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# Counterfeit Control Plan for Electrical, Electronic and Electromechanical Parts

Origination Date: XXXX

Document Identifier:	Counterfeit Control Plan for Electrical, Electronic and Electromechanical Parts
Date:	Latest Revision Date
Project:	Customer, Unique ID, Part Number
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Abstract:

This document describes the counterfeit control plan for electrical, electronic and electromechanical parts according to SAE AS6081.

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### REVISION LOG

Issue	Date	Comment	Author
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### DOCUMENT CHANGE RECORD

Issue	Item	Reason for Change

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## 1.0 Policy

The Company is committed to preventing the purchase, acceptance and distribution of fraudulent/counterfeit electrical, electronic and electromechanical parts. See Appendix 1 for process map.

## 2.0 Theory

The plan is intended to:

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

## 3.0 Definitions

- Counterfeit Material - [REDACTED]
- Counterfeit Part - [REDACTED]
- Fraudulent Material - [REDACTED]
- Suspect Material - [REDACTED]

## 4.0 Applicable Documents

The following documents of the latest issue on the date of contract form a part of this plan to the extent specified herein.

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4.1 ANSI/ESD S20.20, Protection of Electrical and Electronic Parts, Assemblies and Equipment

4.2 EIA/IPC/JEDEC/J-STD-002, Solderability Tests for Component Leads, Terminations, Lugs, Terminals and Wires

4.3 EIA/IPC/JEDEC/J-STD-033, Handling, Packing, Shipping and Use of Moisture/Reflow Sensitive Surface Mount Devices

4.4 FAA Form 8120-11, Suspected Unapproved Parts Report

4.5 ISO/IEC 17025, General Requirements for the Competence of Testing and Calibration Laboratories

4.6 NAS-410, Certification and Qualification of Nondestructive Test Personnel



[Redacted]



[Redacted]



[Redacted]

4.10 SAE/ARP6178, Fraudulent/Counterfeit Electronic Parts; Tools for Risk Assessment of Distributors

4.11 SAE/AS6081, Fraudulent/Counterfeit Electronics Part: Avoidance Detection, Mitigation, and Disposition Distributors

## 5.0 Requirements

### 5.1 Customer Related Contract Review, Agreement and Execution

- The Company discloses to its Customers in writing at the time of each individual quotation the source of supply and their subsidiaries or affiliates by company name and location if the source [Redacted]

[Redacted] will negotiate

an appropriate nondisclosure agreement with the Customer.

The Company:

- Issues a revised [Redacted] whenever [Redacted]
- Notifies Customers [Redacted]

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- Provides a product [REDACTED] and [REDACTED] will replace [REDACTED]

## 5.2 Supplier Approval and Source Selection

When the Company quotes parts to the Customer as having been sourced from an Authorized Distributor, the Company requires [REDACTED]

[REDACTED] objective evidence that may include [REDACTED] or other form of evidence acceptable to the Customer.

The Company:

- Assesses potential sources of supply to determine [REDACTED]
- Maintains a register of [REDACTED] for product liability
- Precludes purchasing [REDACTED] of such parts
- Procures only [REDACTED] with Supply Chain Traceability when the parts are available from [REDACTED]

## 5.3 Purchase Order Requirements

The Company communicates and documents contract provisions from its Customer that establishes [REDACTED]

[REDACTED] requirements to manage risk. Purchase orders also define [REDACTED] supply or traceability [REDACTED]

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- Traceability applies to [REDACTED]
- For each shipment, the Company provides [REDACTED]

### 5.5 Preservation of Product

The Company preserves the product during internal processing and delivery to the intended destination to maintain [REDACTED]

Preservation of product includes provisions for:

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

ESD sensitive devices are handled according to *ANSI/ESD S20.20*. The Company verifies that electrostatic discharge control is [REDACTED]

Items are considered nonconforming if [REDACTED]

[REDACTED] part marking relevant to [REDACTED]

### 5.6 Verification of Purchased Product

Verification tasks may be discontinued [REDACTED] unless otherwise noted in the contractual agreement. The OCM may be contacted to [REDACTED]

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Parts risk mitigation by the Customer may include

[REDACTED]

Certificates of conformance and other documentation are examined for authenticity and applicability to the delivered material, including:

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

Parts received are subjected to the following processes:

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

The Company verifies the authenticity of a purchased product according to:

- [REDACTED]

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- [REDACTED]
- [REDACTED]

### 5.6.1 Lot Sampling Plan

A standard lot is [REDACTED]  
[REDACTED] received in a given shipment (procurement lot) at [REDACTED]

