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SENSITIVE**

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# **MILITARY STANDARD**

**SAMPLING PROCEDURES AND TABLES  
FOR INSPECTION BY ATTRIBUTES**



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DEPARTMENT OF DEFENSE  
Washington, DC 20301

SAMPLING PROCEDURES AND TABLES FOR INSPECTION BY ATTRIBUTES

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FOREWORD

This publication provides sampling procedures and reference tables for use in planning and conducting inspection by attributes. The sampling concept is based on the probabilistic recurrence of events when a series of lots or batches are produced in a stable environment.

This publication should be used to guide the user in the development of an inspection strategy that provides a cost effective approach to attaining confidence in product compliance with contractual technical requirements. The user is warned of the assumed risks relative to the chosen sample size and AQL.

Military specifications should not contain requirements for use of specific sampling plans, nor should they provide AQL's or LTPD's as a requirement.

Sampling plans for continuous, rather than lot inspection, are contained in MIL-STD-1235, "Single and Multi-Level Continuous Sampling Procedures and Tables for Inspection by Attributes".

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SAMPLING PROCEDURES AND TABLES  
FOR INSPECTION BY ATTRIBUTES

1. SCOPE

1.1 Purpose. This publication establishes lot or batch sampling plans and procedures for inspection by attributes. This publication shall not be interpreted to supercede or conflict with any contractual requirements. The words "accept", "acceptance", "acceptable", etc, refer only to the contractor's use of the sampling plans contained in this standard and do not imply an agreement by the Government to accept any product. Determination of acceptability by the Government shall be as described in contractual documents. The sampling plans described in this standard are applicable to AQL's of .01 percent or higher and are therefore not suitable for applications where quality levels in the defective parts per million range can be realized.

1.2 Application. Sampling plans designated in this publication are applicable, but not limited, to inspection of the following:

- a. End items.
- b. Components and raw materials.
- c. Operations or services.
- d. Materials in process.
- e. Supplies in storage.
- f. Maintenance operations.
- g. Data or records.
- h. Administrative procedures.

These plans are intended primarily to be used for a continuing series of lots or batches. The plans may also be used for the inspection of isolated lots or batches, but, in this latter case, the user is cautioned to consult the operating characteristic curves to find a plan which will yield the desired protection (See 4.11).

2. REFERENCED DOCUMENTS

2.1 Not applicable.

3. DEFINITIONS



3.1 Acceptable Quality Level (AQL). When a continuous series of lots is considered, the AQL is the quality level which, for the purposes of sampling inspection, is the limit of a satisfactory process average (See 3.19).

NOTE: A sampling plan and an AQL are chosen in accordance with the risk assumed. Use of a value of AQL for a certain defect or group of defects indicates that the sampling plan will accept the great majority of the lots or batches provided the process average level of percent defective (or defects per hundred units) in these lots or batches be no greater than the designated value of AQL. Thus, the AQL is a designated value of percent defective (or defects per hundred units) for which lots will be accepted most of the time by the sampling procedure being used. The sampling plans provided herein are so arranged that the probability of acceptance at the designated AQL value depends upon the sample size, being generally higher for large samples than for small ones, for a given AQL. The AQL alone does not identify the chances of accepting or rejecting individual lots or batches but more directly relates to what might be expected from a series of lots or batches, provided the steps indicated in this publication are taken. It is necessary to refer to the operating characteristic curve of the plan to determine the relative risks.

3.2 Average Outgoing Quality (AOQ). For a particular process average, the AOQ is the average quality of outgoing product including all accepted lots or batches, plus all rejected lots or batches after the rejected lots or batches have been effectively 100 percent inspected and all defectives replaced by non-defectives.

3.3 Average Outgoing Quality Limit (AOQL). The AOQL is the maximum AOQ for a given acceptance sampling plan. Factors for computing AOQL values are given in Table V-A for each of the single sampling plans for normal inspection and in Table V-B for each of the single sampling plans for tightened inspection.

3.4 Classification of Defects. A classification of defects is the enumeration of possible defects of the unit of product classified according to their seriousness.

3.5 Critical Defect. A critical defect is a defect that judgement and experience indicate would result in hazardous or unsafe conditions for individuals using, maintaining, or depending upon the product, or a defect that judgement and experience indicate is likely to prevent performance of the tactical function of a major end item such as a ship, aircraft, tank, missile, or space vehicle.

3.6 Critical Defective. A critical defective is a unit of product which contains one or more critical defects and may also contain major and/or minor defects.

3.7 Defect. A defect is any nonconformance of the unit of product with specified requirements.

3.8 Defective. A defective is a unit of product which contains one or more defects.

3.9 Defects per Hundred Units. The number of defects per hundred units of any given quantity of units of product is one hundred times the number of defects contained therein (one or more defects being possible in any unit of product) divided by the total number of units of product, i.e.:

$$\text{Defects per hundred units} = \frac{\text{Number of defects} \times 100}{\text{Number of units inspected}}$$

3.10 Inspection. Inspection is the process of measuring, examining, testing, or otherwise comparing the unit of product with the requirements.

3.11 Inspection by Attributes. Inspection by attributes is inspection whereby either the unit of product is classified simply as defective or non-defective, or the number of defects in the unit of product is counted, with respect to a given requirement or set of requirements.

3.12 Lot or Batch. The term lot or batch shall mean "inspection lot" or "inspection batch", i.e., a collection of units of product from which a sample is to be drawn and inspected and may differ from a collection of units designated as a lot or batch for other purposes (e.g., production, shipment, etc.).

3.13 Lot or Batch Size. The lot or batch size is the number of units of product in a lot or batch.

3.14 Major Defect. A major defect is a defect, other than critical, that is likely to result in failure, or to reduce materially the usability of the unit of product for its intended purpose.

3.15 Major Defective. A major defective is a unit of product which contains one or more major defects, and may also contain minor defects but contains no critical defect.

3.16 Minor Defect. A minor defect is a defect that is not likely to reduce materially the usability of the unit of product for its intended purpose, or is a departure from established standards having little bearing on the effective use or operation of the unit.

3.17 Minor Defective. A minor defective is a unit of product which contains one or more minor defects but contains no critical or major defect.

3.18 Percent Defective. The percent defective of any given quantity of units of product is one hundred times the number of defective units of product contained therein divided by the total number of units of product, i.e.:

$$\text{Percent Defective} = \frac{\text{Number of defectives} \times 100}{\text{Number of units inspected}}$$

3.19 Process Average. The process average is the average percent defective or average number of defects per hundred units (whichever is applicable) of product submitted by the supplier for original inspection. Original inspection is the first inspection of a particular quantity of product as distinguished from the inspection of product which has been resubmitted after prior rejection.

3.20 Sample. A sample consists of one or more units of product drawn from a lot or batch, the units of the sample being selected at random without regard to their quality. The number of units of product in the sample is the sample size.

3.21 Sample Size Code Letter. The sample size code letter is a device used along with the AQL for locating a sampling plan on a table of sampling plans.

3.22 Sampling Plan. A sampling plan indicates the number of units of product from each lot or batch which are to be inspected (sample size or series of sample sizes) and the criteria for determining the acceptability of the lot or batch (acceptance and rejection numbers).

3.23 Unit of Product. The unit of product is the thing inspected in order to determine its classification as defective or non-defective or to count the number of defects. It may be a single article, a pair, a set, a length, an area, an operation, a volume, a component of an end product, or the end product itself. The unit of product may or may not be the same as the unit of purchase, supply, production, or shipment.

#### 4. GENERAL REQUIREMENTS

4.1 Written Procedures. Written procedures are ordinarily developed and made available for the Government representative's review, upon request. When the written procedures indicate use of this standard, they shall comply with the requirements of this standard and reference appropriate parts as necessary.

4.2 Nonconformance. The extent of nonconformance of product shall be expressed either in terms of percent defective or in terms of defects per hundred units.

4.3 Formation and Identification of Lots or Batches. The product shall be assembled into identifiable lots, sublots, batches, or in such other manner as may be prescribed. Each lot or batch shall, as far as is practicable, consist of units of product of a single type, grade, class, size, and composition, manufactured under essentially the same conditions, and at essentially the same time. The lots or batches shall be identified by the contractor and shall be kept intact in adequate and suitable storage space.

4.4 AQL.

4.4.1 AQL Use. The AQL, together with the Sample Size Code Letter, is used for indexing the sampling plans provided herein.

4.4.2 Limitation. The selection or use of an AQL shall not imply that the contractor has the right to supply any defective unit of product.

4.4.3 Choosing AQLs. Different AQLs may be chosen for groups of defects considered collectively, or for individual defects. An AQL for a group of defects may be chosen in addition to AQLs for individual defects, or subgroups, within that group. AQL values of 10.0 or less may be expressed either in percent defective or in defects per hundred units; those over 10.0 shall be expressed in defects per hundred units only.

4.5 Sampling.

4.5.1 Representative (Stratified) Sampling. When appropriate, the number of units in the sample shall be selected in proportion to the size of sublots or sub-batches, or parts of the lot or batch, identified by some rational criterion. When representative sampling is used, the units from each subplot, sub-batch or part of the lot or batch shall be selected at random.

