


LTR	DESCRIPTION	DATE	APVD
A	004159	04/30/03	RJL
B	004223	12/17/04	RJL
C	004411	08/29/08	RJL
D	004418	11/25/08	RJL
E	004722	03/26/10	RJL
F	004730	08/11/10	RJL
G	004525	03/25/11	RJL
H	004540	03/23/12	RJL
J	004545	12/12/12	RJL
K	004616	09/25/15	RJL
L	004674	02/18/16	RJL
M	005203	12/15/17	RJL
N	005206	01/16/18	RJL
P	006016	05/11/20	RJL

Supplier Quality Provisions

**NOTICE**

**Any revision to this flysheet must be forwarded to FRC Corporation Web Developers for replacement of version available via internet.**

				PALM BAY, FL. (57996) MASON CITY, IA. (CAGE OWYL6)	
PREP	R.J. LOGAN	Supplier Provisions Fly Sheet			
DATE	12/05/2001				
APVD	S.Y. RAJI	SIZE A		DWG. NO FRCP-0001	REV LTR P
DATE	12/05/2001				
SHEET 1 OF 11					

**1.0. PURPOSE**

1.1. This document defines the provisions required by the FRC Corporation Quality System as a means of satisfying the requirements of AS9100.

**2.0. RESPONSIBILITIES**

- MATERIELS: Shall participate in the analysis and creation of needed provisions and this document, and assure that all suppliers receive the current revision.
- QUALITY: Shall participate in the analysis and creation of needed provisions and this document, and maintain the document.
- SUPPLIER: Shall read and understand the provisions as they apply to the contracts entered into with FRC Corporation, and adhere to the requirements imposed when satisfying the contracts.

**3.0. GENERAL**

- 3.1. Group "A" requirements shall be considered an addendum to all supplier purchase orders of direct materials and services without being referred to by number on the purchase order.
- 3.2. Group "B" requirements are specific to either a product or service provided by some suppliers and do not apply to all suppliers for this reason. When these products or services are a part of the purchase order, group "B" requirements shall be referred to on the purchase order.
- 3.3. Any exceptions to applicable requirements contained in this document must be authorized in writing by FRC Purchasing. Any approved exceptions must be retained for later possible review by FRC, their customer or an applicable regulatory agency.

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#### 4.0. GROUP "A" REQUIREMENTS

##### A1 RIGHT OF ACCESS

The supplier shall afford the right of access by FRC, their customer and any applicable regulatory agencies to all facilities, at any level of the supply chain, and quality records involved in the fulfillment of the applicable purchase order.

##### A2 CHANGES IN PRODUCT OR PROCESS

The supplier is responsible to notify FRC of any changes in product and/or process, or in the location of manufacture. Changes in design must be approved by FRC before fulfillment of purchase order requirements.

##### A3 FLOW DOWN OF REQUIREMENTS TO SUBCONTRACTOR

The supplier shall flow down to sub-tier suppliers all applicable requirements contained in any FRC purchase order and the applicable provisions in this flysheet, including requirements for key characteristics when required.

##### A4 SPC DATA REQUIREMENTS

Inspection and/or test of products shall be accomplished using statistical techniques for acceptance criteria. When key characteristics exist on a design required by an FRC purchase order, variable data on the key characteristic in the form of a control chart shall be included with the product upon shipment.

##### A5 MATERIAL SAFETY DATA SHEETS (when applicable)

When raw materials are ordered by FRC, the first shipment shall contain a copy of the material safety information in the form of a Material Safety Data Sheet (MSDS) or Safety Data Sheet (SDS).

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**A6 CERTIFICATE OF COMPLIANCE**

Product supplied to FRC must be accompanied by a certificate of compliance in the English language that contains the following information, as applicable to the product ordered:

1. Supplier name and address.
2. Purchase order number and line item when applicable.
3. Statement that product conforms to the purchase order requirements.
4. Reference to any applicable commercial or military standard and indication of compliance. *\*See note below*
5. Original manufacturer name and part number (when the supplier is not the manufacturer).
6. Part number and revision.
7. Lot number, serial number or date code (when applicable).
8. Environmental storage conditions (when applicable).
9. Date of manufacture and/or cure date (when applicable).
10. Shelf life expiration date (when applicable).
11. Date of shipment and authorized evidence of approval from company official.

*Note: If certificate applies to a manufacturer part number qualified by the customer through the design specification (e.g. specific manufacturer and part number are approved for use by the customer), standards would be traceable through this qualification and reference to the manufacturer part number would satisfy the requirement.*

**A7 ORDERS OF RAW MATERIAL**

Refer to provision A6 for the context of this requirement.

