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# Counterfeit Control Plan ford worldwide Electrical, Electronic and Electromechanical Page 1

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Project:	Customer, Unique ID, Part Number
Document Status:	Draft, Redline, Released, Obsolete

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

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## **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:

#### **Definitions** 3.0

- Counterfeit Material -
- Counterfeit Part -
- Fraudulent Material -
- Suspect Material -

## **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
- EIA/IPC/JEDEC/J-STD-002, Solderability Tests for Component Leads nations, Lugs, Terminals and Wires 4.2 Terminations, Lugs, Terminals and Wires
- EIA/IPC/JEDEC/J-STD-033, Handling, Packing, Shipping and Use 4.3 Moisture/Reflow Sensitive Surface Mount Devices
- 4.4 FAA Form 8120-11, Suspected Unapproved Parts Report
- ISO/IEC 17025, General Requirements for the Competence of Testing and 4.5 Calibration Laboratories
- NAS-410, Certification and Qualification of Nondestructive Test Personnel 4.6



- 4.10 SAE/ARP6178, Fraudulent/Counterfeit Electronic Parts; Tools for Risk Assessment of Distributors
- Fraudulent/Counterfeit 4.11 SAE/AS6081, Avoidance Electronics Part: Detection, Mitigation, and Disposition Distributors

#### Requirements 5.0

#### 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

will negotiate

an appropriate nondisclosure agreement with the Customer.

The Company:

Issues a revised

whenever

**Notifies Customers** 

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Provides a product
 and
 will
 replace

## 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

objective evidence that may include or other form

of evidence acceptable to the Customer.

#### The Company:

- Assesses potential sources of supply to determine
- Maintains a register of

for product liability

• Precludes purchasing

of such parts

with Supply Chain Traceability when the parts

• Procures only

are available from

## 5.3 Purchase Order Requirements

The Company communicates and documents contract provisions from its Customer than establishes

requirements to manage risk. Purchase orders

also define

supply or traceability

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by the Customer and made

prior to shipping parts.

Purchase orders are prepared to require the Supplier to:

- •
- •
- •
- •
- •
- Provide test reports that contain:
  - •
  - •
  - •
  - •
  - •

## 5.4 Supply Chain Traceability

The Company requires an unbroken chain

that the material has not for any reason.

Company records provide

for all procurement

to the direct source of the product for the

Supplier.

• Supply chain traceability records are

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• Traceability applies to

• For each shipment, the Company provides

#### 5.5 Preservation of Product

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

Preservation of product includes provisions for:

- •
- •
- •
- •

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

Items are considered nonconforming if

part marking relevant to

# 5.6 Verification of Purchased Product

Verification tasks may be discontinued

unless otherwise noted in the contractual

agreement. The OCM may be contacted to

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Parts risk mitigation by the Customer may include

Certificates of conformance and other documentation are examined for authenticity

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

Parts received are subjected to the following processes:

- •
- •
- •

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

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5.6.1 Lot Sampling Plan A standard lot is received in a given shipment (procurement lot) at A future shipment of devices of the same date code is considered followed by a suspect shipment of A lot is also a quantity of while a lot from stores may If parts are received in tape and reel and/or multiple packages, parts are Test samples are selected at random according to sampling plan provided in AS6081; however, for lots with mixed date codes, the items are from the total population. In the event the Company subcontracts inspections and tests to an independent third party test laboratory, the Company:

