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## WORK INSTRUCTION AND INSPECTION

**Document:** WII 14.17  
**Revision:** 4  
**Responsible:** Purchasing

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**Title:** Counterfeit Parts/Materials Avoidance, Detection, Mitigation and Disposition

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**Process Organization:** SP 14 - Purchasing and Procurement

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### Document

#### 1 PURPOSE

1.1 This procedure establishes the control practices used for counterfeit parts /materials avoidance, detection, mitigation and disposition.

#### 2 APPLICABILITY

2.1 This procedure addresses supplied components and materials utilized by Allied Motion for incorporation into finished products supplied to our customers.

#### 3 DEFINITIONS

**Counterfeit part/materials** - an unlawful or unauthorized reproduction, substitution or alteration that has been knowingly mismarked, misidentified, or otherwise misrepresented to be authentic, unmodified part /material from the original manufacturer or a source with the express written authority of the original manufacturer or current design activity, including an authorized aftermarket manufacturer. Unlawful or unauthorized substitution includes used parts represented as new, or the false identification of grade, serial number, lot number, date code, or performance characteristics.

**Electronic part** - an integrated circuit, a discrete electronic component (Including, but not limited to, a transistor, capacitor, resistor, or diode), or a circuit assembly. The term "electronic part" includes any embedded software or firmware.

**Obsolete part/material** - part or material that is no longer in production by the original manufacturer or an aftermarket manufacturer that has been provided express written authorization from the current design activity or original manufacturer.

**Suspect counterfeit part/material** - part or material for which credible evidence (Including, but not limited to, visual inspection or testing) provides reasonable doubt of authenticity.

## 4 RESPONSIBILITY

- 4.1 The Materials Manager is responsible for ensuring this procedure is communicated as needed, understood and complied with. The Materials Group is the first line for avoidance/prevention. Receiving Inspection is responsible for identification, validation, verification, documentation and testing as necessary.

## 5 PROCEDURE

- 5.1 IAW AS5553 and AS6174, Original Equipment Manufacturers (OEM), Original Component Manufacturers (OCM) or their authorized distributors/aftermarket Manufacturers or suppliers that obtain parts/materials from these sources are intended to be utilized for products and components supplied to Allied Motion for incorporation into products supplied by Allied to our Customers. Assessment of potential sources of supply to determine the risk of receiving counterfeit parts is achieved through supplier surveys, auditing the supplier, reviewing product alerts (GIDEP) and supplier quality performance history analysis.

When parts are not available from any of these sources, use of suppliers that meet applicable counterfeit detection and avoidance system criteria may be utilized. Supplier Selection and Approval will be utilized to coordinate the necessary activities which will include AS9102 FAI/PPAP approvals. Supplier and corresponding part number approvals are maintained.

This approach of supplier selection mitigates associated risks for Counterfeit componentry/materials receipt by Allied, therefore protecting Customers and further eliminate the proliferation of counterfeit components and materials.

Direct Suppliers have had requirements flowed down and understand their role in counterfeit part prevention program per SPM 14.02.

- 5.2 Parts and materials are traceable per WII 13.07 Product Identification and Traceability.
- 5.3 If a concern for counterfeit parts, suspect counterfeit parts or materials becomes evident, material quarantine will be coordinated by Allied Procedure WII 13.05 Control of Nonconforming Material and reporting will occur to the Contracting Officer. Counterfeit parts, suspect counterfeit parts or materials will not be returned to the seller or otherwise returned to the supply chain.

The parts or material in question will be validated for authenticity via OEM, OCM or authorized distributor/aftermarket manufacturer testing, or 3<sup>rd</sup> party certified laboratory.

- 5.4 Counterfeit Parts/Material avoidance, detection, mitigation and disposition requirements are flowed down through the Allied supply chain via SPM 14.02 Supplier Quality Manual and PO.

### Revision Log

Revision	Description	Authorization	Date
1	Initial Release	Steve Strickland	11/1/2017
2	Revised to remove GIDEP Requirements	Chad Bryan	2/5/2019
3	Revised to add AS 6174 requirements	Leighton Brookins	8/4/2020
4	Revise to reflect current procedures	Billy Rahaim	8/29/2022