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ORIGINATOR	S. NICHOL	ORIG DATE	08/07/07
CHECKED	S. NICHOL	CHECK DATE	08/07/07
APPROVED	M. CHANGE	APPR DATE	08/07/07
QA	C. EVANS	APPR DATE	09/24/10
PRODUCTION	R. MANZO	APPR DATE	09/24/10
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REVISION	ECN	DESCRIPTION OF CHANGES	CHANGE BY	DATE/APPROVALS
A	4790	INITIAL RELEASE	SMN	08/07/07
B	5241	REVISED BASED ON REGISTRAR SUGGESTIONS REVISED TO SIMPLIFY PROCESS	SMN	05/14/08
C	7106	REVISED BASED ON NQA AS9100 AUDIT, SEE ECR	CE	09/21/10
D	7768	ADD CLAUSE TO PURCHASE ORDER FLOW DOWN 2.0 ESD HANDLING AND PACKAGING REQUIREMENTS.	ML	08/11/11
E	8541	ADDED CLAUSE FOR SUPPLIER NOTIFICATION OF CHANGE, MANUFACTURING LOTS AND COUNTERFEIT PARTS. ADDED REFERENCE MATRIX.	CE	04/18/12
F	10960	ADDED CLAUSES FOR DFAR 252.225-7009 AND ITAR FOR RAW MATERIAL METALS	EM	05/02/14
G	13434	ADDED CLAUSE FOR ATEX/ INTRINSIC SAFETY TO SECTION 2.0 (z)	ML	04/19/17
H	13739	REVISED CLAUSE S TO SPECIFY A MINIMUM FOR LIMITED LIFE MATERIAL WHEN DELIVERED FROM SUPPLIER. ADDED CLAUSE 2S TO SECTION 3.0, RUBBER PRODUCTS.	BA	09/14/17
J	13909	COMPLETE RE-WRITE OF SECTION 1 TO CLARIFY GENERAL REQUIREMENTS FOR DYTRAN SUPPLIERS. REMOVED ALL 2Z CALLOUT IN 3.0 TABLE AND ADDED ATEX PRODUCT/COMMODITY TO SPECIFY 2Z PRODUCTS REVISED SECTION 2L TO CLARIFY COC REQUIREMENTS.	MK/ KC	11/28/2017
K	14067	REVISED 1.1.9 TO CLARIFY THE PROCESS FOR NOV SUBMITTALS BY SUPPLIERS.	MK	2/23/2018
L	14239	ADDED TO SECTION S) LIMITED LIFE MATERIAL, REMOVED "AND SQAP" FROM SECTION 1.1.18	MK	06/08/18
M	15969	REVISED SECTION 2.0 PROCEDURE B) TO INCLUDE: THE SELLER SHALL ENSURE EMPLOYEES ARE AWARE OF THEIR CONTRIBUTION TO PRODUCT OR SERVICE CONFORMITY....	KC	10/09/20

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N	16445	a) UPDATED SECTION 1.1.9 SUPPLIER NON- CONFORMANCE REQUEST b) UPDATED SECTION 1.1.10 NON-CONFORMING MATERIALS CORRECTIVE ACTION (REJECTION NOTICES) c) UPATED SECTION 1.1.12 PRESERVATION SUB- SECTION (D) REPORT OF DISCREPANCY	KC	01/12/22
P	16765	ADDED: WATERMARK: "WEBSITE DOCUMENT" AND FOOTER: *MARKETING MUST BE NOTIFIED OF ANY CHANGES.	BA	06/03/22
R	17248	A) SECTION 1.1.14 RECORD RETENTION B) SECTION 1.1.24 ADDED SECTION EXPORT CONTROL C) SECTION 2T SUPPLIER RECORDS D) SECTION 3.0 COMMODITY REFERENCE MATRIX	KC	09/07/23
T	17776	REVISED SECTION 3.0 COMMODITY REFERENCE MATRIX – ADD "2Y" EXPORT CONTROL AND SANCTIONS/ ITAR.	JN	02/28/25
U	17931	PLEASE SEE ECR FOR CHANGE DETAILS	JN	08/27/25

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1.0 PURPOSE

Dytran Instruments is responsible for assuring the quality of the products we deliver to our customers. The Quality Management System at Dytran Instruments is based on the international standard AS9100/ISO 17025 and requires that Dytran Instruments establishes procedures for selecting suppliers, performing periodic reviews, and assessing the effectiveness of the control of purchased materials. It is of extreme importance that our suppliers be able to consistently deliver high quality products, materials, and services. The quality of items delivered by Dytran suppliers is a decisive factor in ensuring:

- The correct form, fit, function, and reliability of Dytran products
- The flow of these products and services through the Dytran production process

Meeting these two objectives results in Dytran customer satisfaction and end user satisfactions.

