td>
<td>Simulated Work Input and Flow Time</td>
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<tr>
<td>SWOT</td>
<td>Analysis: Strengths, Weakness, Opportunity and Threats Analysis</td>
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<tr>
<td>T&amp;M</td>
<td>Tools and Methodology</td>
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<tr>
<td>TACT</td>
<td>Total Average Cycle Time</td>
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<tr>
<td>TCE</td>
<td>Temperature Coefficient of Expansion</td>
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<tr>
<td>TCM</td>
<td>Time Critical Manufacturing</td>
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<tr>
<td>TCM</td>
<td>Transportation Control Measures</td>
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<tr>
<td>TDC</td>
<td>Total Delivered Cost</td>
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<tr>
<td>TDM</td>
<td>Team Data Manager</td>
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<tr>
<td>TPS</td>
<td>Toyota Production System</td>
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<tr>
<td>TQC</td>
<td>Total Quality Control</td>
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<tr>
<td>TQM</td>
<td>Total Quality Management</td>
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<tr>
<td>TVA</td>
<td>Throughput Value Added</td>
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<tr>
<td>UC</td>
<td>Unit Cost</td>
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<tr>
<td>USL</td>
<td>Upper Specification Limit</td>
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<tr>
<td>VAD</td>
<td>Value Added Distribution</td>
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<td>VAN</td>
<td>Value Added Network</td>
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<tr>
<td>VE</td>
<td>Value Engineering</td>
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<tr>
<td>VMI</td>
<td>Vendor Managed Inventory</td>
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<tr>
<td>WBS</td>
<td>Work Breakdown Schedule</td>
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<tr>
<td>WCM</td>
<td>World Class Manufacturing</td>
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<tr>
<td>WIP</td>
<td>Work In Process</td>
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<tr>
<td>WMS</td>
<td>Warehouse Management System</td>
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<tr>
<td>ZEV</td>
<td>Zero Emissions Vehicle</td>
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