

Expertise at a Glance



Improvement Initiatives

Lean Manufacturing / Process Reviews

- Shop floor excellence review against lean principles
- Value stream / process mapping
- JPH (TAKT time) / station loading analysis
- Material and production planning and control
- Material Flow analysis
- Review of quick change practices
- Assistance with error proofing
- Visual factory management assistance (VFM)
- Continuous Improvement System Implementation
- Constraint identification and management

Quality Operating System Assessment/Support

- Performance feedback and measurement
- Quality planning
- Quality assurance activities
- Quality control activities
- Technical problem solving (Six Sigma)
- Continuous Improvement

Supply Chain Improvement

- Supply Chain Re-engineering and Optimization
- Inventory Management and Control
- Rapid Transportation Management
- Warehouse Optimization
- Supplier rationalization

Assessment

Manufacturing & Operations Risk Assessment

- Management structure, responsibilities and measurables
- Manufacturing capacity and capability
- Machine and equipment reliability
- Tooling and gauging assessment
- Preventative maintenance systems
- Quality systems
- Production control and logistics systems
- Production constraints
- Engineering Processing & Design
- Warranty Reviews
- Valuation
- BBK Ratings

Supply Chain Performance

- Order Management
- In bound transportation
- Material Flow & Production Scheduling
- Out bound distribution
- Inventory Management

Advanced Planning & Development

Program management

- Gantt and Pert Charts
- Gate reviews

Launch Readiness

- Manufacturing Plan
- Pre-production process mapping
- APQP
- Equipment delivery and installation tracking
- Run at rate (JPH)
- Supplier Readiness
- Containment management
- Ramp-up plan review and tracking

Greenfield/Brownfield Reviews

Supply Chain Design

- Network Design
- Site selection
- Material Flow Engineering
- Containerization and Cubing Optimization
- Strategic Sourcing

Pre-processing

Simulations

Process Validation