This procedure defines the contractual Procurement Quality Requirements (PQR) that appear on Dytran instruments' Purchases Orders. The "General" Quality Assurance Requirements in this section (Section 1) are applicable to all purchase orders.

The specific Quality Assurance Requirements in Section 2 apply when referenced by code on the applicable purchase order. Questions and comments, regarding these requirements, should be addressed directly to the cognizant purchasing representative at Dytran Instruments.

General Requirements are applicable to all purchase orders where the procured products, services, or processes are deliverable/consumable by Dytran Instruments.

In the event of conflict in quality system requirements, the order of priority shall be:

1. Purchase order
2. Dytran Engineering drawing
3. Applicable Supplier drawing
4. Supplier's requirements

Any documents referenced herein form a part of this document to the extent required or as specified. Unless a specific revision of these documents is noted on the purchase order, the latest revision in effect at the time of purchase order release shall apply.

All documents, certifications and test data must be submitted in English. Documentation submitted in any other language may result in product rejection.

1.1 General Requirements

The general quality requirements herein are applicable to all Dytran Instruments (Dytran) purchase orders. Purchase Order Specific or unique Quality Requirements imposed are described in detail in Section 2.

1.1.1 Sub-Tier Control

The supplier shall be responsible for flow down of all the requirements and provisions of the Dytran Instruments purchase order applicable to the supplier's sub-contractors. Data flow shall include clauses pertaining to Government Rights, Shelf Life, Cure Dates, Approved Sources, SPC, Fixed Process, Data Retention, Right of Access and Export Control. Additionally, any specific customer specification or callout must be flowed down for appropriate off-load operations. The supplier is responsible for managing the flow of these requirements to their sub-tier suppliers.

1.1.2 Facility Access

During the performance of any Dytran Instruments purchase orders, the suppliers Quality Assurance or Inspection and Manufacturing process are subject to review and analysis by Dytran Instruments, our Customer, and/or Government representative.

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This requirement is applicable to the supplier's facilities where Dytran Instruments products and services are processed, as well as the supplier's sub-tier facilities.

1.1.3 Reworked/Replaced Material

When returning previously rejected material to Dytran Instruments the supplier shall reference the rejection report number and purchase order number on the shipping document and shall state if the items have been replaced or reworked.

1.1.4 Purchase Order Overages

All variances must be communicated and approved by Dytran Instruments Buyer prior to shipment. Sample: Raw material with 10% variance is acceptable prior to shipment.

1.1.5 Counterfeit Parts: Avoidance, Detection, and Disposition

It is the supplier's responsibility to ensure that all parts and processes conform to the requirements specified on the order. It is further their responsibility to ensure that the parts:

- contain the proper internal construction consistent with the ordered part.
- do not contain refurbished or reclaimed parts and be represented as new product.
- do not have a different style or surface plating/finish than the ordered parts.
- are not being sold as tested parts, which have not successfully completed testing or screening; and
- are not labeled or marked to misrepresent the part's form, fit, function or grade.

Dytran Instruments must be notified in writing of any circumstance that parts are suspected or have been identified as meeting part or all the above.

1.1.6 Production First Article Reports

Compliance to requirements shall be demonstrated by submitting a First Article Inspection Report with the first lot shipment of product and with the first lot shipment of each subsequent revision.

Industry Catalog parts are excluded; for catalog parts such as MS, NAS, AN, etc.

A Certificate of Conformance stating all purchase order requirements have been met.

First Article Inspection Report shall include drawing / specification, serial number(s) (when applicable), all dimensions, general notes, tolerance ranges, actual measurements, and where physical testing is required, the results of the tests.

First Article Parts shall be identified as "First Article" by paper tagging or any other suitable means of identification. Dytran Instruments recommends suppliers adopt the AS9102 (latest revision/edition) format as the foundation for their First Article reporting.