A future shipment of devices of the same date code is considered [REDACTED]  
[REDACTED] followed by a  
suspect shipment of [REDACTED]  
[REDACTED]

A lot is also a quantity of [REDACTED]  
[REDACTED] while a lot  
from stores may [REDACTED]

If parts are received in tape and reel and/or multiple packages, parts are [REDACTED]  
[REDACTED]

Test samples are selected at random according to sampling plan provided in  
**AS6081**; however, for lots with mixed date codes, the items are [REDACTED]  
[REDACTED] from the total  
population. [REDACTED]  
[REDACTED]

In the event the Company subcontracts inspections and tests to an independent  
third party test laboratory, the Company:

- [REDACTED]
- [REDACTED]

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### 5.7 Control of Nonconforming Product

The Company ensures products that do not conform to requirements are [REDACTED]

NOTE: The term “nonconforming product” includes [REDACTED]

The Company acts upon any reported information of nonconforming product with respect to [REDACTED]

[REDACTED] information according to Reporting requirements specified herein. Parties requiring notification of nonconforming product include [REDACTED]

Actions include [REDACTED]

When nonconforming product is corrected (e.g., [REDACTED]), it is subject to [REDACTED] Material Control specified herein.

### 5.8 Material Control

The Company:

- Controls nonconforming parts to [REDACTED]
- Controls suspect or confirmed fraudulent/counterfeit parts to [REDACTED]

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- Does not [REDACTED]

The Company controls suspect materials according to the following policies:

- The Company and Supplier establish [REDACTED]

- Notify the Supplier of [REDACTED]

the following information:

under which material was supplied

-Quantity to be returned

- [REDACTED]
- [REDACTED]
- Suspect counterfeit parts are not [REDACTED]

The Company mutilates scrap parts and materials to prevent their use. Mutilation is not limited to [REDACTED]

## 5.9 Returned Product

The following applies to product not found to be [REDACTED]

Parts are returned with:

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

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- [REDACTED]

Returns are not delivered [REDACTED]

[REDACTED] include copies of the original paperwork.

### 5.10 Reporting

All occurrences of suspect, fraudulent and confirmed counterfeit parts are reported within [REDACTED]

The Company supplies a summary report of all inspection and test results for each lot in advance of [REDACTED]

### Summary Report for Subcontracted Inspection and Test Results

The Company compiles all subcontracted inspection and test reports/data into [REDACTED] structured as follows:

- [REDACTED]
- [REDACTED]

### 5.11 Personnel Training and Certification

Relevant personnel are trained (as appropriate to their function) in the avoidance, detection, mitigation and disposal of suspect, fraudulent and counterfeit parts. Additionally, all personnel involved with the direct handling of electronic parts are [REDACTED]

Employees are trained to examine parts for:

- [REDACTED]

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The Responsible Authority for the area being audited ensures [REDACTED]  
[REDACTED]  
[REDACTED] Follow-up activities  
include [REDACTED]

### 5.13 Risk Mitigation

The Company performs risk assessment of Suppliers according to *SAE ARP6178*  
to assess their capability to [REDACTED]  
[REDACTED]

Supplier assessment includes:

