



# Pacific Scientific Energetic Materials Company

## Guidance Document

Supplier Quality Code (SQC) – 47 Inspection Plan and Report.

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



TRACE ID: 1

# SQC 47 Guidance

## SQC 47 – Inspection Plan and Report

What compliance looks like;

1. Trace ID- N/A or leave blank (this ID number is assigned on receipt at PSEMC)
2. Part No- ensure that the dash number is filled in
3. Vendor name
4. Option:
  1. Vendor No- PSEMC 5 digit code if known (should be on Purchase Order)
  2. Leave blank
5. PO No/WO No- either Purchase Order or internal Work Order number
6. Job No- Vendor assigned lot, Job number, or PSEMC assigned HLP#
7. Lot size- how many units were produced
8. Qty Inspected per inspection level
9. Qty of accepted units
10. Qty of rejected units
11. Suppliers are to fill in the “Actual/Span” field with actual values. Values shall be either variable or Accept/Reject as specified by the inspection document.
 

*Note- See following page for examples of items 8 thru 11*
12. Print, signature, or stamp of inspector with date completed
13. Optional: how long inspection took

**Be careful to:**

- Verify that the all information on the Inspection Plan and Report (IP&R) are the same as the PO.
- Zero rejects are permissible

**INSPECTION PLAN AND REPORT**

DOCUMENT: IPN827716-01 REV: B REL. PER: DCN432191 APPROV. BY: SEE AGILE

PREPARED BY: LARRY G. WEBER DATE: DEC 10, 2024

PART NO.: 827716-01 2 PART REV: D SAMPLING PLAN (PER ANSI/ASQ Z1.4)

TITLE: ADAPTOR INSPECTION TYPE: NORMAL

VENDOR NAME: [REDACTED] 3 AQL: ACCEPT AT 0, REJECT AT 1

VENDOR NO.: [REDACTED] 4 JOB NO.: 13728 6

P.O. NO. / W.O. NO.: 63625 HL 5 LOT SIZE: 386 7

ITEM NO.	CLSF CODE	CHARACTERISTIC	INSPECTION METHOD	LEVEL	NO. INSP.	ACC.	REJ.	ACTUAL / SPAN
1.	MAJ	MATERIAL	CERT.	100%	100%	100%	0	Certs
2.	MIN	NOTE 1	SMI	II	50	50	0	7.015
3.	MIN	NOTE 2	SMI	II	50	50	0	7.015
4.	MIN	NOTE 3	CERT.	100%	100%	100%	0	Cert
5.	MIN	NOTE <span style="border: 1px solid black; padding: 2px;">5</span>	CERT.	100%	100%	100%	0	Cert
SHEET 1 - LEFT VIEW								
6.	MIN	.810 ± .010 HEX	SMI	II	50	50	0	.809 - .815
7.	MIN	2X .388 ± .010	SMI	100%	100%	100%	0	2x .385 - 389
8.	MIN	NOTE <span style="border: 1px solid black; padding: 2px;">6</span> BLACK ANODIZE IS PERMITTED. 2X Ø .045 - .055 VERIFY LOCKWIRE HOLE IS PRESENT AND IS A THRU HOLE.	SMI	100%	100%	100%	0	Note 6 accept 2x Ø .046 - .050
SHEET 1 - MAIN VIEW								
9.	MIN	Ø .810 ± .010	SMI	II	50	50	0	.809 - .815
10.	MIN	Ø .625 - .640	SMI	II	50	50	0	Ø .630 - .636
11.	MIN	ⓈØ .010 ⓈY Ⓢ	SMI	II	50	50	0	TP .004
12.	MIN	Ø .517 - .522	SMI	II	50	50	0	Ø .520 - .521

INSPECTED BY: [REDACTED] 12 DATE: 12/9/25 DURATION: 13

# SQC 47 Guidance

## SQC 47 – Inspection Plan and Report

What **NON** compliance looks like;

Inspection Method	Level	No. Inspected	No. Accept	No. reject	Actual/Sp an	Comment
Cert	100%	386	386	0	Cert	Best, include actual qty
Cert	100%	100%	100%	0	Cert	Marginal, use % not qty
SMI	II	50	50	0	.809-.815	Best, consistent qty and span of measurements
SMI	II	50	48	5	Accept	Inconsistent Qty, lacks measurements
SMI	II	50	50	0	<input checked="" type="checkbox"/>	Actual value required

**Missing Rev Level**

**Inspection Plan and Report**

PART NO.: 850566-01

Rev: \_\_\_\_\_

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# SQC 47 Guidance Document

## **SQC 47 – Inspection Plan and Report**

The Supplier shall complete, sign and date the supplied Inspection Plan & Report (IP&R) or Receiving Inspection Operation Sheet (RIOS) to the specified AQL\* (Acceptable Quality Level) or submit documentation that includes all the requirements of the supplied IP&R or RIOS.

**NOTE:** Suppliers are to fill in the “Actual/Span” blanks with actual values. Values shall be either variable or Accept/Reject as specified by the inspection document. Any out of tolerance values requires a VIR submitted to PacSci EMC prior to delivery (see page 2).

Inspection Plan AQL's\* provided in these plans are for sample size determination only. There is no implied or permissible reject