

<b>GENERAL DYNAMICS</b> Ordnance and Tactical Systems	ST. PETERSBURG, FLORIDA		
	<b>SUPPLIER QUALITY CLAUSE</b>		
TITLE <b>PERFORMANCE ORIENTED          PACKAGING</b>	QUALITY CLAUSE <p style="text-align: center;">S7</p>	REVISION <p style="text-align: center;">0</p>	EFFECTIVE DATE <p style="text-align: center;">June 9, 2023</p>
<small>Material and/or services supplied to purchase orders must be in accordance with all quality clause requirements and any additional requirements outlined on the Purchase Order.</small>			

## 1.0 REFERENCES

- DI-PACK-81059 (Latest revision unless specified otherwise): Performance Oriented Packaging (POP) Test Report
- 49 CFR Part 178 (Latest revision unless specified otherwise): Specifications for Packaging

## 2.0 REQUIREMENTS

DI-PACK-81059 and the 49 Code of Federal Regulations (CFR) referenced herein shall govern all aspects POP testing and reporting.

The following clarifications are provided:

- Unless noted otherwise elsewhere in the Subcontract/Purchase Order (PO), the tests that are required will be:
  - 49 CFR SECTION 178.603 – Drop Test
  - 49 CFR SECTION 178.606 – Stacking Test
  - 49 CFR SECTION 178.608 – Vibration Standard
- The packaging date code time window that each POP test will cover is either a 12-month window of package manufacturing dates for a single packaging and a 24-month window for combination packaging. Combination packaging refers to packaging that has a complete container inside another container, such as a complete cardboard box inside another box or crate. The mere presence of some type of inner packaging does not constitute a combination package. Any uncertainty about what is or isn't a combination package discussed with General Dynamics Ordnance and Tactical Systems (GD-OTS) and resolved prior to testing and reporting.
- Packaging produced outside of the approved time window can never be used until GD-OTS has approved a test report for that packaging. This will be true regardless of whether the packaging has undergone revision or remain unchanged from prior testing periods.
- No explosive product shall ever be shipped without a GD-OTS pre-approved POP test report. For all United States Government (USG) contracts, this will include the necessity of USG approval as well, so it is important to plan according to the timeframes given in the Quality Clause Deliverables (QCD) below.

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### 3.0 QUALITY CLAUSE DELIVERABLES

Microsoft Office or PDF formats are preferred. All subcontractor data submittals shall be in English. These data items shall be submitted to GD-OTS in accordance with the QCDs as indicated below. The method of submission to GD-OTS St. Petersburg is specified in the General Supplier Quality Clause "S1" located on GD-OTS's Supplier Portal <https://www.gd-ots.com/suppliers/quality-clauses/> under GD-OTS St. Petersburg, FL.

NO.	TITLE	GD-OTS APPROVAL REQUIRED	SUBMITTAL TIMING/FREQUENCY
S7-1	POP Test Report	Yes	Unless otherwise directed in the Subcontract/PO or Special Instructions document provided by GD-OTS, QCD is due 60 calendar days prior to shipment of any explosive material.

### 4.0 REVISION HISTORY

REV	DATE	CHANGE
0	06/09/2023	ECN23315-Initial Release