4.5.2 Time of Sampling. A sample may be drawn after all the units comprising the lot or batch have been assembled, or sample units may be drawn during assembly of the lot or batch, in which case the size of the lot or batch will be determined before any sample units are drawn. If the sample units are drawn during assembly of the lot or batch, and if the rejection number is reached before the lot is completed, that portion of the lot already completed shall be rejected. The cause of the defective product shall be determined and corrective action taken, after which a new lot or batch shall be begun.

4.5.3 Double or Multiple Sampling. When double or multiple sampling is to be used, each sample shall be selected over the entire lot or batch.

4.6 Inspection Procedures. Normal inspection will be used at the start of inspection. Normal, tightened or reduced inspection shall continue unchanged for each class of defects or defectives on successive lots or batches except where the switching procedures given below require change. The switching procedures shall be applied to each class of defects or defectives independently.

4.7 Switching Procedures.

4.7.1 Normal to Tightened. When normal inspection is in effect, tightened inspection shall be instituted when 2 out of 2, 3, 4, or 5 consecutive lots or batches have been rejected on original inspection (i.e., ignoring resubmitted lots or batches for this procedure).

4.7.2 Tightened to Normal. When tightened inspection is in effect, normal inspection shall be instituted when 5 consecutive lots or batches have been considered acceptable on original inspection.

4.7.3 Normal to Reduced. When normal inspection is in effect, reduced inspection shall be instituted provided that all of the following conditions are satisfied:

a. The preceding 10 lots or batches (or more, as indicated by the note to Table VIII) have been on normal inspection and all have been accepted on original inspection; and

b. The total number of defectives (or defects) in the samples from the preceding 10 lots or batches (or such other number as was used for condition "a" above) is equal to or less than the applicable number given in Table VIII. If double or multiple sampling is in use, all samples inspected should be included, not "first" samples only; and

c. Production is at a steady rate; and

d. Reduced inspection is considered desirable.

4.7.4 Reduced to Normal. When reduced inspection is in effect, normal inspection shall be instituted if any of the following occur on original inspection:

a. A lot or batch is rejected; or

b. A lot or batch is considered acceptable under the procedures of 4.10.1.4, or

c. Production becomes irregular or delayed; or

d. Other conditions warrant that normal inspection shall be instituted.

4.8 Discontinuation of Inspection. If the cumulative number of lots not accepted in a sequence of consecutive lots on original tightened inspection reaches five, the acceptance procedures of this standard shall be discontinued. Inspection under the provisions of this standard shall not be resumed until corrective action has been taken. Tightened inspection shall then be used as if 4.7.1 had been invoked.

#### 4.9 Sampling Plans.

4.9.1 Inspection Level. The inspection level determines the relationship between the lot or batch size and the sample size. The inspection level to be used for any particular requirement will be as prescribed by the contractor's written procedures. Three inspection levels: I, II, and III, are given in Table I for general use (see 4.1). Normally, Inspection Level II is used. However, Inspection Level I may be used when less discrimination is needed, or Level III may be used for greater discrimination. Four additional special levels: S-1, S-2, S-3, and S-4, are given in the same table and may be used where relatively small sample sizes are necessary and large sampling risks can or must be tolerated.

NOTE: In the selection of inspection levels S-1 to S-4, care must be exercised to avoid AQLs inconsistent with these inspection levels. In other words, the purpose of the special inspection levels is to keep samples small when necessary. For instance, the code letters under S-1 go no further than D, equivalent to a single sample of size 8, but it is of no use to choose S-1 if the AQL is 0.10 percent for which the minimum sample is 125.

4.9.2 Code Letters. Sample sizes are designated by code letters. Table I shall be used to find the applicable code letter for the particular lot or batch size and the prescribed inspection level.

4.9.3 Obtaining Sampling Plan. The AQL and the code letter shall be used to obtain the sampling plan from Tables II, III, or IV. When no sampling plan is available for a given combination of AQL and code letter, the tables direct the user to a different letter. The sample size to be used is given by the new code letter, not by the original letter. If this procedure leads to different sample sizes for different classes of defects, the code letter corresponding to the largest sample size derived may be used for all classes of defects. As an alternative to a single sampling plan with an acceptance number of 0, the plan with an acceptance number of 1 with its correspondingly larger sample size for a designated AQL (where available), may be used.

4.9.4 Types of Sampling Plans. Three types of sampling plans: Single, Double, and Multiple, are given in Tables II, III, and IV, respectively. When several types of plans are available for a given AQL and code letter, any one may be used. A decision as to type of plan, either single, double, or multiple, when available for a given AQL and code letter, will usually be based upon the comparison between the administrative difficulty and the average sample sizes of the available plans. The average sample size of multiple plans is less than for double (except in the case corresponding to single acceptance number 1) and both of these are always less than a single sample size (see Table IX). Usually the administrative difficulty for single sampling and the cost per unit of the sample are less than for double or multiple.

#### 4.10 Determination of Acceptability.

4.10.1 Percent Defective Inspection. To determine acceptability of a lot or batch under percent defective inspection, the applicable sampling plan shall be used in accordance with 4.10.1.1, 4.10.1.2, 4.10.1.3, and 4.10.1.4.

4.10.1.1 Single Sampling Plan. The number of sample units inspected shall be equal to the sample size given by the plan. If the number of defectives found in the sample is equal to or less than the acceptance number, the lot or batch shall be considered acceptable. If the number of defectives is equal to or greater than the rejection number, the lot or batch shall be rejected.

4.10.1.2 Double Sampling Plan. A number of sample units equal to the first sample size given by the plan shall be inspected. If the number of defectives found in the first sample is equal to or less than the first acceptance number, the lot or batch shall be considered acceptable. If the number of defectives found in the first sample is equal to or greater than the first rejection number, the lot or batch shall be rejected. If the number of defectives found in the first sample is between the first acceptance and rejection numbers, a second sample of the same size shall be inspected. The number of defectives found in the first and second samples shall be accumulated. If the cumulative number of defectives is equal to or less than the second acceptance number, the lot or batch shall be considered acceptable. If the cumulative number of defectives is equal to or greater than the second rejection number, the lot or batch shall be rejected.

4.10.1.3 Multiple Sample Plan. Under multiple sampling, the procedure shall be similar to that specified in 4.10.1.2, except that the number of successive samples required to reach a decision may be as many as seven.

4.10.1.4 Special Procedure for Reduced Inspection. Under reduced inspection, the sampling procedure may terminate without either acceptance or rejection criteria having been met. In these circumstances, the lot or batch will be considered acceptable, but normal inspection will be reinstated starting with the next lot or batch (see 4.7.4.b).

4.10.2 Defects per Hundred Units Inspection. To determine the acceptability of a lot or batch under defects per hundred units inspection, the procedure specified for percent defective inspection above shall be used, except that the word "defects" shall be substituted for "defectives".

4.11 Limiting Quality Protection. The sampling plans and associated procedures given in this publication were designed for use where the units of product are produced in a continuing series of lots or batches over a period of time. However, if the lot or batch is of an isolated nature, it is desirable to limit the selection of sampling plans to those, associated with a designated AQL value, that provide not less than a specified limiting quality protection. Sampling plans for this purpose can be selected by choosing a Limiting Quality (LQ) and a consumer's risk to be associated with it. Tables VI and VII give values of LQ for the commonly used consumer's risks of 10 percent and 5 percent respectively. If a different value of consumer's risk is required, the O.C. curves and their tabulated values may be used. The concept of LQ may also be useful in specifying the AQL and Inspection Levels for a series of lots or batches, thus fixing minimum sample size where there is some reason for avoiding (with more than a given consumer's risk) more than a limiting proportion of defectives (or defects) in any single lot or batch.

#### 4.12 Curves.

4.12.1 Operating Characteristic Curves. The operating characteristic curves for normal inspection, shown in Table X, indicate the percentage of lots or batches which may be expected to be accepted under the various sampling plans for a given process quality. The curves shown are for single sampling; curves for double and multiple sampling are matched as closely as practicable. The O.C. curves shown for AQLs greater than 10.0 are based on the Poisson distribution and are applicable for defects per hundred units inspection; those for AQLs of 10.0 or less and sample sizes of 80 or less are based on the binomial distribution and are applicable for percent defective inspection; those for AQLs of 10.0 or less and sample sizes larger than 80 are based the Poisson distribution and are applicable either for defects per hundred units inspection, or for percent defective inspection (the Poisson distribution being an adequate approximation to the binomial distribution under these conditions). Tabulated values, corresponding to selected values or probabilities of acceptance ( $P_a$ , in percent) are given for each of the curves shown, and, in addition, for tightened inspection, and for defects per hundred units for AQLs of 10.0 or less and sample sizes of 80 or less.

4.12.2 Average Sample Size Curves. Average sample size curves for double and multiple sampling are in Table IX. These show the average sample sizes which may be expected to occur under the various sampling plans for given levels of process quality. The curves assume no curtailment of inspection and are approximate to the extent that they are based upon the Poisson distribution, and that the sample sizes for double and multiple sampling are assumed to be  $0.631n$  and  $0.25n$  respectively, where  $n$  is the equivalent sample size.