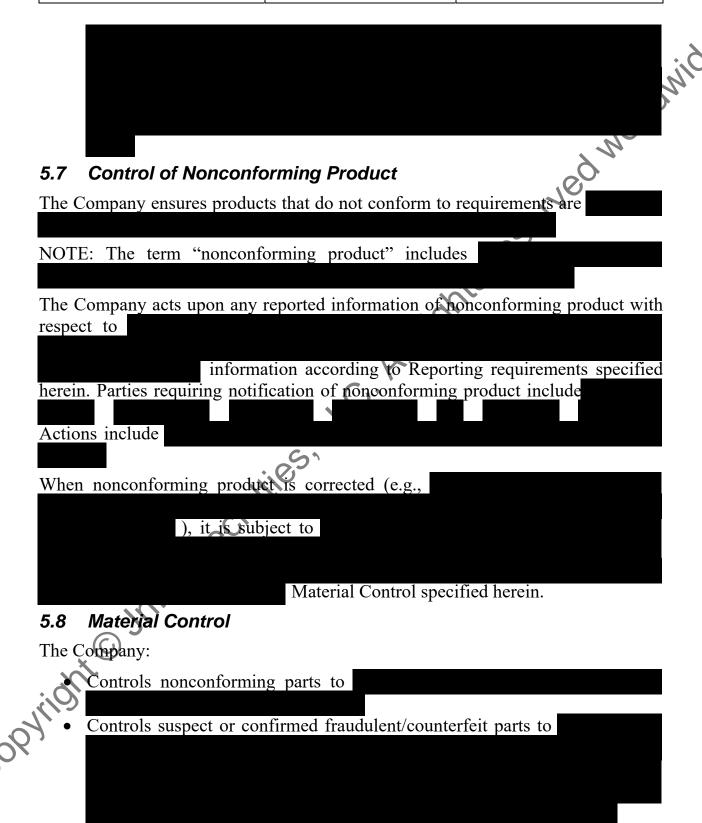
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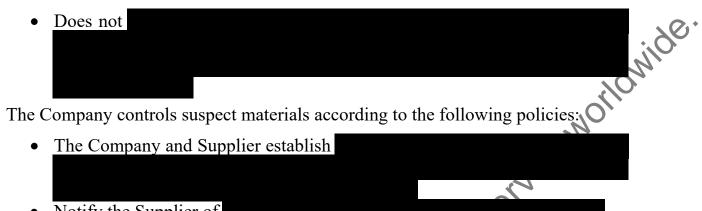


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- Notify the Supplier of

the following information:

under which material was supplied

- -Quantity to be returned
- Suspect counterfeit parts are not

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

#### **Returned Product** 5.9

The following applies to product not found to be

Parts are returned with:

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•

Returns are not delivered

include copies of the original

paperwork.

## 5.10 Reporting

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

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

## **Summary Report for Subcontracted Inspection and Test Results**

The Company compiles all subcontracted inspection and test reports/data into

structured as follows:

•

## 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

Employees are trained to examine parts for:

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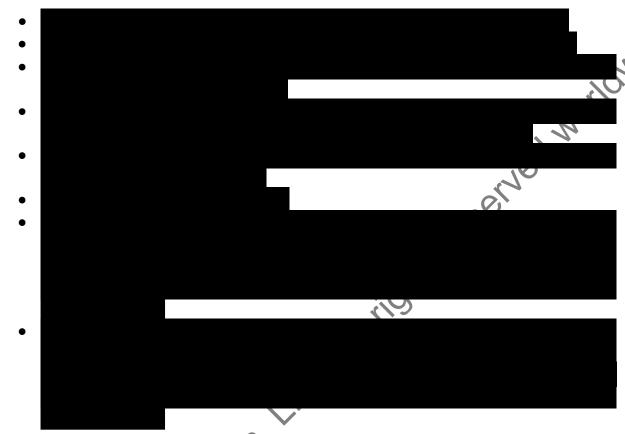
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#### 5.12 Internal Audit

The Company conducts internal audits at planned intervals to determine whether the counterfeit control program:

- •
- An audit program is planned that takes into consideration

The selection of auditors and conduct of audits ensures

A documented procedure is established to define the responsibilities and requirements for planning and conducting audits, establishing records and reporting results. Records of audits and their results are maintained.

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The Responsible Authority for the area being audited ensures

Follow-up activities

include

## 5.13 Risk Mitigation

The Company performs risk assessment of Suppliers according to SAE ARP6178 to assess their capability to all rights reserv

Supplier assessment includes:

