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OBJECT: TO PROTECT PARTS FROM PHYSICAL AND ENVIRONMENTAL DAMAGE.

A. THE PRESERVATION, PACKAGING AND PACKING OF SUPPLIES AND EQUIPMENT FOR SHIPMENT SHALL MEET OR EXCEED THE MINIMUM REQUIREMENTS FOR COMMERCIAL PACKAGING DESCRIBED BELOW. SHIPMENTS SHALL BE DELIVERED TO THEIR DESTINATION WITH MINIMAL DAMAGE TO THE PACKAGE AND NO DAMAGE TO THE CONTENTS.

A.1.1. ITEMS SHALL BE FREE OF DIRT AND OTHER CONTAMINANTS WHICH WOULD REQUIRE CLEANING BY THE CUSTOMER PRIOR TO USE. COATINGS AND PRESERVATIVES APPLIED TO THE ITEM FOR PROTECTION ARE NOT CONSIDERED CONTAMINANTS.

A.1.2. ITEMS SUSCEPTIBLE TO CORROSION OR DETERIORATION SHALL BE PROTECTED USING COATINGS, PRESERVATIVES, OR DESICCATED UNIT PACKS.

A.1.3. ITEMS REQUIRING PROTECTION FROM PHYSICAL AND MECHANICAL DAMAGE OR WHICH ARE FRAGILE SHALL BE PROTECTED BY WRAPPING, CUSHIONING, PACK COMPARTMENTALIZATION, CARTONIZING, OR OTHER MEANS TO MITIGATE SHOCK AND VIBRATION DURING SHIPMENT AND HANDLING.

A.1.3.1 WRAPPED AND BAGGED ITEMS SHALL BE PLACED INSIDE CONTAINERS OF APPROPRIATE SIZE. BULK PACKAGING IS EXCLUDED UNLESS SPECIFIED BY THE PURCHASING AUTHORITY.

A.2.1. UNIT PACKAGE, A UNIT PACKAGE SHALL BE SO DESIGNED AND CONSTRUCTED THAT IT WILL CONTAIN THE CONTENTS WITH NO DAMAGE TO THEM, AND WITH MINIMAL DAMAGE TO THE UNIT PACK DURING SHIPMENT AND STORAGE IN THE SHIPPING CONTAINER AND WILL ALLOW SUBSEQUENT HANDLING.

A.2.2. UNIT PACKAGE QUANTITY, UNLESS OTHERWISE SPECIFIED, THE UNIT PACKAGE QUANTITY SHALL BE ONE EACH PART, SET, OR ASSEMBLY. SMALL LIGHT WEIGHT ITEMS ARE EXCEPTED, SUCH AS, HARDWARE, SMALL

DURABLE MECHANICAL PARTS. BULK PACKAGING IS EXCLUDED UNLESS SPECIFIED IN THE DESCRIPTION OR BY THE PURCHASING AUTHORITY.

A.3.1. THE USE OF INTERMEDIATE PACKAGING IS ENCOURAGED PARTICULARLY WHEN USE ENHANCES HANDLING AND INVENTORYING. UNLESS OTHERWISE SPECIFIED, INTERMEDIATE PACKAGING IS REQUIRED TO FACILITATE HANDLING AND INVENTORY.

A.4.1 UNIT PACKAGES AND INTERMEDIATE PACKAGES NOT MEETING THE REQUIREMENTS FOR A SHIPPING CONTAINER SHALL BE PACKED IN SHIPPING CONTAINERS. TOTE PANS SHALL NOT BE USED AS SHIPPING CONTAINERS UNLESS AUTHORIZED BY THE PURCHASING AUTHORITY.

A.4.2. SHIPPING CONTAINERS, INCLUDING ANY BLOCKING, BRACING, CUSHIONING, OR WATERPROOFING, SHALL COMPLY WITH THE REGULATIONS OF THE CARRIER USED AND SHALL PROVIDE SAFE DELIVERY TO THE DESTINATION AT THE LOWEST COST. SHIPPING CONTAINERS WILL BE CAPABLE OF MULTIPLE HANDLING AND STORAGE UNDER FAVORABLE CONDITIONS FOR A MINIMUM OF ONE YEAR.

A.4.3. THESE REQUIREMENTS CAN BE USED FOR EXPORT SHIPMENTS WHEN FAVORABLE CONDITIONS ARE PROVIDED, SUCH AS, CONTAINERIZATION MEDIA AND ENCLOSED AREA RECEIVING.