Where Digital Product Definition (Model Based Definition) has defined the product characteristics, all applicable design requirements shall be extracted from the model, verified and included in the FAIR.

Additionally, a First Article Inspection Report (complete or 'delta') shall be performed by the supplier when one of the following has occurred:

- A new manufacturing processes or new manufacturing method has been incorporated into the product, which could affect compliance to the drawing requirements.
- New, reworked, or transferred tooling used in the manufacturing or inspection of the product.

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- The previous delivery date to Dytran exceeds three years for Dytran designed products; for supplier design or supplier catalog products, AS9102 latest revision/edition defines the First Article Inspection requirements.

Please include with each shipment a notation on the Certificate of Conformance document indicating the date of your (supplier's) latest acceptable FAI Report.

1.1.7 Dytran-Owned (Loan/Sample) Part

When possible, Dytran may provide loan/sample parts to Supplier at Supplier's request.

1.1.8 Supplier Information Request

For consideration by Dytran Instruments for any Supplier request to deviate from the requirements recognized by the Purchase Order. Such requests shall be documented and submitted on Dytran form 172-0239 Notice Concern-Variation (NOV).

Do Not Use the NOV form to Request Changes to Contract terms or Schedules

Dytran Instruments Engineering and Quality shall review the NOV submittal and either approve or disapprove the supplier request.

Prepare a separate NOV for each different Part Number item on the P.O. However, one NOV form may cover multiple dash numbers, or multiple Lot Date Codes, or sub-lots arising from one manufacturing lot.

Suppliers are required to identify all product (WIP or in production) that will have the deviation. Any product found to have the deviation outside of an approved NOV may be grounds for the issuance on a supplier corrective action.

1.1.9 Supplier Non-Conformance Requests

For consideration by Dytran Instruments for any departures from drawings, specifications, or other purchase order requirements, such non-conformances shall be documented and submitted on NOV. Dytran Instruments Engineering and Quality shall review the NOV submittal and either approve or disapprove the supplier request.

- If disapproved, the supplier cannot ship the discrepant material to Dytran Instruments.
- If approved, the following applies:
 - Use-As-Is

A copy of the approved NOV will be sent to the supplier. All shipments pertaining to said parts must include a copy of the approved NOV which states entire quantity of non-conforming product.

Upon receipt of product an NCR will be generated for the non-conforming product stating, "Use as Is", no fault to supplier quality rating.

- Rework

The NOV will contain the rework requirements for the supplier ensuring the product can meet all drawing requirements. Since the product can be reworked, no NCR will be issued. Dytran may issue a Corrective Action if warranted.

Nonconforming material cannot be knowingly shipped from a supplier to Dytran Instruments without being accompanied by an approved NOV signed by two Dytran Instruments department members (Engineering, Quality, or Purchasing).

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If the supplier discovers that non-conforming materials have shipped to Dytran, they must notify Dytran purchasing department within 24 hours. Minimum information will be:

- P/N
- POs affected
- Ship dates
- COC/Packing slip numbers
- Serial Number (as applicable)

1.1.10 Nonconforming Materials Corrective Action (Rejection Notices)

Upon receipt if product is deemed discrepant, a Non-Conformance Report (NCR) is created. Non-conformities shall be documented in accordance with DP07-0805 Control of Nonconforming Product and DP07-0803 Corrective Action. Discrepant product to be returned to vendor/supplier shall adhere to DP07-0330 Return to Vendor (RTV).

1.1.11 Repair

Under no circumstances shall a Supplier or Supplier's sub-tier perform any repair procedures or Operations without specific written authorization **and** an approved written repair procedure from Dytran Instruments.

1.1.12 Preservation

Material subject to corrosion, contamination, etc. shall be packaged and/or coated with an acceptable preservative to prevent corrosion while in transit and storage. Please contact your purchasing representative (buyer) for information for appropriate preservatives.

For ESD Parts or Material, The Supplier shall provide sufficient packaging for articles sensitive to handling damage. Electrostatic sensitive components shall be handled in accordance with the latest EIA-625 and JEDEC JESD 625.