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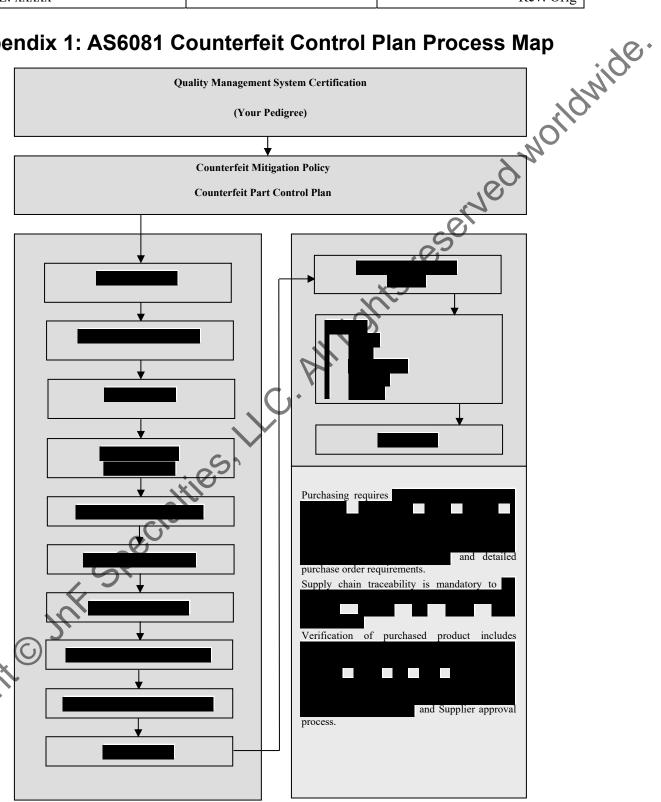
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## **Appendix 1: AS6081 Counterfeit Control Plan Process Map**



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	Document Identifier: Counterfeit Control Plan	
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	Project: Customer, Unique ID, Part Number	
	Document Status: Draft, Redline, Released, Obsolete	

Abstract:

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#### **Policy** 1.0

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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:



#### 3.0 Scope

This procedure supports Customer requirements, AS5553 Section 4 (Counterfeit Electronic Parts; Avoidance, Detection, Mitigation, and Disposition) and AS6174 Section 3 (Counterfeit, Materiel; Assuring Acquisition of Authentic and Conforming Materiel).

This procedure is applicable to

#### **Definitions** 4.0

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Fraudulent Materia

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- **OEM**
- Suspect Materia

5.0 Applicable Documents

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



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#### 6.0 Requirements

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For purposes of this procedure, the term "goods" consists of "Counterfeit goods" are defined as: 6.1.1 Suppliers shall establish and maintain a Counterfeit Parts/Material Prevention and Control Plan using A\$5553 (Reference elements of Section 4) and/or A\$6174 (Reference elements of Section 3) to ensure The purpose of the control plan shall be to 6.1.2 Suppliers shall only purchase These products shall have Page

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goods shall be subjected to
Written notice is not required for
6.1.3 Supplier shall provide
0.1.3 Supplier shall provide
Supplier shall provide
Supplier shall have
6.1.4 Supplier shall include
6.1.5 Suppliers eligible for utilization of the Government-Industry Data Exchange
Program ("GIDEP") shall utilize the GIDEP process to alert the industry of
encountered counterfeit parts.
6.1.6 Supplier shall ensure
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## **Purpose of this Document**

The purpose of this document is to describe the procedure for preventing the purchase and/or use of counterfeit electronic and non-electronic parts and materials using the applicable requirements outlined in the Reference Documents listed in 3.0 below.

Application

This document applies to procurement activities where applicable.