**A8 RETENTION OF QUALITY RECORDS**

Inspection and test records for products sold to FRC shall be retained for a period of no less than 12 years.

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**A9 NONCONFORMING PRODUCT NOTIFICATION AND APPROVAL**

When non-conforming product is identified, suppliers to FRC are responsible to:

- Notify FRC of the existence of non-conforming product.
- Obtain organizational approval through FRC for any nonconforming product disposition.

**A10 GUARANTEE OF PRODUCT SOURCES AND TRACEABILITY**

When product is source controlled through the purchase order, the seller shall ensure that only new and authentic materials are used in products sold to FRC. The seller may only purchase parts directly from Original Component Manufacturers (OCMs), OCM franchised distributors, or authorized aftermarket manufacturers (see note below). The seller shall maintain supply chain traceability that ensures tracking of the supply chain back to the manufacturer.

Note: Use of product that was not provided by these sources can be authorized by FRC if requested and approved in writing. The seller must present compelling support for its request (e.g. OCM documentation that authenticates traceability of the parts to the OCM), and include in its request all actions to ensure the parts thus procured are authentic/conforming parts.

**A11 COUNTERFEIT RISK MITIGATION**

Suppliers of electrical parts or assemblies shall maintain a method of compliance with the current revision of SAE AS 5553, Counterfeit Electronic Parts: Avoidance, Detection, Mitigation and Disposition”.

**A12 ISO-9001 QUALITY SYSTEM COMPLIANCE**

At a minimum, all suppliers are to be compliant with the latest version of AS9100 or ISO-9001 unless they have obtained another appropriate certification for their business.

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### A13 CUSTOMER DESIGN FLOW DOWN

Some or all purchase orders may be utilized for FRC Top Level Product Customers to include but not limited to Honeywell International or Rockwell Collins. If the order references a design that originates from one of our customers that customer is considered the design authority for that product and the necessary controls for maintaining the integrity of this authority is required.

### A14 HONEYWELL SPOC FLOWDOWN

When Honeywell is identified as the top level customer the following Honeywell SPOC requirements will be applicable based on the category of product supplied. Details of the individual SPOC Requirements will be supplied by FRC Purchasing.

Supplier Category	Honeywell SPOC Requirements Flowed Down
Manufacturer with Design Authority	SPOC sections 1.0 and 2.0; 100, 124, 127, 128, 129, 130, 142, 154, 165, 200, 267, 354, 418, 419
Manufacturer without Design Authority (may include specification control drawings that call out specific dimensions, processing methods, etc.)	SPOC sections 1.0 and 2.0; 100, 124, 127, 128, 129, 130, 142, 154, 165, 200, 267, 354, 418, 419
Standard and/or Catalog Hardware	SPOC sections 1.0 and 2.0; 100, 142, 200, 267, 354, 418, 419

### A15 DETECTION AND CONTROL OF FOD

Suppliers shall document and implement a program for the prevention, detection, and removal of Foreign Object Damage/Foreign Object Debris (FOD), and assure that product supplied to FRC is free from any foreign materials that could result in FOD.

For additional information regarding FOD prevention, refer to National Aerospace Standard AS 9146, Foreign Object Damage (FOD) Prevention Program. The AS9146 document may be used as a baseline FOD prevention resource.

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**A16 EMPLOYEE AWARENESS OF ETHICS AND SAFETY**

Suppliers shall communicate to their employees the importance of ethical behavior with regard to activities performed for satisfaction of customer requirements, as well as their contribution to product conformity and safety.

**A17 WORKING CONDITIONS AND HUMAN RIGHTS**

Seller shall commit to providing a safe and secure working environment and the protection and advancement of basic human rights. Seller shall adopt and enforce these concepts in its operations and in a manner that is fully compliant with all applicable laws and regulations pertaining to fair wages and treatment, freedom of association, personal privacy, collective bargaining, workplace safety and environmental protection. Any material violation of law by Seller relating to basic working conditions and human rights, including laws regarding slavery and human trafficking of the country or countries in which Seller is performing work under this Purchase Order, may be considered a material breach of this contract for which the Buyer may choose to cancel any open orders between Buyer and Seller, for cause. Seller shall include this clause, or the substance of this clause, in all subcontracts awarded by Seller under this Purchase Order.

**5.0. GROUP “B” REQUIREMENTS**

**B1 APPROVED PROCESS SOURCE REQUIRED**

Approved sources exist for a process required by this product and it must be completed by one of them. A list of sources is available from FRC purchasing if it has not already been provided. A certificate of compliance is required with the shipment listing the process completed, process source, and date of completion. A separate certificate of compliance from the process source can be provided as an alternative.