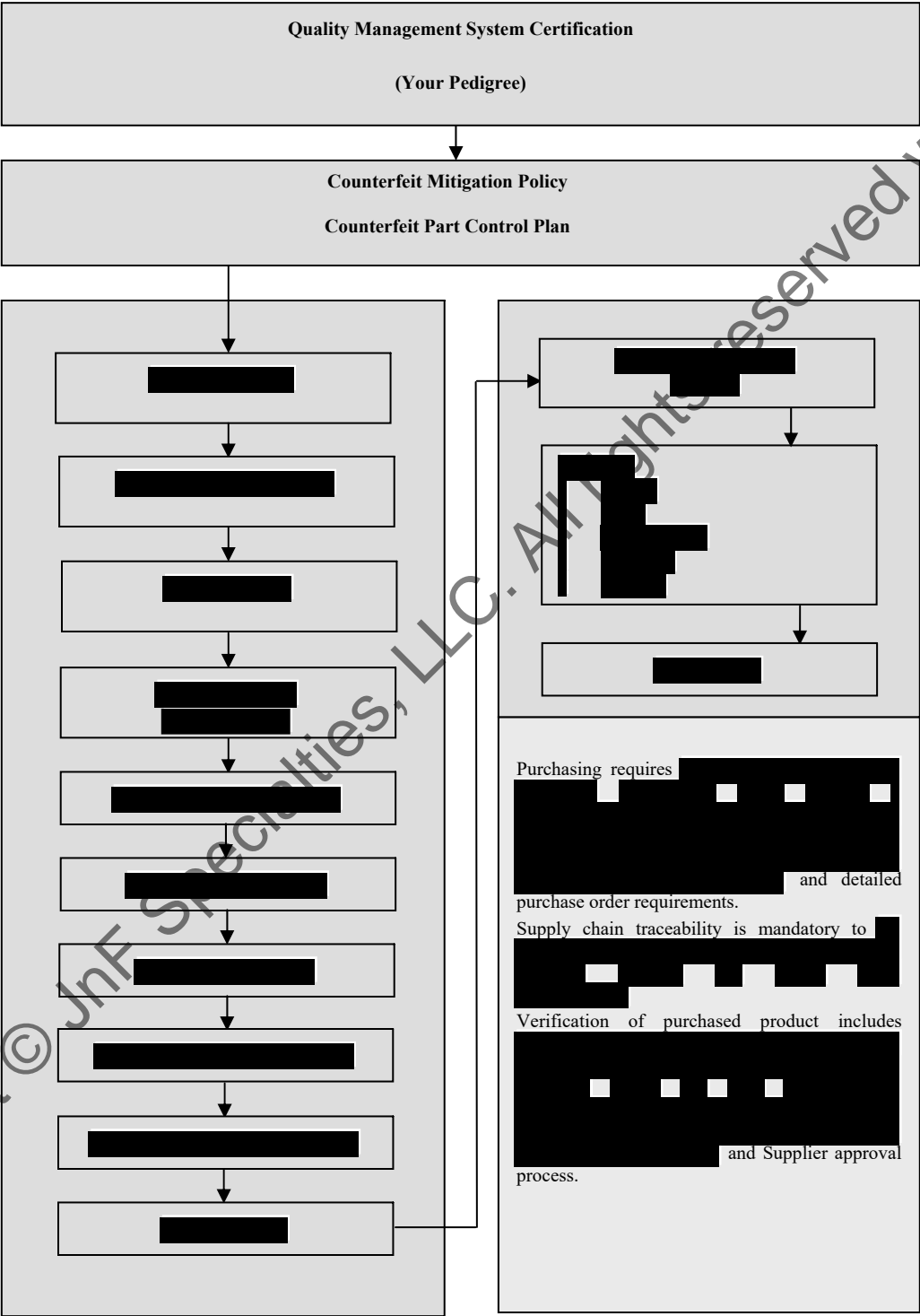
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

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Appendix 1: AS6081 Counterfeit Control Plan Process Map







## Your Logo

## Supplier Evaluation and Status

**Supplier Name:****Commodity:**

***Supplier is Approved if Part I criteria is met.***

## Part I

- ☐ [REDACTED]
- ☐ [REDACTED]
- ☐ [REDACTED]
- ☐ [REDACTED]

***If Part I criteria is NOT met, Supplier must be evaluated under Part II.***

## Part II

Evaluator: check the boxes below for each criterion evaluated. Attach evidence where indicated.

***At least three criteria must***

\_\_\_\_\_

## Part III

☐ \_\_\_\_\_  
☐ \_\_\_\_\_

## RESULTS OF INITIAL EVALUATION AND SUPPLIER STATUS

(Ref. Counterfeit Control Plan)

☐ [REDACTED] ☒ [REDACTED] ☐ [REDACTED]

Initial evaluation date: \_\_\_\_\_

Initial evaluation by: \_\_\_\_\_

## RESULTS OF RECEIVING INSPECTION OR SERVICE FEEDBACK

**Purchase Order Number**

## Request for Support Number

☐ Supplier is [REDACTED] ☐ Supplier [REDACTED]

1. **Identify the main topic of the text.**  
 2. **Summarize the main points of the text.**  
 3. **Identify the author's purpose in writing the text.**  
 4. **Identify the author's tone in writing the text.**  
 5. **Identify the author's main argument.**  
 6. **Identify the author's main evidence.**  
 7. **Identify the author's main conclusion.**  
 8. **Identify the author's main conclusion.**  
 9. **Identify the author's main conclusion.**  
 10. **Identify the author's main conclusion.**

## NOTES

☐ Counterfeit      ☐ Calculated Risk Release

DATE RECEIVED: \_\_\_\_\_

OF

[illegible]

Review or Verify and Document Effectiveness of Action(s) Taken. Record source of objective evidence (training records, revised procedures):			
Originator Name – Date	Notify Customer – Date	Notify GIDEP – Date	Notify ERAI – Date
Notify FAA – Date	Notify Purchasing – Date	Notify Supplier – Date	Notify Manufacturer – Date
ACN=Advance Change Notice; ICAR=Investigation and Corrective Action Request; EO=Engineering Order			

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