

GSQA Return On Investment Information The Goodyear Tire & Rubber Company

GSQA helps Goodyear save over \$324k per year per plant. The areas of savings are listed below.

Manufacturing Savings Per Plant	Benefits Description
Reduced Inbound Material Quality Assurance	Reduced costs associated with lower levels of incoming raw materials testing. Testing reduced because of increased supplier confidence from continuous material compliance information. Savings include less test equipment and testing consumables.
Inventory Management	Online Advance Shipment Notification with On-The-Way, Shipment Received, or Released Status, with date procured, supports first-in first-out material management and increases production efficiency.
Production Scheduling Efficiency	Online Advance Shipment Notification provides material delivery dates supporting more accurate production scheduling, reducing line down time waiting for needed materials, and providing an increase in production efficiency.
COA and ISO/QS/TS Record Keeping and Compliance Costs	Online supplier entered COA data eliminates a plant's need to manually enter, file, and store COA data. Simplified record keeping and information accessibility supports supplier shipment tracking and materials traceability. Online information also reduces storage and archival costs.
Reduced Non-Conforming Material	Online shipment validation of material specification prior to materials being shipped by the supplier reduces wasted time and money dealing with out of specification material.
Reduced Waste	Reduced manufacturing waste caused by high material quality variability. Automatic SPC, P _{pk} and time trend analysis on incoming materials reduce unexpected results in the manufacturing process, reducing defects, unusable lots, wasted materials and associated disposal and reclamation costs.
Cost Recovery	Online Cost Recovery automation simplifies the ability to track and analyze the costs incurred because of a supplier's non-conformance and quality issues. These charges may be passed back to the supplier.
Corporate Quality Savings	
Supplier Quality Management	Corporate wide online real time view of all suppliers, CAR/CAP summaries, supplier performance and audit status simplify the management of suppliers worldwide. May also results in a reduction in documentation storage and archival costs.
Supplier Development	Corporate wide online real time view of all suppliers, CAR/CAP summaries, supplier performance and audit status simplify the management of suppliers worldwide. May also results in a reduction in documentation storage and archival costs.
Non-Conformance Management and Regulatory Compliance (ISO/QS 9000, TS 16949 and AS 9000)	Online management of CAR/CAP, Supplier Development, Audit and Statistical Analysis data reduce the manual generation, tracking, management and reporting of quality records required for ongoing ISO/QS/AS 9000 and TS 16949 compliance. Online information also reduces documentation storage and archival costs.
Supplier Communication Quality Manual	Online message of the day and automated supplier notification of CAR, Audit and Quality Manual events reduces mailings, faxes and email to suppliers
Supplier Rating and Ranking	Simplified supplier rating and ranking through online supplier quality performance summaries.
Engineering Savings	
Material Specification Management	Online material specifications management and testing requirements reduces costs in supplier communications and specification management.
Material Trends Analysis	Online real time analysis of material characteristics and trends across suppliers and regions simplify engineering's task of evaluating and modifying material specifications.