SECTION 5  
TABLES AND CURVES

TABLE I—Sample size code letters

(see 4.9.1 and 4.9.2)

Lot or batch size	Special inspection levels				General inspection levels		
	S-1	S-2	S-3	S-4	I	II	III
2 to 8	A	A	A	A	A	A	B
9 to 15	A	A	A	A	A	B	C
16 to 25	A	A	B	B	B	C	D
26 to 50	A	B	B	C	C	D	E
51 to 90	B	B	C	C	C	E	F
91 to 150	B	B	C	D	D	F	G
151 to 280	B	C	D	E	E	G	H
281 to 500	B	C	D	E	F	H	J
501 to 1200	C	C	E	F	G	J	K
1201 to 3200	C	D	E	G	H	K	L
3201 to 10000	C	D	F	G	J	L	M
10001 to 35000	C	D	F	H	K	M	N
35001 to 150000	D	E	G	J	L	N	P
150001 to 500000	D	E	G	J	M	P	Q
500001 and over	D	E	H	K	N	Q	R

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TABLE II-A—Single sampling plans for normal inspection (Master table)

(see 4.9.3 and 4.9.4)

Sample size code letter	Acceptable Quality Levels (normal inspection)																		
	0.010	0.015	0.025	0.040	0.065	0.10	0.15	0.25	0.40	0.65	1.0	1.5	2.5	4.0	6.5	10	15	25	40
Sample size	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac
	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac
A	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
B	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
C	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
D	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
E	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
F	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
G	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
H	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
J	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
K	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
L	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
M	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
N	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
P	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
Q	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
R	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0

- Use first sampling plan below arrow.
- Use first sampling plan above arrow.
- Acceptance number.
- Rejection number.

SINGLE  
NORMAL

TABLE II-B—Single sampling plans for tightened inspection (Master table)

(see 4.9.3 and 4.9.4)

Sample size code letter		Acceptable Quality Levels (tightened inspection)																								
		0.010	0.015	0.025	0.040	0.065	1.0	1.5	2.5	4.0	6.5	10	15	25	40	65	100	150	250	400	650	1000				
Sample size code letter	Sample size	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re			
		Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re			
		Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re			
		Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re			
A	2	→																								
B	3	→																								
C	5	→																								
D	8	→																								
E	13	→																								
F	20	→																								
G	32	→																								
H	50	→																								
I	80	→																								
K	125	→																								
L	200	→																								
M	315	→																								
N	500	→																								
P	800	→																								
O	1250	→																								
R	2000	→																								
S	3150	→																								

— Use first sampling plan below arrow.  
 — Use first sampling plan above arrow.  
 Ac = Acceptance number.  
 Re = Rejection number.

TABLE II-C—Single sampling plans for reduced inspection (Master table)

(see 4.9.3 and 4.9.4)

Acceptable Quality Levels (reduced inspection) <sup>1</sup>																						
Sample size code letter	0.010	0.015	0.025	0.040	0.065	1.0	1.5	2.5	4.0	6.5	10	15	25	40	65	100	150	250	400	650	1000	
A	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	
B	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	
C	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	
D	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	
E	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	
F	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	
G	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	
H	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	
J	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	
K	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	
L	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	
M	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	
N	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	
P	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	
Q	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	
R	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	

Use first sampling plan below arrow. If sample size equals or exceeds lot or batch size, do 100 percent inspection.

Use first sampling plan above arrow.

Ac = Acceptance number.

Re = Rejection number.

If the acceptance number has been exceeded, but the rejection number has not been reached, accept the lot, but reinspect normal inspection (see 4.10.1.4)

TABLE III-A—Double sampling plans for normal inspection (Master table)

(see 4.9.3 and 4.9.4)

Acceptable Quality Levels (annual inspection)																												
Sample code letter	Sample size	Sample size code	0.010	0.015	0.025	0.040	0.065	0.10	0.15	0.25	0.40	0.65	1.0	1.5	2.5	4.0	6.5	10	15	25	40	65	100	150	250	400	650	1000
A			Ac	Ac	Ac	Ac	Ac	Ac	Ac	Ac	Ac	Ac	Ac	Ac	Ac	Ac	Ac	Ac	Ac	Ac	Ac	Ac	Ac	Ac	Ac	Ac	Ac	Ac
B	2	2	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First
C	3	3	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First
D	5	5	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First
E	8	8	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First
F	13	13	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First
G	20	20	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First
H	37	37	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First
I	50	50	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First
J	80	80	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First
K	125	125	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First
L	250	250	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First
M	400	400	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First
N	650	650	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First
O	1000	1000	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First
P	1250	1250	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First
Q	1600	1600	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First
R	2500	2500	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First	First

- Use first sampling plan below error. If sample size equals or exceeds the lot size, do 100 percent inspection.
- Use first sampling plan above error
- Acceptance number
- Rejection number
- Use corresponding single sampling plan (as shown), use double sampling plan below, where available

TABLE III-B—Double sampling plans for tightened inspection (Master table)  
(see 4.9.3 and 4.9.4)

Sample size code letter	Sample size	Cumulative sample size	Acceptable quality levels (tightened inspection)																65	100	150	250	500	1000
			0.010	0.015	0.025	0.040	0.063	0.100	0.150	0.250	0.400	0.630	1.000	1.500	2.500	4.000	6.300	10.000						
			Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re						
A			→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→
B	First Second	2 4	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→
C	First Second	3 6	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→
D	First Second	5 10	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→
E	First Second	8 16	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→
F	First Second	13 26	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→
G	First Second	20 40	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→
H	First Second	32 64	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→
J	First Second	50 100	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→
K	First Second	80 160	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→
L	First Second	125 250	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→
M	First Second	200 400	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→
N	First Second	315 630	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→
P	First Second	500 1000	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→
Q	First Second	800 1600	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→
R	First Second	1250 2500	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→
S	First Second	2000 4000	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→

→ Use first sampling plan below arrow  
 → Use first sampling plan above arrow  
 Ac Acceptance number  
 Re Rejection number  
 \* Use corresponding single sampling plan (or, alternatively, use double sampling plan below, where available).

DOUBLE  
TIGHTENED

(see 4.9.3 and 4.9.4)

- Acceptance number.
- Rejection number.
- Use corresponding single sampling plan (see above).
- If, after the second sample, the acceptance number has not been reached, accept the lot, but at some usual inspection (see 4.10.4.4).

**DOUBLE  
REDUCED**



TABLE IV-A—Multiple sampling plans for normal inspection (Master table)

(see 4.9.3 and 4.9.4)

Sample size code letter	Sample size	First sample size	Acceptable quality levels (normal inspection)																1000
			0.010	0.015	0.025	0.040	0.065	0.10	0.15	0.25	0.40	0.65	1.00	1.50	2.50	4.00	6.50	10.00	
A	10	First	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
		Second	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
		Third	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
		Fourth	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
		Fifth	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
B	15	First	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
		Second	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
		Third	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
		Fourth	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
		Fifth	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
C	20	First	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
		Second	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
		Third	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
		Fourth	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
		Fifth	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20

- Use first sampling plan below unless (a) in continuation of table on following page, when necessary; (b) sample size equals or exceeds lot or batch size, in 100 percent inspection.
- Use first sampling plan above name.
- Acceptance number.
- Rejection number.
- Use corresponding double sampling plan for alternately, one multiple sampling plan below, when available.
- Use corresponding single sampling plan for alternately, one multiple sampling plan below, when available.
- Acceptance and rejection numbers permitted at this sample size.

MULTIPLE  
NORMAL

**MULTIPLE  
NORMAL**

- the first sampling plot has more. If sample also equals or exceeds the last year, do (B) percent increase
- the last sampling plot above zero but not reaching zero, above zero (near)
- decrease number
- Report zero number
- the corresponding single sampling plot for chronically, one sample plus below, above (scattered)
- decrease or no present in this sample area.

(see 4.9.3 and 4.9.4)

[illegible]

... ..

Use only the following guidelines:

Department of Health and Human Services  
Washington, D.C. 20492

Argentin 001 21641

Use our special single copy for almost nothing.