1.1.13 General Certification Traceability

All certifications shall be traceable to the material submitted and shall contain the signature and title of the authorized representative of the seller. Serial numbers shall be listed if the components are serialized. Computer generated facsimile signatures will be acceptable if prior approval from Dytran Instruments has been established.

1.1.14 Record Retention

The Supplier shall maintain adequate records of all First Articles, In Process, Final Inspections, Test, and part data history as imposed by Purchase Order requirements. Inspection records shall indicate the nature and number of observations, the number and type of deficiencies discovered, the quantities approved and rejected, and the nature of corrective action taken, as appropriate.

The First Article Inspection Reports (FAIR) shall include all drawing dimensions, general notes, and tolerance range along with actual measurement results. Dytran Instruments recommends and may impose First Article Inspection (FAI) in accordance with AS9102 (latest Rev). Additional clause specific detail may be found within the applicable clause requirements.

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This information and all supporting documentation such as raw material certifications, special processing records and certifications, manufacturing records, i.e. route sheets, and travelers, shall be retained by the Supplier in accordance with the terms of the purchase order.

When the purchase order is complete, such records shall be maintained and available to the buyer on request for a period of no less than 3 years or as required by contractual or regulatory obligations. It is the responsibility of the supplier to properly dispose of the records after the required retention period has been achieved.

1.1.15 Drawings, Specifications, and Quality Requirements

The Suppliers Quality System shall assure the latest applicable drawings, specifications, and quality requirements are compatible with current purchase order agreements and are available and in use by the Supplier's manufacturing and inspection groups. Military Standards and Specifications utilized shall be to the latest revision in effect upon the date of the purchase order, unless otherwise specified.

1.1.16 Packaging, Handling, and Marking

In performance of the contract, the Supplier shall assure that all articles are packaged in a manner and with materials necessary to prevent deterioration, corrosion, or damage.

Requirements for packaging shall consider conditions affecting the article while at the supplier's plant, transportation to destination, and the expected or specified conditions at the destination.

The Supplier shall provide sufficient packaging for articles sensitive to handling damage. Material or articles affected by UV/sunlight or ESD shall be packaged for protection from such sources.

When packaging any material or articles, the use of staples shall be avoided.

When packaging multiple Items/Orders in one specific Box/Container, supplier must separate and mark / label each item with the item number / PO.

Large units/items must be packaged in one container using best practices to prevent any damage during handling / shipping.

Marking shall be applied as specified by the engineering drawing or specification; if the engineering drawing or specification does not define marking method, marking shall be applied as instructed by specific purchase order notation. In the absence of drawing or purchase order imposed marking requirements, the marking shall be per MIL-STD-130.

Supplier may ship multiple parts/materials in one box/pallet; however, each unique item must be segregated by purchase order number and part number for the sake of traceability.

1.1.17 Domestic Material

When specified by contract, raw material incorporated into the delivered item must be manufactured in the United States, its outlying territories, or by specific qualifying countries as noted in the DFARS 252.225-7002.

Dytran Instruments, prior to performance of the contract, must approve exceptions to this requirement.

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1.1.18 Commercial Material

When specified by contract, commercially available raw material (non-DFAR) can be incorporated into the deliverable product. Materials to comply with ASTM, AMS or equivalent specifications.

1.1.19 Inspection Sampling

Unless otherwise specified in the Purchase Order, the Supplier may use sampling procedures when tests are destructive or when quality history, inherent characteristics, statistically controlled processes, or operation repeatability due to numerically controlled machines justify less than 100% inspection. Sampling plan must be submitted as part of the First Article Inspection package for the product delivered. Sampling plans other than from ANSI Z1.4 must be approved in writing by Dytran Instruments Quality Engineering. Dytran Instruments will not approve any sampling plan which permits acceptance with defectives in the population sample.

1.1.20 Material Obsolescence

If there is any reduction in the usefulness or desirability of an object because of an outdated design feature (usually one that violates the purchase order requirements), Dytran Instruments must be notified immediately upon discovery.

Any "Planned Obsolescence" i.e., compounds, liquids or materials becoming unavailable, obsolete or outdated, replaced by, its discovery must be brought to the immediate attention of Dytran Instruments to evaluate the obsolescence and its effect on current or future requests for the obsolescent material.

No material substitution may be authorized except through the Engineering Department of Dytran Instruments.