**B2 FIRST ARTICLE INSPECTION REPORT (FAIR) REQUIRED**

Refer to provision B3 for the context of this requirement.

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**B3 AS9102 FIRST ARTICLE INSPECTION REPORT (FAIR) REQUIRED**

A first article inspection of a single sample containing all listed mechanical and electrical parameters and results of inspection, in conjunction with traceable material certificates of compliance (and lab reports when applicable), documented on AS9102 compliant forms and in accordance with the AS9102 standard are required to be included with the shipment.

**B4 SPECIFIC INSPECTION OR TEST DATA REQUIRED**

Inspection or test data of listed parameters based on listed sampling plan shall be required in the form of a report to be included with the shipment.

**B5 TEST SPECIMEN(S) REQUIRED**

Test specimen(s) shall be provided per requirements on purchase order for the purpose of approval, inspection, investigation or auditing.

**B6 CUSTOMER SOURCE INSPECTION REQUIRED**

Product requires inspection at the source prior to shipment. Supplier shall notify FRC within one week of completion so that arrangements can be made to inspect product prior to ship date.

**B7 GOVERNMENT SOURCE INSPECTION REQUIRED**

Product requires inspection at the source prior to shipment by a government representative. Supplier shall notify FRC within two weeks of completion so that arrangements can be made with government representative to inspect product prior to ship date.

**B8 DELEGATION OF INSPECTION**

Final inspection of this product has been delegated to the supplier, and records of inspection shall accompany product upon shipment.

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**B9 CALIBRATION DOCUMENTATION REQUIREMENTS  
(VARIABLE DATA ON REJECTION ONLY [see B17])**

Calibration performed for FRC must include a certificate of calibration that contains as a minimum:

- The serial or control number and description of equipment calibrated.
- Date of calibration
- Listing of calibration standard(s) used.
- Traceability reference to national or international measurement standards.
- Calibration results (to include actual measurements when equipment is found to be out of tolerance).
- Identification of inspector.

**B10 INTERNATIONAL TRAFFIC IN ARMS REGULATIONS (ITAR)  
COMPLIANCE IS REQUIRED FOR THIS PRODUCT**

Supplier must make provision to assure no foreign nationals are allowed access to either product or documentation relating to this purchase order. Evidence of this control must be made available upon request.

Foreign Nationals include any party that does not fall into the following categories of personnel:

- A U.S. Citizen.
- A permanent resident who does not work for a foreign company, a foreign government, or a foreign governmental agency/organization.
- A political asylee.
- A part of the U.S. Government, or
- A corporation, business, organization, or group that is incorporated in the United States under U.S. law.

**B11 AS9100 QUALITY MANAGEMENT SYSTEM**

Suppliers of this product must be registered in the IAQG OASIS database as certified to the AS9100 Quality Management System Standard through an approved Registrar.

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**B12 APPROVED PRODUCT SOURCE**

The manufacturer of this product must be contained on an approved source list available from FRC when applicable. Evidence of the manufacturing source must be included on the certificate of compliance provided.

**B13 MANUFACTURED WITH APPROVED EQUIPMENT**

Prior certification/approval of equipment used for the manufacture of this product is required by FRC. Evidence of this approval must be contained on the certificate of compliance provided.

**B14 PERSONNEL QUALIFICATION**

The manufacture of this product contains elements requiring qualified personnel for their completion. Specific element and qualification requirements are defined on the purchase order. Evidence of the qualification must be specified on the certificate of compliance provided.

**B15 DEFENSE PROVISIONS AND ALLOCATION SYSTEM (DPAS) REQUIREMENTS APPLY TO THIS PURCHASE ORDER**

This purchase order is associated with an approved DPAS program and the dollar value exceeds the defined limit of \$50,000 which initiates requirements relating to that program. Specific requirements are listed in this purchase order and can be interpreted through Title 15 Part 700, Subpart L of the Code of Federal Regulations (<http://www/ecfr/gov>).

**B16 CONTROL OF CUSTOMER PROPERTY**

Tooling or test equipment has been supplied by FRC for use in the performance of this purchase order. The supplier must control, use, preserve, protect, repair and maintain this property in a manner that assures a condition to perform in an acceptable manner for its purpose.

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**B17 CALIBRATION DOCUMENTATION REQUIREMENTS  
(VARIABLE DATA REQUIRED)**

Calibration performed for FRC must include a certificate of calibration that contains as a minimum:

- The serial or control number and description of equipment calibrated.
- Date of calibration
- Listing of calibration standard(s) used.
- Traceability reference to national or international measurement standards.
- Calibration results to include actual measurements as a part of the report/certificate.
- Identification of inspector.

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