Use color spreadsheets available from the National Institutes of Health (NIH) and National Cancer Institute (NCI) to help you design your study. Agreement on personnel at this sample size

TABLE IV-B—Multiple sampling plans for tightened inspection (Master table)  
(Continued)

(see 4.9.3 and 4.9.4)

Sample size code letter	Sample size	First sample size	Acceptable Quality Levels ( tightened inspection )																Lot size range
			0.010	0.025	0.040	0.055	0.075	0.10	0.15	0.25	0.40	0.65	1.0	1.5	2.5	4.0	6.5	10	
A	First sample size	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	1000
	Second sample size	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	1000
	Third sample size	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	1000
	Fourth sample size	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	1000
	Acceptance number	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1000
B	First sample size	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	1000
	Second sample size	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	1000
	Third sample size	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	1000
	Fourth sample size	432	432	432	432	432	432	432	432	432	432	432	432	432	432	432	432	432	1000
	Acceptance number	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1000
C	First sample size	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	1000
	Second sample size	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	1000
	Third sample size	432	432	432	432	432	432	432	432	432	432	432	432	432	432	432	432	432	1000
	Fourth sample size	864	864	864	864	864	864	864	864	864	864	864	864	864	864	864	864	864	1000
	Acceptance number	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1000
D	First sample size	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	1000
	Second sample size	432	432	432	432	432	432	432	432	432	432	432	432	432	432	432	432	432	1000
	Third sample size	864	864	864	864	864	864	864	864	864	864	864	864	864	864	864	864	864	1000
	Fourth sample size	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1000
	Acceptance number	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	1000
E	First sample size	432	432	432	432	432	432	432	432	432	432	432	432	432	432	432	432	432	1000
	Second sample size	864	864	864	864	864	864	864	864	864	864	864	864	864	864	864	864	864	1000
	Third sample size	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1000
	Fourth sample size	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	1000
	Acceptance number	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	1000
F	First sample size	864	864	864	864	864	864	864	864	864	864	864	864	864	864	864	864	864	1000
	Second sample size	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1000
	Third sample size	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	1000
	Fourth sample size	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	1000
	Acceptance number	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	1000
G	First sample size	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1000
	Second sample size	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	1000
	Third sample size	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	1000
	Fourth sample size	13824	13824	13824	13824	13824	13824	13824	13824	13824	13824	13824	13824	13824	13824	13824	13824	13824	1000
	Acceptance number	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	1000
H	First sample size	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	1000
	Second sample size	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	1000
	Third sample size	13824	13824	13824	13824	13824	13824	13824	13824	13824	13824	13824	13824	13824	13824	13824	13824	13824	1000
	Fourth sample size	27648	27648	27648	27648	27648	27648	27648	27648	27648	27648	27648	27648	27648	27648	27648	27648	27648	1000
	Acceptance number	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	1000
I	First sample size	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	6912	1000
	Second sample size	13824	13824	13824	13824	13824	13824	13824	13824	13824	13824	13824	13824	13824	13824	13824	13824	13824	1000
	Third sample size	27648	27648	27648	27648	27648	27648	27648	27648	27648	27648	27648	27648	27648	27648	27648	27648	27648	1000
	Fourth sample size	55296	55296	55296	55296	55296	55296	55296	55296	55296	55296	55296	55296	55296	55296	55296	55296	55296	1000
	Acceptance number	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	1000

Use first sampling plan for lot size. If sample size equals or exceeds lot or batch size, do 100 percent inspection.  
Use first sampling plan shown unless lot size is greater than 1000, then use second plan, unless necessary.  
Acceptance number.  
Inspection number.  
Use corresponding single sampling plan for alternative, one multiple sampling plan later, when available.  
Acceptance and rejection numbers at this sample size.

MULTIPLE  
TIGHTENED

TABLE IV-C—Multiple sampling plans for reduced inspection (Master table)

(see 4.9.3 and 4.9.4)

Sample size code letter	Sample size	Com- mitive sample size	Acceptable Quality Levels (reduced inspection) ↓																							
			0.010	0.015	0.025	0.040	0.065	1.0	1.5	2.5	4.0	6.5	10	15	25	40	65	100	150	250	400	650	1000			
			Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re		
A			→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→			
B			→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→			
C			→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→			
D			→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→			
E			→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→			
F	First Second Third Fourth Fifth Sixth Seventh	2 4 6 8 10 12 14	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→			
G	First Second Third Fourth Fifth Sixth Seventh	3 5 7 9 11 13 15	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→			
H	First Second Third Fourth Fifth Sixth Seventh	5 7 9 11 13 15 17	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→			
I	First Second Third Fourth Fifth Sixth Seventh	7 9 11 13 15 17 19	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→			
J	First Second Third Fourth Fifth Sixth Seventh	9 11 13 15 17 19 21	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→			
K	First Second Third Fourth Fifth Sixth Seventh	11 13 15 17 19 21 23	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→			

- Use first sampling plan below given (refer to continuation of table on following page, when necessary). If sample size equals, or exceeds lot or batch size, do 100 percent inspection.
- Use first sampling plan above given.
- Acceptance number
- Rejection number
- Use corresponding single sampling plan for alternativity; use multiple sampling plan below, where available).
- Use corresponding double sampling plan for alternativity; use multiple sampling plan below, where available).
- Acceptance not permitted in this sample size.
- If, after the first sample, the acceptance number has been exceeded, but the rejection number has not been reached, accept the lot but postpone second inspection (page 4.10.1.4).

TABLE IV.C—Multiple sampling plans for reduced inspection (Master table)  
(Continued)  
(see 4.9.3 and 4.9.4)

MIL-STD-105E

			Acceptable Quality Levels (induced inspections)																											
Sample size code letter	Sample size	Com- plete sample size	0.010	0.015	0.025	0.040	0.065	1.0	1.5	2.5	4.0	6.5	10	15	25	40	65	100	150	250	400	650	1000							
			Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re						
L	First	20	→																											
	Second	20	→																											
	Third	20	→																											
	Fourth	20	→																											
	Fifth	20	→																											
	Sixth	20	→																											
B	First	32	→																											
	Second	32	→																											
	Third	32	→																											
	Fourth	32	→																											
	Fifth	32	→																											
	Sixth	32	→																											
H	First	50	→																											
	Second	50	→																											
	Third	50	→																											
	Fourth	50	→																											
	Fifth	50	→																											
	Sixth	50	→																											
P	First	80	→																											
	Second	80	→																											
	Third	80	→																											
	Fourth	80	→																											
	Fifth	80	→																											
	Sixth	80	→																											
Q	First	125	→																											
	Second	125	→																											
	Third	125	→																											
	Fourth	125	→																											
	Fifth	125	→																											
	Sixth	125	→																											
R	First	200	→																											
	Second	200	→																											
	Third	200	→																											
	Fourth	200	→																											
	Fifth	200	→																											
	Sixth	200	→																											

(The first sampling plan below arrow. If sample also equals, or exceeds, lot or lot's size, do 100 percent inspection.)  
 (The first sampling plan above arrow (refer to preceding page when necessary).)  
 Acceptance number  
 Rejection number  
 Acceptance and rejection numbers  
 If, after the final sample, the acceptance number has been exceeded, but the rejection number has not, accept the lot, but initiate annual inspection (see 4.10 i.4)

MULTIPLE  
REDUCED

TABLE V-A — Average Outgoing Quality Limit Factors for Normal Inspection (Single sampling) \*

(see 3.3)

Code Letter	Sample Size	Acceptable Quality Level																	
		0.010	0.015	0.025	0.040	0.065	0.10	0.15	0.25	0.40	0.65	1.0	1.5	2.5	4.0	6.5	10	15	25
A	2															18		42	69
B	3														12		28	46	65
C	5													7.4			17	27	39
D	8												4.6				11	24	40
E	13											2.8			6.5	11	15	24	34
F	20					1.8								4.2	6.9	9.7	16	22	33
G	32									1.2				4.3	6.1	9.9	14	21	29
H	50								0.74				1.7	3.9	6.3	9.0	13	19	29
J	80							0.46					1.1	2.4	4.0	5.6	8.2	12	18
K	125									0.67	1.1	1.6	2.5	3.6	5.2	7.5	12		
L	200								0.42	0.69	0.97	1.6	2.2	3.3	4.7	7.3			
M	315							0.27	0.44	0.62	1.00	1.4	2.1	3.0	4.7				
N	500			0.074			0.17	0.27	0.39	0.63	0.90	1.3	1.9	2.9					
P	800		0.046			0.11	0.17	0.24	0.40	0.56	0.82	1.2	1.8						
Q	1250	0.029		0.067	0.11	0.16	0.25	0.36	0.52	0.75	1.2								
R	2000		0.042	0.069	0.097	0.16	0.22	0.33	0.47	0.73									

\* Notes: For the exact AOQL, the above values must be multiplied by (1 -  $\frac{\text{Sample size}}{\text{Lot or Batch size}}$ )

AOQL  
NORMAL

TABLE V.B—Average Outgoing Quality Limit Factors for Tightened Inspection (Single sampling)\*

(see 3.3)

Code letter	Sample size	Acceptable Quality Level																		
		0.010	0.015	0.025	0.040	0.063	0.10	0.15	0.25	0.40	0.63	1.0	1.5	2.5	4.0	6.3	10	15	25	40
A	2																			
B	3																			
C	5																			
D	8																			
E	13																			
F	20																			
G	32																			
H	50																			
I	80																			
J	125																			
K	200																			
L	320																			
M	500																			
N	800																			
O	1250																			
P	2000																			
Q	3150																			

\* Note: For the exact AOQL, the above values must be multiplied by  $(1 - \frac{\text{Sample size}}{\text{Lot or Batch size}})$  (see 11.4)



TABLE VI-A—Limiting Quality (in percent defective) for which  $P_d = 10$  Percent  
(for Normal Inspection, Single sampling)

(see 4.11)

Code letter	Sample size	Acceptable Quality Level														
		0.010	0.015	0.025	0.040	0.065	0.10	0.15	0.25	0.40	0.65	1.0	1.5	2.5	4.0	6.5
A	2															
B	3															
C	5															
D	8															
E	13															
F	20															
G	32															
H	50															
J	80															
K	125															
L	200															
M	315															
N	500	0.29														
P	800															
Q	1250															
R	2000	0.18														