Notification must be made via the 172-0239 Notice Concern-Variation (NOV) form through the Purchasing Department.

1.1.21 QMS Awareness

Supplier's personnel must be made aware of:

- their contribution to product or service conformity.
- their contribution to product safety.
- the importance of ethical behavior.

1.1.22 Gage Loan Policy

Requests for the loan of tools, gages, or other devices can be made by making a request through the Supplier's Dytran Buyer. The Supplier assumes responsibility for the control, calibration, and maintenance of that tooling or gaging.

1. Suppliers may be debited a nominal gage rental charge. The amount of the debit will be at the discretion of Dytran.
2. Dytran gages are to be utilized only for inspection of Dytran parts and product.
3. Loaned gages must be returned with the completion of the specific purchase order.
4. Failure to return gages in a timely manner may result in the Supplier being debited the full cost to Dytran for gage replacement.

1.1.23 Conflict Materials

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Dytran, along with governments, NGOs, the investment community, and other corporations, is concerned with potential human rights violations, such as forced labor, human trafficking, child labor, and the role armed conflicts may play in such violations in the countries in which we do business.

Dytran will not knowingly manufacture products with raw materials or components containing 3TG that finance Armed Groups involved in the conflict in the DRC region.

As such, we are committed to complying with the requirements of the Dodd-Frank Act and the CM Regulations. Dytran is committed to responding to customer requests for information about the 3TG contents of Dytran products and assisting Dytran customers in complying with their own reporting obligations under the Dodd-Frank Act and the CM Regulations.

Dytran affirms our on-going commitment to avoiding the knowing use of Conflict Minerals that directly or indirectly finance or benefit armed groups in the DRC region.

Dytran also supports industry-wide approaches to this problem, including the Conflict Free Smelter Program and other initiatives.

1.1.24 Equipment Calibration services

Supplier shall maintain a calibration system in compliance with ANSI/MIL- STD-45662, ISO10012-1, ANSI Z540, or ISO 17025 (latest revisions). All standards are calibrated and traceable to the National Institute of Standards and Technology (NIST). Calibration technicians as required to have annual eye exams performed.

1.1.25 Export Control

Purchase orders with the 2y Export Control and Sanctions/ITAR Quality Clause are subject to all U.S. Export Controls and Sanctions set forth by the International Trade Administration. This includes outbound transfers of physical items such as hardware, production samples and/or tangible Technology. Authorization is required by the HBK ECCO for all transfers. Supplier personnel screening checks are required before such transfers are made. Supplier shall ensure all transferred materials are stored, maintained and shipped in a secure manner. Any transfers out of the US must be approved by the HBK ECCO and filed in accordance with US Export Control and Sanctions. All records of transfers are subject to DP07-0401 – Control of Records.

2.0 PROCEDURE

Dytran Instruments Inc. Buyers are responsible for communicating the flow down requirements to all suppliers. These requirements are listed below, and a matrix has been created to show which requirements are applicable based on the category of material that is purchased.

a) MANDATORY REQUIREMENTS

All documents sent to Dytran must include the Dytran purchase order number, item number, quantity in the shipment (list lot numbers and serial numbers as required), the part number and revision, and the signature and date from the authorized representatives of the issuing organization. Dytran's suppliers are responsible for ensuring that all subcontractors involved comply with Dytran purchasing requirements.

b) SELLER'S QUALITY CONTROL SYSTEM

The seller shall maintain a Quality Control System acceptable to Dytran. The seller is required to inspect the product sufficiently to assure conformance to requirements and acceptance at Dytran. The seller shall ensure employees are aware of their contribution to product or service conformity and product safety. Dytran inspects the product to a sample plan with an acceptance number equal to zero, that is designed to meet ANSI Z1.9 and ANSI Z1.4 unless otherwise specified. The

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Supplier Quality System is subject to audit by Dytran representatives. These audits will be scheduled as required by the Quality Assurance Manager. All Dytran suppliers are required to submit to visits from Dytran or our suppliers as required by the original purchase orders to Dytran Instruments Inc.

c) ESD HANDLING AND PACKAGING CLASS 1 DEVICES

All items purchased under this order must be handled, packaged and controlled in accordance with ANSI/ESD S20.20/1997. All part containers, tubes, canisters, boxes or bags shall be conductive in accordance with this standard. The end item next higher-level packing shall also be ESD rated: ie; parts in gel pak or tube must be wrapped in outer protection that is ESD rated. Any exceptions must be requested in writing to the buyer of record and Dytran Quality.

