



# Pacific Scientific Energetic Materials Company

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## Guidance Document

Supplier Quality Code (SQC) – 70 First Article Inspection (FAI)  
As Req.

**Effective Feb 16<sup>th</sup>, 2026**



# SQC 70 Guidance Document

## **SQC 70 – First Article Inspection (FAI) Each Order**

This clause requires a FAI with every order. The FAI shall be conducted on 1 part that is representative of the lot provided unless otherwise specified. The FAI will be performed on all applicable drawings (including notes) and specifications. All suppliers must use the AS9102 format. Supplier must notify PacSci EMC within ten (10) days of notice. The FAI must be maintained by the supplier and be made available for PacSci EMC review upon request. The First Article shall include a ballooned drawing along with the First Article Inspection Report. A copy of the FAIR, along with the part/s used to perform the FAI must be clearly identified and included with the shipment.

The First Article Inspection Report shall include:

- A. Tool part number and serial number.
- B. Cavity ID number (**NOTE: If tool has multiple cavities, the FAI must be performed on each cavity**).

## **Common Actions to Verify**

- 1. Verify that all 3 forms of AS9102 (**current revision**) are filled out accurately**
- 2. Verify that all drawing requirements are measured**
- 3. If more the one cavity was used in the lot production - that EACH cavity has a FAI.**

# SQC 70A Guidance Document

## **SQC 70A – First Article Inspection (FAI) As Req**

The supplier shall perform an initial FAI as defined in SQC 70 if there has been a lapse in production for more than **12 Months** or changes to the manufacturing process or product design. The supplier shall perform a full FAI or partial FAI for affected characteristics, when any of the events outlined under the “Partial or Re-accomplishment of First Article Inspection” Section of AS9102 applies. If the supplier has not had a lapse in production that exceeds **12 Months** and there have not been any changes to the manufacturing process/product design or any other items noted in AS9102, the supplier must state on a certification that:

1. This product has not seen any lapse in production that **exceeded 12 Months (1 Year)**.
2. There have been no changes to the manufacturing process or product design or any other items as noted in AS9102 since the first article was performed.

## **Common Actions to Verify**

1. **Verify that the last FAI is documented with lot number and date of last FAI**
2. **Verify that all drawing requirements are measured**
3. **Verify that there have not been ANY changes to the manufacturing process. Contact PacSci QA of there are any questions prior to completing paperwork.**
4. **If more the one cavity was used in the lot production - that EACH cavity has a FAI.**

# SQC 70B/C Guidance Document

## **SQC 70B – First Article Inspection (FAI) As Req**

This clause has the same requirements of SQC 70A except the lapse in production cannot be greater than 6 months.

## **SQC 70C – First Article Inspection (FAI) As Req**

This clause has the same requirements of SQC 70A except the lapse in production cannot be greater than 24 months (2 years).

## **Common Actions to Verify**

- 1. Verify that the last FAI is documented with lot number and date of last FAI**
- 2. Verify that all drawing requirements are measured**
- 3. Verify that there have not been ANY changes to the manufacturing process. Contact PacSci QA if there are any questions prior to completing paperwork.**
- 4. If more than one cavity was used in the lot production - that EACH cavity has a FAI.**