A.5. SHIPMENTS SHOULD BE CONSIDERED FOR UNITIZATION WHERE APPROPRIATE. UNITIZATION INCLUDES, BUT IS NOT LIMITED TO, BUNDLING, CONSOLIDATION IN A CONTAINER OR PLACEMENT ON A PALLET. UNLESS OTHERWISE SPECIFIED SHIPMENT TO THE DEPARTMENT OF DEFENSE SHALL BE UNITIZED INTO A SINGLE LOAD IN SUCH A MANNER THAT THE LOAD CAN BE HANDLED AS A UNIT THROUGHOUT THE DISTRIBUTION SYSTEM.

B. SUPPLIERS ARE ENCOURAGED TO USE ADVANCED PACKAGING TECHNOLOGY AND INNOVATIVE METHODS OR MATERIALS FOR THE PURPOSE OF EFFECTING PACKAGING ECONOMIES. THE USE OF FOAM PACKAGING MATERIALS WHICH UTILIZE CHLOROFLUOROCARBONS (CFCs) IS DISCOURAGED DUE TO ENVIRONMENTAL IMPACT CONCERNS.

C. PACKAGING, PACKING AND MARKING OF HAZARDOUS AND MAGNETIZED MATERIALS SHALL COMPLY WITH APPLICABLE REGULATIONS OF THE UNITED STATES DEPARTMENT OF TRANSPORTATION (DOT). IMPORT OR EXPORT OF HAZARDOUS (DANGEROUS GOODS) AND MAGNETIZED MATERIALS SHALL COMPLY WITH THE APPLICABLE REGULATIONS OF THE DOT, UNITED NATIONS, AND THE COUNTRY OF ORIGIN. SUPPLIERS OF ASSEMBLIES CONTAINING EXPLOSIVES MUST SUPPLY PACKAGING ENGINEERING WITH A COPY OF THE CERTIFICATE OF COMPETENT AUTHORITY (DOT).

D. WHEN PRESERVATION, PACKAGING, OR MARKING REQUIREMENTS ARE DETAILED ON PARTS DRAWINGS OR PROCUREMENT SPECIFICATIONS, THEY SHALL TAKE PRECEDENCE OVER THE REQUIREMENTS OF THIS ATTACHMENT.

\*E. REGARDLESS OF THE METHOD USED, THE LEADS OF ALL ELECTRONIC COMPONENTS SHALL BE MAINTAINED IN THE NATURAL STRAIGHT OR, IF REQUIRED, PREFORMED CONDITION. (MATRIX TRAYS ARE RECOMMEND FOR FINE PITCH LEAD PARTS.)

F. STATIC SENSITIVE DEVICES SHALL BE PACKAGED IN STATIC PROTECTIVE MATERIAL. THE MATERIAL MUST PROVIDE A STATIC SHIELDING BARRIER. A MIL-STD-129 SENSITIVE ELECTRONIC CAUTION LABEL, OR EQUIVALENT SHALL BE PLACED ON THE UNIT, INTERMEDIATE AND SHIPPING CONTAINERS.

\*G. THE SUPPLIER IS REQUIRED TO HAVE AN ELECTROSTATIC DISCHARGE (ESD) CONTROL PROGRAM PLAN IF ESD SENSITIVE ITEMS ARE REMOVED FROM OR PROCESSED OUTSIDE OF SPECIFIED ESD PROTECTIVE PACKAGING.

H. PACKAGE AND LABEL PLASTIC ENCAPSULATED MICROCIRCUITS (PEMS)/MOISTURE SENSITIVE DEVICES (MSDS) PER IPC-SM-786.

I. PACKAGING SHALL PROVIDE PROTECTION FOR THE CRITICAL DIMENSIONAL REQUIREMENTS OF MECHANICAL PARTS.

J. MARKING INSTRUCTIONS: EACH UNIT CONTAINER MUST BE MARKED WITH RMSC PART NUMBER AND QUANTITY. UNIT CONTAINERS ARE EXEMPTED FROM MARKING ONLY IF THEY HOLD ONE (1) PART EACH AND RMSC P/N IS VISIBLE ON PART.

K. PALLETIZATION: IF REQUIRED, PALLETIZE WITH ANY STANDARD PALLET SUCH THAT A STABLE, UNITIZED, AND STACKABLE LOAD IS CREATED. FIBERBOARD (CARDBOARD) PALLETS WITH PLASTIC CUP FEET ARE NOT ALLOWED.

THIS ATTACHMENT, WITH ITS TERMS AND CONDITIONS, IS AN INTEGRAL PART OF THIS PURCHASE ORDER.

\* ADDITION/REVISION