d) REPORT OF DISCREPANCY

For consideration by Dytran, any departures from drawings, specifications, or other Purchase Order requirements must be recorded and forwarded on the 172-0239 Notice of Concern-Variation Form.

e) PACKAGING

All parts must be packaged and handled in a manner to prevent damage in handling and transit.

f) EXCESS MATERIAL

All Dytran-furnished excess material (scrap or otherwise) is to be identified and held until completion of order, then returned to Dytran properly identified.

g) RESUBMISSION OF REJECTED MATERIAL

All items rejected by Dytran and subsequently resubmitted by the supplier shall adequately indicate resubmission on the shipping document and make reference to Dytran's rejection document with evidence that the cause for rejection has been corrected.

h) DYTRAN SOURCE INSPECTION

Dytran reserves the right to inspect the material submitted in the performance of the Purchase Order or subcontract at the Supplier's facility in conformance with the general specifications for source inspection instructions. Source Inspection approval shall not constitute final approval or acceptance by Dytran of the items covered by this Purchase Order nor shall it relieve the Supplier of responsibility to furnish an acceptable item.

i) RIGHT OF ACCESS

Dytran Instruments and their customers, regulatory agencies, and Government Inspectors have the right to enter Supplier facilities for the purpose of verifying processes and to conduct source inspections as required by contract.

j) GOVERNMENT INSPECTION

During performance on this order, the Supplier quality control, inspection system and manufacturing processes are subject to review, verification and analysis by authorized Government representatives. Government inspection for release of product prior to shipment is not required unless the Supplier is otherwise notified. The Supplier shall provide a copy of this order to the Government representative upon request.

k) GOVERNMENT SOURCE INSPECTION (DoD)

Government Inspection is required prior to shipment from the Supplier's facility. Upon receipt of this order, promptly notify the Government representative who normally services your plant so that appropriate planning for Government inspection can be accomplished. On receipt of this order, promptly furnish a copy to the nearest Army, Navy, Air Force, or Defense Supply Agency Inspection

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office. In the event the representative or office cannot be located the Dytran Purchasing Agent should be notified immediately.

l) CERTIFICATE OF CONFORMANCE (COC)

Each shipment must be accompanied by one (1) legible and reproducible copy of a Certificate of Conformance. The COC should contain a signature and title of an authorized representative of the Supplier stating that the material meets applicable specifications cited in the Purchase Order. "The Supplier certifies that they have inspected the material furnished to PQR, drawing, and/or specification requirements and has found them in compliance. If the supplier does not offer a COC, the packing slip can be used as a proof of compliance to the Dytran PO.

m) RAW MATERIAL CERTIFICATION (bar stock/steel/metals)

Each shipment must be accompanied by one (1) legible and reproducible copy of the Raw Material Certification traceable to the mill source. The certification shall include chemical composition and quantitative values specified in the applicable material specification.

n) MATERIAL TRACEABILITY, IDENTIFICATION AND CONTROL

Positive traceability of parts by cross referencing all manufacturing and shipping documents to test reports and certification for the specific raw material lot from which the parts were manufactured is required.

o) RoHS COMPLIANCE

Certification is required that materials supplied by the Supplier compliant with RoHS directives.

p) PROCESS CERTIFICATION

Each shipment must be accompanied by one (1) legible and reproducible copy of a certificate containing the signature and title of an authorized representative for all processes used, such as heat treating, welding, surface preparation and treatment, etc. When parts are serialized, serial numbers must appear on the certification.

