

# **Supplier Quality Assurance Manual**

## **SQA 9000**

Revision A



# Revision History

<u>Revision Level</u>	<u>Effective Date</u>	<u>Description</u>
A	January 2010	Original Release

# **Alliance Fasteners**

## **SQA 9000 - Revision A**

Supplier Quality Assurance Requirements

### **Table of Contents**

-----	<b>Revision History</b>	
-----	<b>Table of Contents</b>	
1.)	<b>Introduction Section</b>	<b>1</b>
2.)	<b>Supplier Approval</b>	<b>1</b>
3.)	<b>Supplier Re-Approval</b>	<b>1</b>
4.)	<b>Supplier Performance Monitoring</b>	<b>1</b>
5.)	<b>Special Processors</b>	<b>1</b>
6.)	<b>General</b>	<b>2</b>
7.)	<b>Quality Records</b>	<b>2</b>
8.)	<b>Undetected Non-Conformance</b>	<b>2</b>
9.)	<b>Non-Conforming Scrap</b>	<b>2</b>
10.)	<b>PO Acceptance</b>	<b>2</b>
11.)	<b>Age Sensitive – Life Limited Parts</b>	<b>3</b>
12.)	<b>Document Control</b>	<b>3</b>
13.)	<b>Control of Alliance Fasteners Supplied Gages</b>	<b>3</b>
14.)	<b>Suppliers Minimum Requirements</b>	<b>3</b>

## 1. Introduction

This document applies when referenced on Purchase Orders or contracts issued by Alliance Fastener Co., Inc.

In the event that the purchase order or contract conflicts with the requirements of this document, the purchase order/contract requirement will supersede this document.

This document establishes Alliance Fastener quality system requirements for Suppliers that Manufacturers, Distributors, and Special Processors providing parts/services to Alliance Fasteners.

## 2. Supplier Approval

Documented evidence Supplier Form 570, of compliance to this document is required prior to production for all Manufacturers, Distributors, Special Processors, who supply Alliance parts.

## 3. Supplier Re-Approval

Supplier approval shall be re-evaluated at least every year by Alliance Fasteners. Re-approval will be subject to Quality analysis regarding the Supplier's quality performance history and/or any significant changes in the Supplier's Quality system per PM 2000.

Changes in the Supplier's quality system will require Alliance Fasteners Quality re-approval.

## 4. Supplier Performance Monitoring

Alliance Fasteners evaluates Supplier performance using a parts-per-million defective (PPM) calculation.  $PPM = \frac{\text{Number of defective units}}{\text{Number of units received during a given time period}} * 1,000,000$ . Performance rates where PPM is less than 10,000 are deemed acceptable. Alliance Fasteners may require formal Corrective Action from the supplier when the supplier's PPM exceeds 20,000.

## 5. Special Processors

Alliance Fasteners is adopting the Nadcap accreditation process as part of its control for all special process suppliers. It is the Suppliers responsibility to flow down this requirement to their special process suppliers.

It is the Supplier's responsibility to submit current Nadcap accreditation certificates to Alliance Fastener Quality Dept.; Alliance Fasteners must be notified regarding any change of certification status.

## **Alliance Fasteners**

## **SQA 9000 – Revision A**

Supplier Quality Assurance Requirements

It is the Supplier's responsibility to keep Alliance Fasteners informed as to which special process suppliers they are using.

### **SUPPLEMENTAL QUALITY REQUIREMENTS**

#### **6. General**

The Supplier shall guarantee right of access to their facilities and quality related data to regulatory authorities, Alliance Fastener's customer, and Alliance Fasteners. Access by Alliance Fastener's customers shall only be granted with sufficient prior notice to Alliance Fastener's and with Alliance Fastener's concurrence. This right of access shall extend to include all sub-tier and raw material Suppliers.

The supplier shall flow down to sub-tier suppliers all applicable requirements of this document or other purchase order requirements in the purchasing documents.

#### **7. Quality Records**

The supplier shall establish and maintain a record system to retain quality records for a minimum of six years after product shipment.

#### **8. Undetected Non-Conformance**

In the event a condition is discovered that affects previously delivered product, Alliance Fasteners shall be notified of the condition in the form letter which must include all pertinent information concerning the condition and the corrective action taken to prevent recurrence.

#### **9. Non-Conforming Scrap**

If there is non-conforming product manufactured for a specific FAA sub-contractor, material must be mutilated and discarded.

#### **10. PO Acceptance**

The Supplier shall provide documentation denoting acceptance for the purchase order/contract. This documentation must be signed by responsible supplier personnel and shall include the signatory's title and the current date.

## **Alliance Fasteners**

## **SQA 9000 – Revision A**

Supplier Quality Assurance Requirements

### **11. Age Sensitive – Life Limited Parts**

Parts shall be segregated and marked by manufacturing lot/cure date when shipped to Alliance Fasteners.

### **12. Document Control**

Document control procedures shall be established for Alliance Fastener drawings and specifications.

### **13. Control of Alliance Fasteners Supplied Gages**

Gage Control: The supplier is responsible for maintenance and repair of gages. The supplier is also responsible for calibration necessary to assure accuracy and conformation of gages.

### **14. Suppliers Minimum Requirements**

Suppliers must have the following minimum requirements from AS9100 as part of their Quality System:

- Clause 4.2.2      Quality Manual
- Clause 7.1        Planning of Product Realization
- Clause 7.4.3      Verification of Purchased Product
- Clause 7.5.1      Control of Production and Service Provision
- Clause 8.3        Control of Nonconforming Product

Prior to the Supplier producing or supplying parts, the supplier must comply with all SQA 9000 requirements.