LQ (DEFECTIVES)  
10.0%

TABLE VI-B—Limiting Quality (in defects per hundred units) for which  $P_d = 10$  Percent  
(for Normal Inspection, Single sampling)

(see 4.11)

Code letter	Sample size	Acceptable Quality Level																				
		0.010	0.015	0.025	0.040	0.065	1.0	1.5	2.5	4.0	6.5	10	15	25	40	65	100	150	250	400	650	1000
A	2									120			200	270	330	460	590	770	1000	1400	1900	
B	3								77			130	180	220	310	390	510	670	940	1300	1800	
C	5								46		78	110	130	190	240	310	400	540	770	1100		
D	8									49	67	84	120	150	190	250	350	480	670			
E	13						18			41	51	71	91	120	160	220	300	410				
F	20					12				20	27	33	46	59	77	100	140					
G	32				7.2					12	17	21	29	37	48	63	88					
H	50						7.8	11	13	19	24	31	40	56								
J	80					4.9	6.7	8.4	12	15	19	25	35									
K	125																					
L	200																					
M	315																					
N	500																					
P	800																					
Q	1250																					
R	2000																					

TABLE VII-A—Limiting Quality (in percent defective) for which  $P_d = 5$  Percent  
(for Normal Inspection, Single sampling)

(see 4.11)

Code letter	Sample size	Acceptable Quality Level										
		0.010	0.015	0.025	0.040	0.065	0.10	0.15	0.25	0.40	0.65	1.0
A	2											
B	3											
C	5											
D	8											
E	13											
F	20											
G	32											
H	50											
J	80											
K	125											
L	200											
M	315											
N	500											
P	800											
Q	1250											
R	2000											

LQ (DEFECTIVES)  
5.0%

TABLE VII-B—Limiting Quality (in defects per hundred units) for which  $P_a = 5$  Percent  
(for Normal Inspection, Single sampling)

(see 4.11)

Code letter	Sample size	Acceptable Quality Level																									
		0.010	0.015	0.025	0.040	0.065	0.10	0.15	0.25	0.40	0.65	1.0	1.5	2.5	4.0	6.5	10	15	25	40	65	100	150	250	400	650	1000
A	2																										
B	3																										
C	5																										
D	8																										
E	13																										
F	20																										
G	32																										
H	50																										
J	80																										
K	125																										
L	200																										
M	315																										
N	500																										
P	800																										
Q	1250																										
H	2000																										

TABLE VIII—Limit Numbers for Reduced Inspection

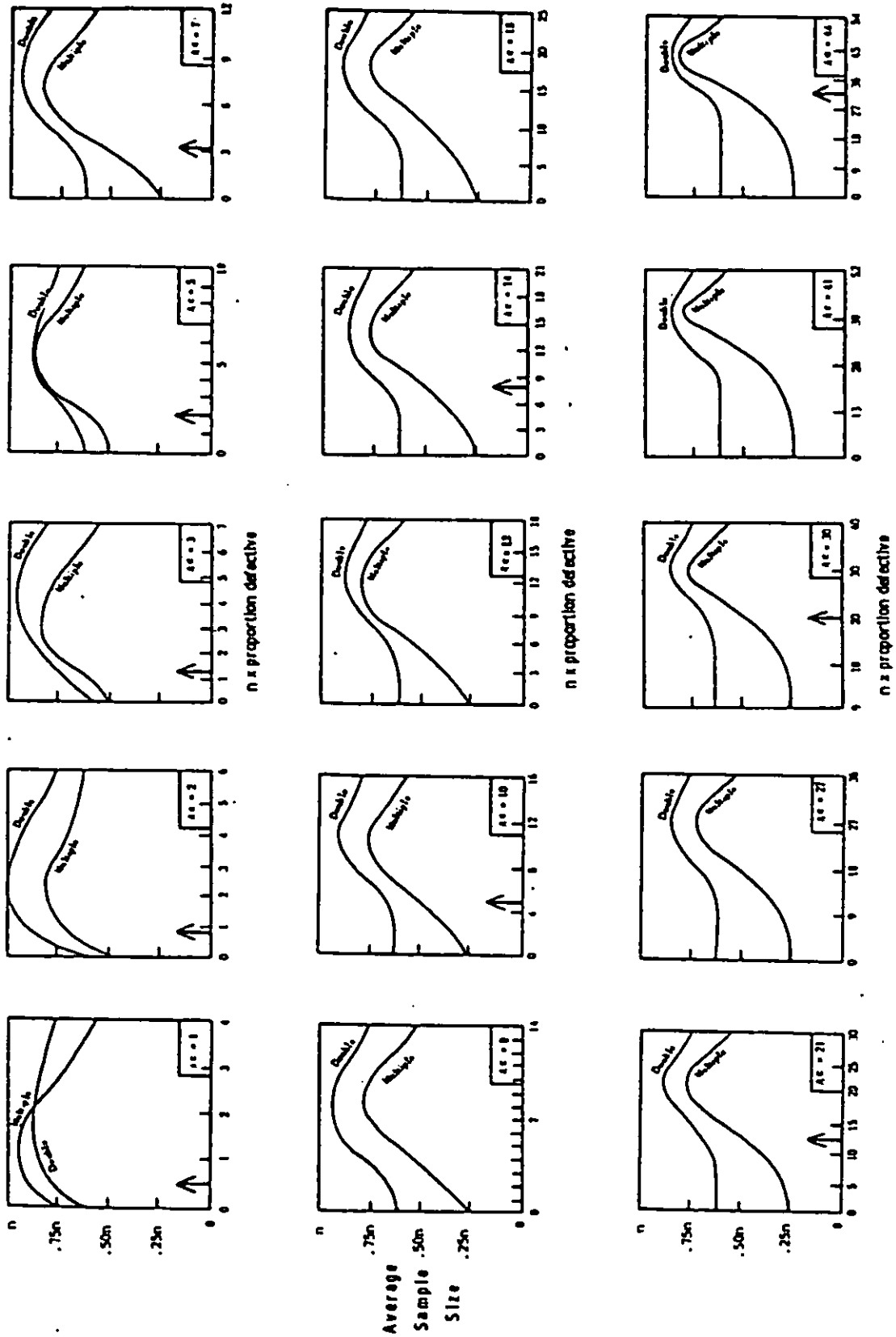
(see 4.7.3)

Number of sample units from lot or lots or batches	Acceptable Quality Level																									
	0.010	0.015	0.025	0.040	0.065	0.10	0.15	0.25	0.40	0.65	1.0	1.5	2.5	4.0	6.5	10	15	25	40	65	100	150	250	400	650	1000
20 - 29	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
30 - 49	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
50 - 79	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
80 - 129	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
130 - 199	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
200 - 319	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
320 - 499	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
500 - 799	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
800 - 1249	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
1250 - 1999	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
2000 - 3149	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
3150 - 19999	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
3000 - 7999	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
8000 - 12499	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
12500 - 19999	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
20000 - 31499	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
31500 & Over	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

• Deviate that the number of sample units from the lot or lots or batches is not sufficient for reduced inspection for this AQL. In this instance more than one lot or batches may be used for the calculation, provided that the lot or batches used are the most recent ones in sequence, that they have all been on normal inspection, and that none has been rejected while on original inspection.

TABLE IX—Average sample size curves for double and multiple sampling  
(normal and tightened inspection)

(see 4.12.2)



• • • Expected single sample size  
Ac = Single sample acceptance number  
↑ = AQL for normal inspection

TABLE X-A—Tables for sample size code letter: A

CHART A - OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS

(Curves for double and multiple sampling are matched as closely as practicable)

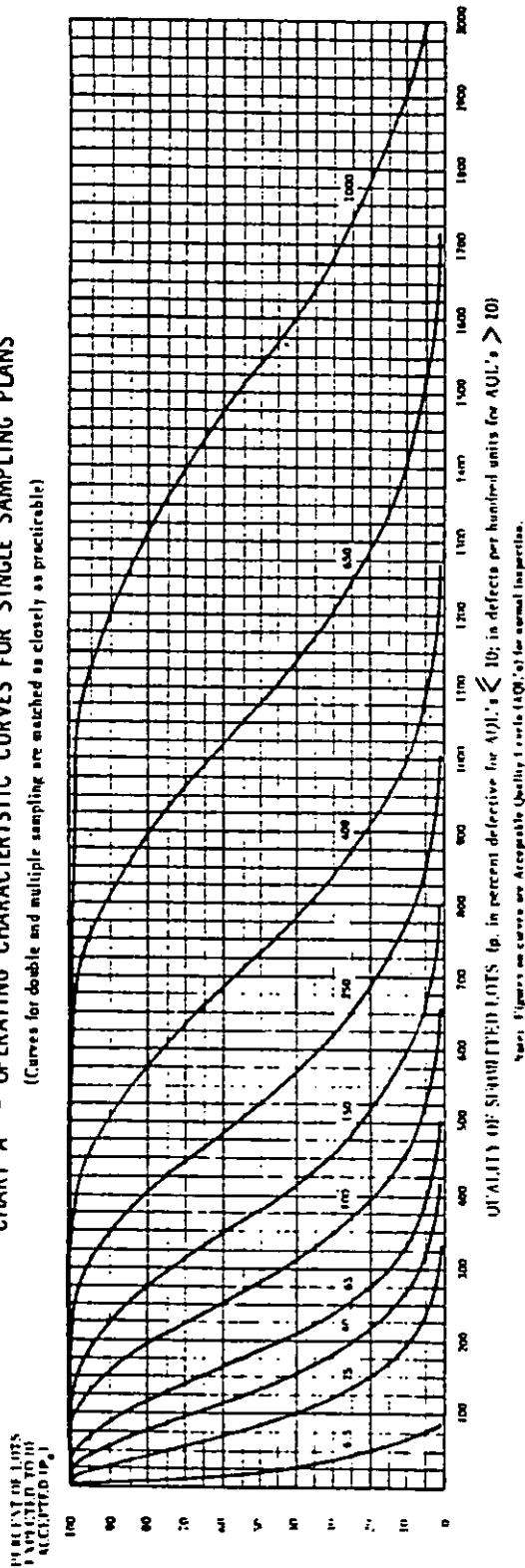


TABLE X-A-1 - TABULATED VALUES FOR OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS

P <sub>o</sub>	Acceptable Quality Levels (normal inspection)														
	p (in defects per hundred units)														
	6.5	6.5	25	40	65	100	150	250	400	650	1000				
99.0	0.503	7.41	21.8	41.2	89.3	145	175	239	305	374	517	629	859	977	
95.0	2.56	17.8	40.9	68.3	131	199	235	308	381	462	622	745	995	1122	
90.0	5.13	26.6	55.1	87.2	158	233	272	351	432	515	684	812	1073	1206	
75.0	14.4	48.1	86.4	127	211	298	342	431	521	612	795	934	1214	1354	
50.0	29.3	83.9	134	184	284	383	433	533	633	733	933	1083	1383	1533	
25.0	50.0	135	196	255	371	484	540	651	761	870	1087	1248	1568	1728	
10.0	68.4	194	266	334	464	569	650	770	889	1006	1238	1409	1748	1916	
5.0	77.6	237	315	388	526	657	722	848	972	1094	1335	1512	1862	2015	
1.0	90.0	332	420	502	655	800	870	1007	1141	1272	1529	1710	2088	2270	
	X	X	40	65	100	150	X	250	X	400	X	650	X	1000	X
	Acceptable Quality Levels (tightened inspection)														

Note: Binomial distribution used for percent defective computations; Poisson for defects per hundred units.

TABLE X-A-2 - SAMPLING PLANS FOR SAMPLE SIZE CODE LETTER: A

Type of sampling plan	Cumulative sample size	Acceptable Quality Levels (normal inspection)																		Cumulative sample size	
		Less than 6.5	6.5	10	15	25	40	65	100	150	250	400	650	1000							
		Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re			
Single	2	▽	0 1			1 2	2 3	3 4	5 6	7 8	9 10	11 12	13 14	15 16	18 19	21 22	27 28	30 31	2		
Double		▽	•	Use code Letter D	Use code Letter C	Use code Letter B	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)			
Multiple		▽	•																		
		Less than 10	X	10	15	25	40	65	100	150	250	400	650	1000	X			X			
Acceptable Quality Levels (tightened inspection)																					

▽ = Use next subsequent sample size code letter for which acceptance and rejection numbers are available.

Ac = Acceptance number

Re = Rejection number

• = Use single sampling plan above (or alternatively use code letter D).

(\*) = Use single sampling (or alternatively use code letter D).



TABLE X-B—Tables for sample size code letter: B

CHART B - OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS

(Curves for double and multiple sampling are matched as closely as practicable)

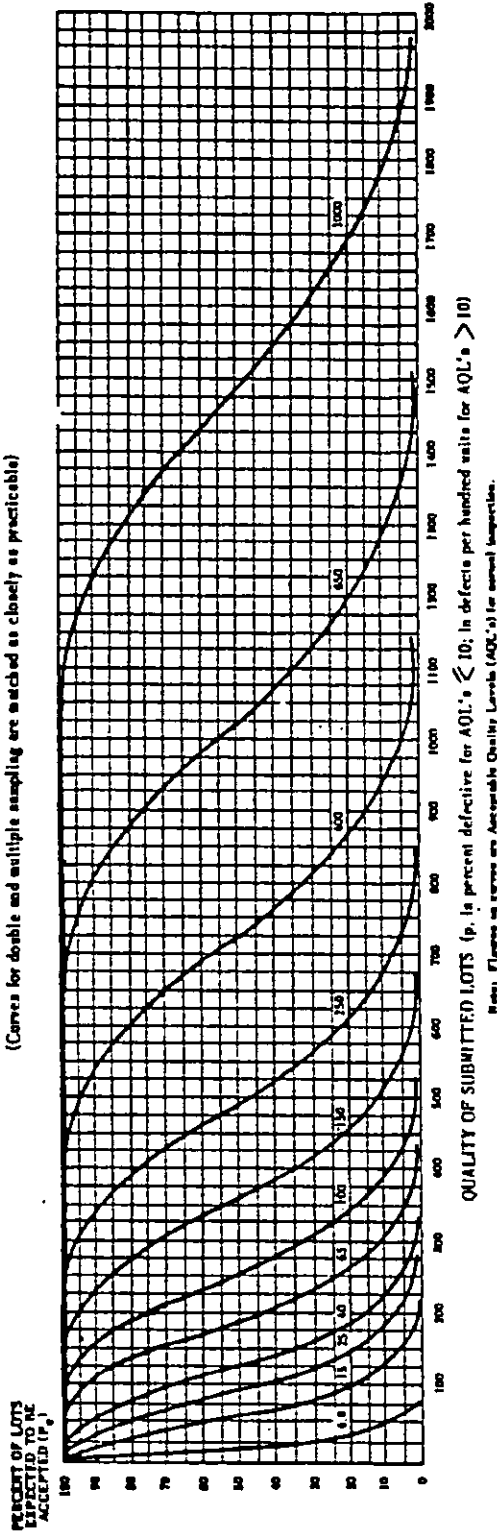


TABLE X-B-1 - TABULATED VALUES FOR OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS

P <sub>a</sub>	Acceptable Quality Levels (normal inspection)																
	4.0	4.0	15	25	40	65	100	150	250	400	650	1000					
	p (in defects per hundred units)																
p (in percent defective)	0.334	0.335	4.97	14.5	27.4	59.5	96.9	117	159	203	249	345	419	572	651	947	1029
99.0	0.334	0.335	4.97	14.5	27.4	59.5	96.9	117	159	203	249	345	419	572	651	947	1029
95.0	1.70	1.71	11.8	27.3	45.5	87.1	133	157	206	256	308	415	496	663	748	1065	1152
90.0	3.45	3.51	17.7	36.7	58.2	105	155	181	234	288	343	456	541	716	804	1131	1222
75.0	9.14	9.59	32.0	57.6	84.5	141	199	228	287	347	406	530	623	809	903	1249	1344
50.0	20.6	21.1	55.9	89.1	122	189	256	289	356	422	489	622	722	922	1022	1389	1489
25.0	37.0	46.2	89.8	131	170	247	323	360	434	507	580	724	832	1045	1152	1539	1644
10.0	53.6	76.8	130	177	223	309	392	433	514	593	671	825	939	1165	1277	1643	1793
5.0	63.2	99.9	158	210	258	350	438	481	565	648	730	890	1008	1241	1356	1773	1886
1.0	78.5	154	221	280	335	437	533	580	671	761	848	1019	1115	1392	1513	1951	2069
	6.5	6.5	25	40	65	100	150	200	250	300	350	400	450	500	550	600	650
																</	

TABLE X-B-2 - SAMPLING PLANS FOR SAMPLE SIZE CODE LETTER: B

Type of sampling plan	Cumulative sample size	Acceptable Quality Levels (normal inspection)																				Cumulative sample size																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
		Less than 4.0	4.0	6.5	10	15	25	40	65	100	150	250	400	650	1000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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Single	3	▽	0	1		Use	Use	Use	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	27	28	30	31	41	42	44	45	3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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Multiple		▽	.						1	2	3	4	4	5	6	7	8	9	11	12	12	13	15	16	18	19	23	24	26	27	34	35	37	38	52	53	56	57	4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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▽ = Use next subsequent sample size code letter for which acceptance and rejection numbers are available.

