

SUPPLIER NAVY APPROVED DRAWING CHECKLIST

		YES	NO	N/A
GENERAL				
G1	Drawing(s) for compliance with any specific requirements referenced in the Purchase Order Item Description.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G2	Designation for zone and sheet columns present and match are included?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G3	Document signed by the vendor's representatives, when required?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G4	Overall dimensions given?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G5	Tolerances are indicated (including fractional dimensions, out-of-roundness, run-out, and parallelism or squareness of surfaces and axes)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G6	The dimensions are located outside of figure, where possible (data will not be obscured)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G7	The Dimension lines end in arrows at related extension lines?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G8	Do item numbers & quantities in the list of materials agree with item numbers & quantities in the body of the drawing?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G9	Are all words properly spelled?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G10	Does the drawing contain applicable marking statement(s) (e.g.: Distribution D)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G11	Is list of material is formatted in accordance with ASME Y14.34M Paragraph 5.3.1(g) Figure 4?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G12	Are all the abbreviations used on the drawing in accordance with MIL-STD-12 or ASME Y1.1 as directed in MIL-STD-100?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TITLE & REVISION BLOCK				
T1	Are the title block, revision block, reference drawing block, and other required block data are present?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T2	Title block contains title of drawing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T3	Title block contains design activity's name & address	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T4	Title block contains design activity's cage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T5	Title block contains drawing number (not to exceed 15 characters)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T6	Title block contains applicable drawing size	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T7	Title block contains latest revision letter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T8	Revision block(s) identifies all changes incorporated on drawing. Forward Change Notice if applicable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T9	Review material and/or design changes to verify if shock characteristics and/or item interchangeability are affected	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T10	Does the revision block include columns for revision letter/symbol?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T11	Does the revision block include columns for description of change?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T12	Does the revision block include columns for date of REVISION?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T13	Does the revision block include columns for approval letter and DATE?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMPREHENSIVE GENERAL NOTES				
N1	Grade of shock resistance is listed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N2	Is the material identification criteria identified when specified in the PO (e.g.; Level 1)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N3	Is there a statement of conformance with specification(s) (When a specification is specified in the PO.) on the drawing? (e.g.; the material depicted on this drawing is in accordance with MIL.....)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N4	If there is an exception or modification to the invoked specification, is there a note stating this material is in accordance with specification... with the following exception/s?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N5	Is the calculated dry & operating weight & vertical center of gravity as required by Purchase Order APPENDIX D indicated on the drawing?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N6	Is/are the specification(s) to which component is manufactured is listed on the drawing?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N7	Are the label plates, markings, and warnings are indicated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

This checklist was developed to help NNS suppliers achieve FTQ software submittals. It's not the intention of this checklist to be all inclusive, and you need to ensure all invoked P.O. requirements and specifications are met. The checklist is a list of frequently missed items by suppliers, and this is our attempt to identify these items to eliminate the costly rework and delays. We suggest you incorporate this checklist with your internal processes to be more efficient

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N8	If welding or brazing is performed in the manufacturing of the item, has the following been included in the notes or on the drawing addressing welding/brazing:			
	a. Fabrication document and revision	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	b. A note stating that all welding on this item is in accordance with the listed fabrication document	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	c. Contractor's and sub-contractor's procedure number and revision	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	d. Approval for the welding or brazing procedure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	e. Welding/Brazing/NDT markings/notes indicated on the drawing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N9	Are the cleaning requirements included on the drawing (When specified in the PO)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N10	Are there notes for special fabrication included on the drawing (When specified in the PO)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N11	Is there a note addressing First Article Testing (FAT) approval included (If applicable)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N12	Is there a note addressing vibration approval (If Applicable)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N13	Is there a note addressing shock approval (If Applicable)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N14	Does the drawing contain the statement "For Design Variations Used To Fulfill A Specific Application, Refer To The Applicable Certification Data Sheet, Outline Drawing Or Other Document As Appropriate", as required BY MIL-D-1000/2 (Para 3.5)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N15	Does the drawing include a provisions of safety devices (relief valve, pressure switch, temperature switch, interlocks, locking device, fuse, overload trip, speed governor, thermal overloads, etc.) (When specified I the PO)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N16	Does the drawing include a rating and/or setting of safety device (When specified in the PO)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N17	Does the drawing include provisions of warning plate (When specified in the PO)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N18	Does the drawing include a provision of safety precautions and notes (When specified in the PO)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EQUIPMENT SPECIFICATION REQUIREMENTS				
S1	In addition to the above requirements, did you review the equipment specification to ensure all the information required to be on drawings as invoked by the equipment specification has been included? Some examples would be as follows:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> • Performance curves • Performance data • Order of operation • Wiring diagrams • Finishes of all guiding and seating surfaces • Recommended assembly, torques, or other equivalent procedures for making up all joints and threaded assemblies • Clearance dimensions required for disassembly • Complete details of all replaceable internal trim sufficient to permit manufacture, by ship or tender, of repair parts. • End connection detail and clearance dimensions required for disassembly. • Table of spring data. • Tabulation of required gasket characteristics including all dimensions (with tolerances) and load versus compression characteristics (with tolerances) 			

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