

FRAMEWORK FOR OPTIMIZATION IN PURSUIT OF EXCELLENCE

SIX SIGMA

1. Identify core processes and key customers
2. Define Customer requirements
3. Measure current performance
4. Prioritize, analyze, and implement improvements
5. Expand and integrated the Six Sigma system

LEAN Principles

1. Specify value by specific products
2. Identify value stream for each product
3. Make value Flow without interruption.
4. Let the Customer Pull value from the producer
5. Pursue perfection.

Cycle Time
Process Mapping
Outsourcing
Capacity Planning
Inventory Management
Strategic Cost Management
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Software Process Improvement
e-Diagnostics
Software Standards
Carnegie Melon Capability Model
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Suppliers QA
QS-9000
Sourcing Techniques
Capacity Management
Supply Chain Management
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Business Continuity Planning
Risk Assessment
Business Impact Analysis
Benchmarking
Total Predictive Manufacturing

OPERATIONS ANALYSIS

1. Surface perceived simmering issues
2. Determine Baseline performance measures
3. Research evidence of system/process capability
4. Engage players in recognition of shortcomings and costs
5. Present gap analysis, develop improvement hypothesis and improvement targets.

FIVE PILLARS

1. Organization
2. Orderliness
3. Cleanliness
4. Standardized Cleanup
5. Discipline

ISO 9001 2000

1. Establish your Quality Management System
2. Document your Quality Management System
3. Support Quality
4. Satisfy your Customers
5. Establish your Quality policy
6. Carry out Quality planning
7. Control your Quality system