Ac = Acceptance number

Re = Rejection number

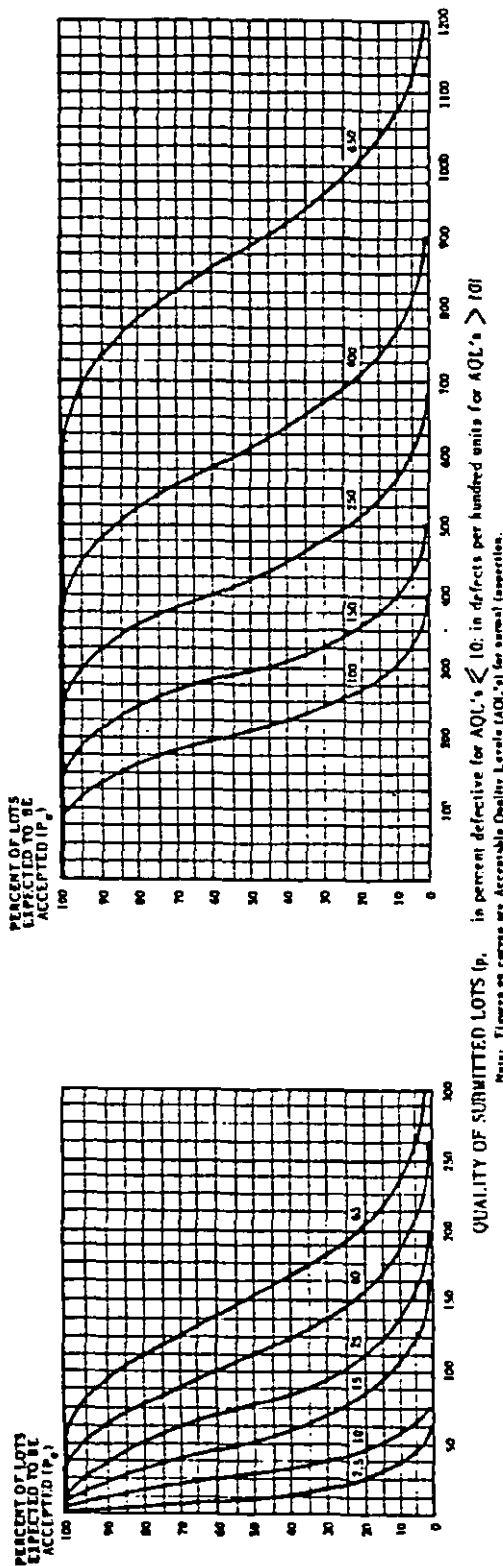
. = Use single sampling plan above (or alternatively use code letter E)

++ = Use double sampling plan above (or alternatively use code letter D)

**TABLE X-C—Tables for sample size code letter: C**

### CHART C - OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS

(Curves for double and multiple sampling are matched as closely as practicable)



**TABULAR X-C-1 - TABULATED VALUES FOR OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS**

P <sub>o</sub>	Acceptable Quality Levels (normal inspection)																	
	2.5	10	2.5	10	15	25	40	65	X	100	X	150	X	250	X	400	X	650
	p (in percent defective)		p (in defects per hundred units)															
99.0	0.201	3.27	0.201	2.97	8.72	16.5	37.5	58.1	70.1	95.4	122	150	207	251	343	391	568	618
95.0	1.02	7.64	1.03	7.11	16.4	27.3	52.3	79.6	91.9	123	154	185	249	298	398	449	639	691
90.0	2.09	11.2	2.11	10.6	22.0	34.9	63.0	93.1	109	140	171	206	273	325	429	482	679	733
75.0	5.59	19.4	5.75	19.2	34.5	50.7	84.4	119	137	172	208	245	318	374	485	542	749	806
50.0	12.9	31.4	13.9	33.6	51.5	73.4	113	153	173	213	253	293	373	433	553	613	833	893
25.0	24.2	45.4	27.7	53.9	78.4	102	148	194	216	260	304	348	435	499	627	691	923	986
10.0	36.9	58.4	46.1	77.8	106	134	185	235	260	308	356	403	495	564	699	766	1010	1076
5.0	45.1	65.7	59.9	94.9	126	155	210	263	289	339	389	438	534	605	745	814	1064	1131
1.0	60.2	77.8	92.1	133	168	201	262	320	348	403	456	509	612	687	835	908	1171	1241
	4.0	X	4.0	15	25	40	65	X	100	X	150	X	250	X	400	X	650	X

Acceptable Quality Levels (tightened inspection)

**Note:** Dismissal distribution need for percent defective computations. Failure to strike out headed note.

TABLE X-C-2 - SAMPLING PLANS FOR SAMPLE SIZE CODE LETTER: C

Type of sampling plan	Com- lative sample size	Acceptable Quality Levels (lightened inspection)															Com- lative sample size
		Less than 2.5	2.5	4.0	6.5	10	15	25	40	65	100	150	250	400	650	1000	
Single	5	As	As	As	As	As	As	As	As	As	As	As	As	As	As	As	5
		0 1				1 2 3 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 21 22 27 28 30 31 41 42 44 45											
Double	3 6	As	As	As	As	As	As	As	As	As	As	As	As	As	As	As	3 6
		0 1				0 2 0 3 1 4 2 5 3 7 3 7 5 9 6 10 7 11 9 14 11 16 15 20 17 22 23 29 25 31											
Multiple		As	As	As	As	As	As	As	As	As	As	As	As	As	As	As	
		0 1				0 2 0 3 1 4 2 5 3 7 3 7 5 9 6 10 7 11 9 14 11 16 15 20 17 22 23 29 25 31											
Less than 4.0	4.0	As	As	As	As	As	As	As	As	As	As	As	As	As	As	As	1000
		0 1				0 2 0 3 1 4 2 5 3 7 3 7 5 9 6 10 7 11 9 14 11 16 15 20 17 22 23 29 25 31											

▽ Use next subsequent sample size code letter for which acceptance and rejection numbers are available.

As Acceptance number.

Rn Rejection number.

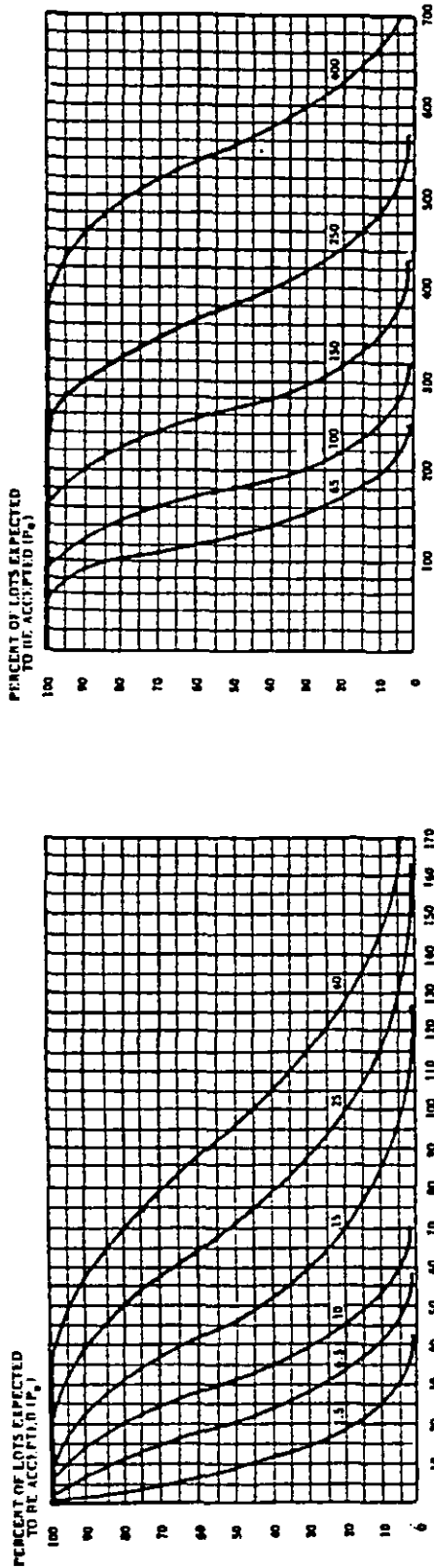
• Use single sampling plan above (or alternatively use code letter f)

++ Use double sampling plan above (or alternatively use code letter D)

# TABLE X-D—Tables for sample size code letter: D

## CHART D - OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS

(Curves for double and multiple sampling are watched as closely as practicable)



Note: Figures on curves are Acceptable Quality Levels (AQL's) for normal inspection.

## TABLE X-D-1 - TABULATED VALUES FOR OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS

$P_d$	Acceptable Quality Levels (normal inspection)											
	1.5	6.5	10	1.5	6.5	10	15	25	40	65	100	150
	1.5	6.5	10	1.5	6.5	10	15	25	40	65	100	150
$p$ (in percent defective)												
99.0	0.126	1.97	6.08	0.126	1.86	5.45	10.3	22.3	36.3	43.0	59.6	76.2
95.0	0.639	4.64	11.1	0.641	4.44	10.2	17.1	32.7	49.8	58.7	77.1	96.1
90.0	1.31	6.88	14.7	1.32	6.65	13.8	21.8	39.4	58.2	67.9	87.8	108
75.0	3.53	12.1	22.1	3.60	12.0	21.6	31.7	52.7	74.5	85.5	108	130
50.0	8.30	20.1	32.1	8.66	21.0	33.4	45.9	70.9	95.9	108	133	158
25.0	15.9	30.3	43.3	17.3	33.7	49.0	63.9	92.8	121	135	163	190
10.0	25.0	40.6	53.8	28.8	48.6	66.5	83.5	116	147	162	193	222
5.0	31.2	47.1	60.0	37.4	59.3	78.7	96.9	131	164	180	212	243
1.0	43.8	59.0	70.7	57.6	83.0	105	126	164	200	218	252	285
	2.5	10	×	2.5	10	15	25	40	×	65	100	150
Acceptable Quality Levels (tightened inspection)												
	250	×	×	250	×	×	×	×	×	×	×	×
	386	×	×	386	×	×	×	×	×	×	×	×
	432	×	×	432	×	×	×	×	×	×	×	×
	458	×	×	458	×	×	×	×	×	×	×	×
	504	×	×	504	×	×	×	×	×	×	×	×
	558	×	×	558	×	×	×	×	×	×	×	×
	617	×	×	617	×	×	×	×	×	×	×	×
	672	×	×	672	×	×	×	×	×	×	×	×
	707	×	×	707	×	×	×	×	×	×	×	×
	716	×	×	716	×	×	×	×	×	×	×	×

Note: Binomial distribution used for percent defective computations; Poisson for defects per hundred units.