Reference Document 1.1

## 2.0

3.4

2.1

#### 3.0

3.1 3.2

3.3

**Definitions and Acronyms:** 4.0

4.1 Suspect Part/Material

4.2 Fraudulent Part/Material

4.3 Counterfeit Part/Material

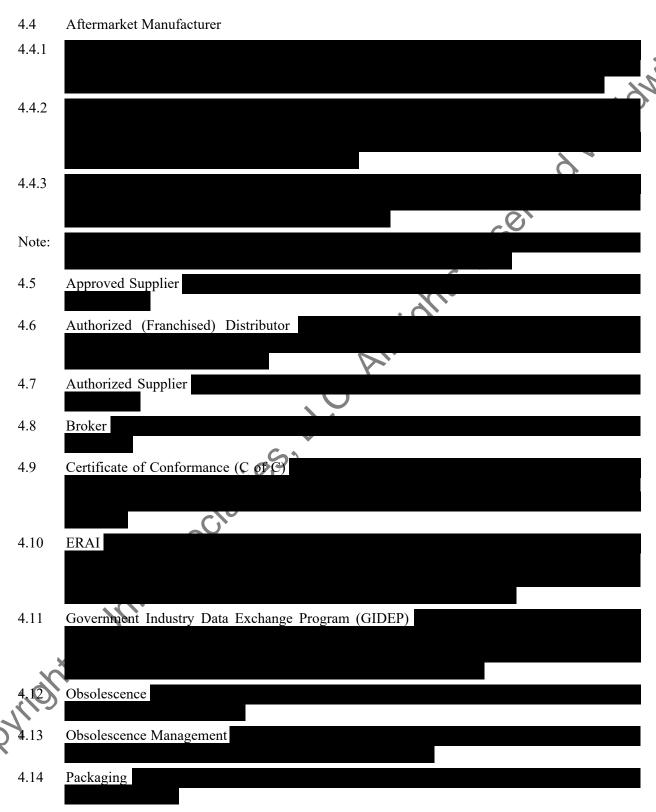
The Counterfeit Parts and Materials include but are not limited to:

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4.15	Refinished
4.16	Refurbished
4.17	Up-rated
4.18	Up-screened
4.10	
4.19 Note:	Used
5.0	Training
5.1	Selected employees, which may include
	to will be trained, as appropriate
5.1.1	Presentations based on AS5553 (including Appendixes A through F), IDEA STD 1010 and SAE AS6174 will
5.2	Refresher training will occur for
5.3	Appropriate new hires will be
5.4	Training will be
6.0	Responsibility
6.1	All employees
	may have specific roles and/or actions as it relates to complying with the requirements identified in this document.
6.2	Engineering is responsible to
6.3	Purchasing is responsible to
6.4	Material Planning may be responsible to
6.5	Quality Assurance is responsible for

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<i>C C</i>	Quality Assurance Dynahosing Sales and Engineering are recognized for
6.6	Quality Assurance, Purchasing, Sales and Engineering are responsible for as described below:
•	
	· · · · · · · · · · · · · · · · · · ·
6.6.3	Purchasing will investigate
0.0.3	Furchasing will investigate
6.6.4	Sales will notify
6.7	Purchasing is responsible to
6.7.1	On all purchase orders:
	"Counterfeit Parts Avoidance:
6.7.2	
0.7.2	On distributor and electronic parts purchase orders:
	"
7.0	Procedure / Process Description
7.1	Purchasing must evaluate
(10)	and/or a review of
7.2	Purchasing will obtain
	(These companies are reviewed
	.)

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7.2.1	Parts/materials obtained from approved distributors, authorized resale organizations and franchised aftermarket Suppliers will
7.2.2	If an approved distributor, authorized resale organization or franchised aftermarket Supplier
7.2.3	The Company will
7.2.4	If Customer approval is granted,
7.2.5	Documented approval from
7.3	Parts/materials shall not
7.3.1	Purchasing may procure parts from
7.3.2	Prior to buying parts from these sources, Purchasing must
7.3.3	Documented approval from the Customer will be
7.4	Some Customers maintain a list of  Many Customers are
7.5	Purchasing will develop a process to  Assurance may be
7.6	Purchasing will flow down requirements from compliant
7.7	Purchasing will assess the risk if parts must be procured from
7.8	If parts are purchased from a Supplier
7.8.1	Purchasing will code the order for

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7.8.2	Incoming inspection will
7.8.3	Additional inspection, testing and analysis will
	be done when by an authorized
7.8.4	Identified suspect, fraudulent or counterfeit parts are documented in and are identified after acceptance
7.8.5	Purchasing will aid Supplier Quality to
7.8.5.1	Parts must to prevent them
	Samples may be
7.8.5.2	Purchasing and Quality determine
8.0	Reporting
8.1	All occurrences of suspect and/or fraudulent/counterfeit parts must
	Management determines
	with the
8.2	Management is responsible to
	immediately if the
	Company
8.3	Guidelines for Reporting Counterfeit Parts are listed in Appendix G of the AS5553 Standard. Management is responsible to
	fraudulent/counterfeit parts. Appendix G of the AS5553 Standard lists the contact information.
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3.0	Records

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