All orders requiring nondestructive tests shall be accompanied by one (1) legible and reproducible copy of a certified report of compliance. These reports must contain the signature and title of the authorized representative performing the inspection and must assure conformance to specification requirements.

q) FIRST ARTICLE INSPECTION

First Articles are considered to be the first part from each new production run. A First Article Inspection Report is a complete record for all drawing characteristics and notes with the actual measurements and method of notes compliance documented. When Source Inspection is a P.O. requirement, the First Article part and the First Article Report shall be presented together with the parts at the time of Source Inspection. If Source Inspection is not a P.O. requirement the First Article part and First Article Report shall be packaged separately and shipped with the balance of the parts to Dytran.

r) FUNCTIONAL TEST REPORTS

Each shipment must be accompanied by one (1) legible and reproducible copy of actual test results identifiable with test parameters and products submitted. These reports must contain the TEST STAMP and INSPECTION STAMP of the individual performing the task, or the signature and title of the authorized representative of the agency performing the test and must assure conformance to specified requirements.

s) LIMITED LIFE MATERIAL

Age Control Materials shall meet the industry standard for age requirements. Material or articles having definite age degradation characteristics shall be marked with manufacturing data and/or cure date, and date of expended useful life. Material or articles affected by UV or sunlight shall be

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packaged for protection from such sources. Each package of component(s) shall be marked with Date of Manufacture (DOM) or Cure Date, part number, Purchase Order number, quantity, compound number, and manufacturer's identification (if different than part number). Date of cure shipped to Dytran Instruments shall be defined on the supplier's certification and shall not exceed Two (2) Quarters of the shelf life from the date of manufacture to ship date and acceptance at Dytran Instruments. Special Handling requirements, such as cold storage, shall be identified. If the supplier is not the manufacturer of the age control materials, the certificate of conformance (CoC) from the supplier must identify linking information (Lot#/Batch# or Manufacturer CoC#), including multiple sources the materials have been supplied through, on their CoC and the manufacturer CoC must accompany the document package. Date of cure on O-rings shipped to Dytran shall meet the requirements of MIL-STD-1523. Synthetic rubber raw materials shall be identified with date of cure, compound, purchase order number, and manufacturer's name. Any materials exceeding this requirement will be returned at the supplier's expense for replacement or refund.

t) SUPPLIER RECORDS

All records relevant to Dytran Purchase Orders, including test data, material certifications, travelers, and material review board records, shall be retained by the supplier for no less than 7 years and retrievable upon Dytran request. It is the responsibility of the supplier to properly dispose of the records after the required period has been achieved.

u) SUPPLIER NOTIFICATION OF CHANGE

Supplier must notify Dytran in writing of any changes to product or processes, changes of sub-tier suppliers and changes of manufacturing location affecting product delivered to Dytran.

v) MANUFACTURING LOT

Supplier shall identify what constitutes a manufacturing lot (ie: Work Order, Purchase Order, Line Item, etc.).

w) COUNTERFEIT PARTS:

The supplier shall maintain a counterfeit parts program in accordance with AS 5553.

All parts shall be considered counterfeit if any criteria of Section 3.0 requirements, is discovered, identified or found suspect.

Contract requirements shall include:

- a) Traceability
- b) Test and Inspections
- c) Quality Management Systems
- d) Acceptance of financial responsibility
- e) Length of obligation
- f) Required documentation
- g) Penalties

x) DFAR 252-225-7009 RESTRICTION ON ACQUISITION OF CERTAIN ARTICLES CONTAINING SPECIALTY METALS:

If required by contract, certification must state that the materials supplied meet the requirement of DFAR 252-225-7009.

y) Export Control and Sanctions/ITAR

Orders for Controlled Materials and/or Services are subject to all **U.S.** Export Controls and Sanctions set forth by the **International Trade Administration**. Orders that fall under the regulation of ITAR (International Traffic and Arms Regulations), all manufacturers, exporters, brokers of defense articles, defense services or related tech data are required to be registered with the DDTC (Director of Defense Trade Controls). All license requirements imposed by ITAR are the sole responsibility of the subcontractor in possession of the purchase order.

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z) ATEX/ INTRINSIC SAFETY

This part, component, device, assembly or processing can be used in an explosive atmosphere in accordance with EN80079-34.

aa) 100% POLARITY TEST REQUIRED

100% polarity test required, statement of polarity acceptance must be stated on the products certificate of conformance and provided with each shipment.

bb) COMMERICAL MATERIAL

When specified by contract, commercially available raw material (non-DFAR) can be applied, materials to comply with ASTM, AMS, or equivalent specifications.

cc) Q-FACTOR

Manufacturers certificate of conformance or documented measurement indicating the Q-factor for the provided lot is required with each shipment. Unless agreed upon in advance that the information is considered proprietary and protected through legal means.

dd) MACHINED PART CLEANING

Prior to delivery, clean with a compatible cleaning agent, the cleaning agent must not damage or create a latent condition that may lead to material deterioration. All surfaces contaminants, metal chips, cutting fluids, etc., must be removed.

