

GENERAL DYNAMICS

Ordnance and Tactical Systems

Seattle Supplier Quality Requirements

Quality Note
[4.28]

Revision	Date
-	05/16/2012

TEST/DIMENSIONAL REPORTS

REVISION HISTORY

REV.	EFFECTIVE DATE	NOTES
-	05/16/2012	Initial Release
The applicable revision of this document is determined by: <ul style="list-style-type: none">• The revision specified on the purchase order, or• The revision in effect at the time of the purchase order if no revision is listed on the purchase order.		

REQUIREMENTS

Unless 28M) is invoked, each shipment shall be accompanied by an Acceptance Data Report consisting of a legible copy of actual test /dimensional results for the items indicated below. Reported results must be identifiable with test parameters, specifications, drawings etc. for product(s) delivered. Reports must bear the date/signature of a supplier representative performing the tests/inspections. The specifications/drawings must be listed, including the revision letter(s) or revision number(s). When parts are serialized, serial numbers shall appear on the report(s).

[4.28.A] Chemical Test (Actual Chemical Composition)

[4.28.B] Mechanical Test (Actuals); Examples: Tensile, Yield, Elongation etc.

[4.28.C] Functional Test; Examples: Lot Acceptance Test, End Item Test, Burn Rate etc.

[4.28.D] Pressure or Leak Test; Examples: Helium Leak Test, Burst Test etc.

[4.28.E] Nondestructive Test; Examples: Dye Penetrant, X-Ray, Magnetic Particle etc.

- i. Personnel certified IAW NAS410
- ii. Personnel certified IAW SNT-TC-1A
- iii. Personnel certified IAW ANSI/ASNT-CP-189

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- [4.28.F] Process Sample Evaluation Test; Examples: Weld Sample, Paint Sample etc.
- [4.28.G] Metallurgical Test; Examples: Grain Size etc.
- [4.28.H] Environmental Test; Examples: Humidity, Salt Spray, Vibration etc.
- [4.28.J] Chemical Test (Typicals)
- [4.28.K] Mechanical Test (Typicals)
- [4.28.L] Electrical Test; Examples: Burn In, Continuity etc.
- [4.28.M] Electrical test reports indicating conformance to applicable specifications shall be maintained by the supplier and shall be available for review by GD-OTS or its customer/government representatives.
- [4.28.N] Dimensional Inspection Report
Dimensional inspection report to include drawing number & revision, lot size/sample size, number accept/reject and actual dimensional results.
- [4.28.P] Physical Test; Examples: Density, Thermal Expansion, Electrical Conductivity etc.
- [4.28.Q] Particle Size Analysis
- [4.28.R] Certificate of Analysis
- [4.28.S] Cleanliness to include specification and level.
- [4.28.T] Copy of supplier drawing (to include any manufacturing notes) to be provided.
- [4.28.U] Destructive Physical Analysis: Reported results must be identifiable with test parameters, specifications and material(s) to product(s) delivered. Reports must include the signature and date of a responsible representative of the agency performing the test(s). Reports are to include the specifications to include revision level and serial number(s) of the parts evaluated when serialized.