

PART I – SECTION C – DESCRIPTION/SPECIFICATION
QUALITY ENGINEERING REQUIREMENTS

The following Item, Description, and Documents are applicable to this procurement with the Additions and Exceptions noted.

ITEM: Pin Assembly

DESCRIPTION: As described in the Product Engineering Requirements, Part I – Section C Description/Specifications, including all additions and exceptions.

APPLICABLE DOCUMENTS:

As listed in Part I Section C of Product Engineering Requirements

- a. Army Drawings with revisions and exceptions
- b. Parts Lists with revisions and exceptions
- c. Military Standard Drawings

ADDITIONS AND EXCEPTIONS:

Responsibility for inspection. Unless otherwise specified in the contract, the supplier is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified in the contract, the supplier may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the specifications where such inspections are deemed necessary to assure supplies and services conform to prescribed requirements.

2. Quality conformance inspection. Quality conformance inspection shall be applied to production units being offered for acceptance under the contract. The inspection shall consist of a and b as follows and failure of any unit to pass these inspections or tests shall be cause for rejection of the unit.

- a. Product examination (para. 3.)
- b. Packaging inspection (para. 4.)

3. Product examination. The production units shall be examined to determine compliance with Army drawings, parts lists, and specifications in the contract including any exceptions and additions noted in the Product Engineering Requirements, Part I – Section C – Descriptions/Specifications.

4. Packaging inspection. The item shall be inspected before and after packaging to determine compliance with the preservation, packaging, packing, and marking requirements specified in Section D of the contract.

5. Sampling. Sampling for quality conformance inspection shall be in accordance with TABLES I and II using Verification Levels (VL) listed, unless the contract specifies others, or 100% inspection is specified. The VL and Code Letter (CL) from Table I determine the sampling plan required to assess product compliance to contract and specification requirements.

Inspection or Test	Verification Level
Product examination (para.3.)	IV
Packaging inspection (para.4.)	II

TABLE I CODE LETTERS (CL) FOR SAMPLING PLAN SELECTION

Lot or Production Interval Size	Verification Levels						
	I	II	III	IV	V	VI	VII
	Code Letters						
2 to 170	A	A	A	A	A	A	A
171 to 288	B	A	A	A	A	A	A
289 to 544	C	B	A	A	A	A	A
545 to 960	D	C	B	A	A	A	A
961 to 1632	E	D	C	B	A	A	A
1633 to 3072	E	E	D	C	B	A	A
3073 to 5440	E	E	E	D	C	B	A

a. The term lot or production interval size is defined as a homogeneous collection of units of product from which a representative sample is drawn and inspected 100 percent to determine conformance with applicable requirements.

b. Homogeneity shall be considered to exist provided the inspection lot has been produced by one manufacturer, in one unchanged process, using the same materials and methods in accordance with the same drawings, specifications and their related revisions.

c. Units selected for inspection shall represent only the inspection lot from which they are drawn and shall not be construed to represent any prior or subsequent quantities presented for inspection.

6. Attributes sampling plans. The attributes sampling plans for lots or production intervals are described in Table II

a. The lot or batch shall be considered acceptable only if no nonconforming units are found upon inspection of the random sample of the size listed in Table II.

b. The VL stated in the contract shall be considered the normal stage and shall continue unchanged as long as the product quality is consistent or exceeds specified requirements.

c. Lots or production intervals that consistently meet or exceed all requirements of this procurement action may result in the Government allowing the contractor to use reduced sampling levels.

d. If it becomes evident that product quality is deteriorating, tightened inspection sampling levels may be required by the Government until it is evident that product quality has returned to the required quality.

TABLE II ATTRIBUTES SAMPLING PLAN

CODE LETTER	Verification Levels								
	R	I	II	III	IV	V	VI	VII	T
Sampling Size									
A	3	5	12	32	80	192	512	1280	3072
B	3	6	16	40	96	256	640	1536	4096
C	3	8	20	48	128	320	768	2048	5120
D	4	10	24	64	160	384	1024	2560	6144
E	5	12	32	80	192	512	1280	3072	8192

Notes:

- (1) When the lot size is less than or equal to the sample size, 100% attributes inspection is required.
- (2) One verification level (VL) to the left/right of the specified normal VL is the respective reduced/tightened plan.