Note: When a protective agent is required to prevent surface rust/ corrosion and or damage while in transit the supplier must notify Dytran's Purchasing department in writing, e-mail, NOV, etc. for approval prior to use. Dytran's Quality Assurance and Engineering departments will evaluate the request and will provide a written approval or if unacceptable provide additional instruction.

3.0 COMMODITY REFERENCE MATRIX:

Product/Commodity	Required Clauses (DP07-0203)
Raw Materials-Metals A (DFAR Material)	2A, 2B, 2D, 2G, 2I, 2M, 2N, 2L, 2T, 2U, 2W, 2X, 2Y
Raw Materials-Metals B (Commercial Material)	2A, 2B, 2D, 2G, 2I, 2M, 2N, 2L, 2T, 2U, 2W, 2Y, 2BB
Crystals	2A, 2B, 2D, 2G, 2H, 2I, 2L, 2N, 2T, 2U, 2W, 2Y, 2AA, 2CC
Seismic Masses	2A, 2B, 2D, 2G, 2H, 2I, 2L, 2N, 2T, 2U, 2W, 2Y
Electronic Components/Connectors	2A, 2B, 2C, 2D, 2E, 2G, 2I, 2L, 2N, 2T, 2U, 2W, 2Y
Circuit Boards/Hybrid Amps	2A, 2B, 2C, 2D, 2E, 2G, 2I, 2L, 2N, 2T, 2U, 2V, 2W, 2Y
Outside/Special Processes	2A, 2B, 2D, 2E, 2G, 2I, 2L, 2N, 2P, 2T, 2U, 2Y
Epoxys/Chemicals/Solder/Solder Paste	2A, 2B, 2D, 2G, 2I, 2L, 2N, 2S, 2T, 2U, 2W, 2Y
Cable/Wire	2A, 2B, 2D, 2E, 2G, 2I, 2L, 2N, 2T, 2U, 2W, 2Y
Hardware	2A, 2B, 2D, 2G, 2I, 2N, 2L, 2T, 2U, 2W, 2Y
Office/Shipping/Cleaning Supplies	2A, 2B, 2D, 2G, 2I, 2U, 2Y
Panels	2A, 2B, 2D, 2E, 2G, 2I, 2L, 2N, 2Q, 2T, 2U, 2Y
Insulators/Electrodes	2A, 2B, 2D, 2E, 2G, 2I, 2L, 2N, 2T, 2U, 2W, 2Y
Rubber Products	2A, 2B, 2D, 2E, 2G, 2I, 2L, 2N, 2S, 2T, 2U, 2W, 2Y
ATEX Parts (As Identified in Dytran Operating System)	2A, 2B, 2D, 2E, 2G, 2I, 2L, 2N, 2S, 2T, 2U, 2W, 2Y, 2Z
Machine Parts A (DFAR Components)	2A, 2B, 2D, 2E, 2F, 2G, 2H, 2I, 2L, 2M, 2N, 2O, 2P, 2Q, 2T, 2U, 2V, 2W, 2X, 2Y, 2Z, 2DD

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Machine Parts B (Commercial Components)	2A, 2B, 2D, 2E, 2F, 2G, 2H, 2I, 2L, 2M, 2N, 2O, 2P, 2Q, 2T, 2U, 2V, 2W, 2Z, 2BB, 2DD
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4.0 REFERENCE DOCUMENTS:

AS5553 – COUNTERFEIT ELECTRICAL, AND ELECTROMECHANICAL (EEE) PARTS;
 AVOIDANCE DETECTION, MITIGATION, AND DISPOSITION
 DP04-0201 – TRADE CONTROL PROCESS
 DP07-0330 – RETURN TO VENDOR (RTV) PROCES
 DP07-0401 – CONTROL OF RECORDS
 DP07-0803 – CORRECTIVE ACTION
 DP07-0805 – CONTROL OF NONCONFORMING PRODUCT
 DP07-0808 – CONTROL OF COUNTERFIET PARTS/ MATERIALS
 172-0239 – NOTICE OF CONCERN (NOV)