



Requirements of AS 9100



Questions we will cover today:

- What is AS9100?
- What are the requirements?
 - Section 4 General Requirements
 - Section 5 Management Responsibility
 - Section 6 Resource Management
 - Section 7 Product Realization
 - Section 8 - Measurement, Analysis & Improvement



The Process Model

The AS9100 Standard is a design for a Quality Management System based on The Process Model

- An organization is a system of interlinked processes
- The standard is geared at managing and improving those processes
- Key processes – those that lead to products and services- must be identified
- Methods to measure and control these processes must now be included



4.2 Documentation Requirements

- Quality management system documentation must include:
 - Documented procedures required by the standard
 - Documentation required by any applicable regulatory authorities
 - Documents required by the organization for effective operation and process control
 - Quality policy and objectives



7.2 Customer-Related Processes

- Determine customer requirements including:
 - Delivery and post-delivery activities
 - Product requirements not specified by the customer, but necessary for intended or specified use
 - Statutory and Regulatory
 - Contractual requirements



8.5 Improvement

- 8.5.3 Establish a preventive action procedure that includes:
 - Identifying potential nonconformities with the quality system, product, processes
 - Identifying root cause, action to take to prevent nonconformance
 - Implementing the action and following up to determine effectiveness of the action
 - Record results of preventive action



Appendix -AS9100 Key Requirements

§Competency, Awareness & Training (6.2)

- ú Review training records vs. plan (status)
- ú Examples of methods used to determine competence
- ú Review training certificates for certified personnel

§Configuration management (7.1.3)

- ú How is your CM process documented?
- ú How is the configuration identified in production areas?
- ú How do you control & document configuration changes?