TABLE X-D-2 - SAMPLING PLANS FOR SAMPLE SIZE CODE LETTER: D

Type of sampling plan	Con- lative sample size	Acceptable Quality Levels (normal inspection)																	Con- lative sample size
		Less than 1.5	1.5	2.5	4.0	6.5	10	15	25	40	65	100	150	250	400	Higher than 400			
		Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Higher than 400		
Single	0	▽	0 1				1 2 2	3 3 4	5 6 7	8 8 9	10 10 11	12 13 14	15 18 19	21 22 27	28 30 31	41 42 44	45 Δ	0	
	5 10	▽	•	Use code Letter	Use code Letter	Use code Letter	0 2 0	3 1 4	2 5 3	7 3 7	5 9 6	10 7 11	16 11 16	15 20 17	22 23 29	25 31	Δ	5 10	
Multiple	2 4 6 8 10 12 14	▽	•	C F E			• 2 •	2 • 3 •	4 0 4	0 4 0	5 0 5	6 1 7	8 2 9	3 10 4	12 6 15	16 6 16	Δ	2 4 6 8 10 12 14	
							• 2 0	3 0 3	1 5 1	6 2 7	3 8 3	9 4 10	6 12 7	14 10 17	11 19 16	25 17 27			
							0 2 0	3 1 4	2 6 3	8 4 9	6 10 7	12 8 13	11 17 13	19 17 24	19 27 26	36 29 39			
							0 3 1	4 2 5	3 7 5	10 6 11	8 13 10	15 12 17	16 22 19	25 21 31	27 34 37	46 40 49			
							1 3 2	4 3 6	5 8 7	11 9 12	11 15 14	17 17 20	22 25 29	32 37 36	40 49 55	53 58			
							1 3 3	5 4 6	7 9 10	12 14 14	17 18 20	21 23 27	29 31 33	40 43 45	47 61 64	65 68			
							2 3 4	5 6 7	9 10 13	14 16 15	18 19 21	22 25 26	32 33 37	38 48 49	53 54 72	73 77 78			
	Less than 2.5	2.5	4.0	6.5	10	15	25	40	65	100	150	250	400	Higher than 400					
Acceptable Quality Levels (tightened inspection)																			

△ = Use next preceding sample size code letter for which acceptance and rejection numbers are available.  
▽ = Use next subsequent sample size code letter for which acceptance and rejection numbers are available.

Ac = Acceptance number

Re = Rejection number

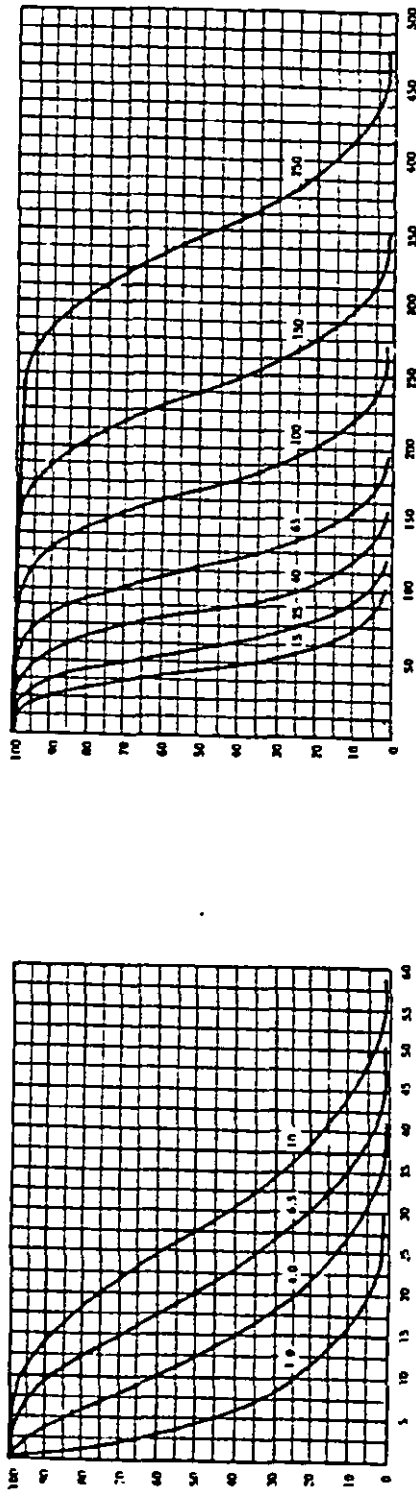
• = Use single sampling plan above (or alternatively use code letter G)

• = Acceptance not permitted at this sample size.

TABLE X-E—Tables for sample size code letter: E

CHART E - OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS

(Curves for double and multiple sampling are matched as closely as practicable)



QUALITY OF SUBMITTED LOTS (p, in percent defective for AQL's  $\leq 10$ ; in defects per hundred units for AQL's  $> 10$ )

Note: Figures on curves are Acceptable Quality Levels (AQL's) for normal inspection.

TABLE X-E-1 - TABULATED VALUES FOR OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS

P <sub>0</sub>	Acceptable Quality Levels (normal inspection)															Acceptable Quality Levels (tightened inspection)														
	p (in percent defective)					p (in defects per hundred units)										p (in percent defective)					p (in defects per hundred units)									
	1.0	4.0	6.5	10	15	1.0	4.0	6.5	10	15	25	40	65	100	150	250	1.0	4.0	6.5	10	15	25	40	65	100	150	250			
99.0	0.077	1.18	3.58	6.75	0.077	1.15	3.35	6.33	13.7	22.4	36.7	46.9	57.5	79.6	96.7	132	150	219	238											
95.0	0.394	2.81	6.60	11.3	0.395	2.73	6.29	10.5	20.1	30.6	36.1	47.5	59.2	71.1	95.7	115	153	246	266											
90.0	0.807	4.17	8.80	14.2	0.810	4.09	8.48	13.4	24.2	35.8	41.8	54.0	66.5	79.2	105	125	165	261	282											
75.0	2.19	7.41	13.4	19.9	2.21	7.39	13.3	19.5	32.5	45.8	52.6	66.3	80.2	94.1	122	144	187	288	310											
50.0	5.19	12.6	20.0	27.5	5.33	12.9	20.6	28.2	43.6	59.0	66.7	82.1	97.4	113	144	167	213	321	344											
25.0	10.1	19.4	28.0	36.1	10.7	20.1	30.2	39.3	57.1	74.5	83.1	100	117	134	167	192	241	355	379											
10.0	16.2	26.8	36.0	44.4	17.7	29.9	40.9	51.4	71.3	90.5	100	119	137	155	190	217	269	388	414											
5.0	20.6	31.6	41.0	49.5	23.0	36.5	48.4	59.6	80.9	101	111	130	150	168	205	233	286	409	435											
1.0	29.8	41.3	50.6	58.8	35.4	51.1	64.7	77.3	101	123	134	155	176	196	235	264	321	450	477											
1.5	6.5	10	X	X	1.5	6.5	10	15	25	X	X	40	65	X	X	100	X	150	X	250	X									

Note: Binomial distribution used for percent defective computations. Plotted for defects per hundred units.

TABLE X-E-2 - SAMPLING PLANS FOR SAMPLE SIZE CODE LETTER: E

MIL-STD-105B

Type of sampling plan	Com- plete sample size	Acceptable Quality Levels (normal inspection)																	Com- plete sample size
		Less than 1.0	1.0	1.5	2.5	4.0	6.5	10	15	25	40	65	100	150	250	Higher than 250			
		Ac ReAc	ReAc ReAc	ReAc ReAc	ReAc ReAc	ReAc ReAc	ReAc ReAc	ReAc ReAc	ReAc ReAc	ReAc ReAc	ReAc ReAc	ReAc ReAc	ReAc ReAc	ReAc ReAc	ReAc ReAc	ReAc ReAc			
Single	13	▽ .0 1																13	
	8	▽ .	Use code Letter	Use code Letter	Use code Letter	0 2 0 3 1 4 2 5 3 7 3 7 5 9 6 10 7 11 9 14 11 14 15 20 17 22 23 29 25 31											8		
Double	16																	16	
	3	▽ .	D	G	P	0 2 0 2 0 3 0 3 1 5 1 6 2 7 3 8 3 9 4 10 6 12 7 14 10 17 11 19 16 25 17 27											3		
Multiple	6																	6	
	9																	9	
	12																	12	
	15																	15	
	18																	18	
	21																	21	
	Less than 1.5	1.5	2.5	4.0	6.5	10	15	25	40	65	100	150	250	Higher than 250					
Acceptable Quality Levels (tightened inspection)																			

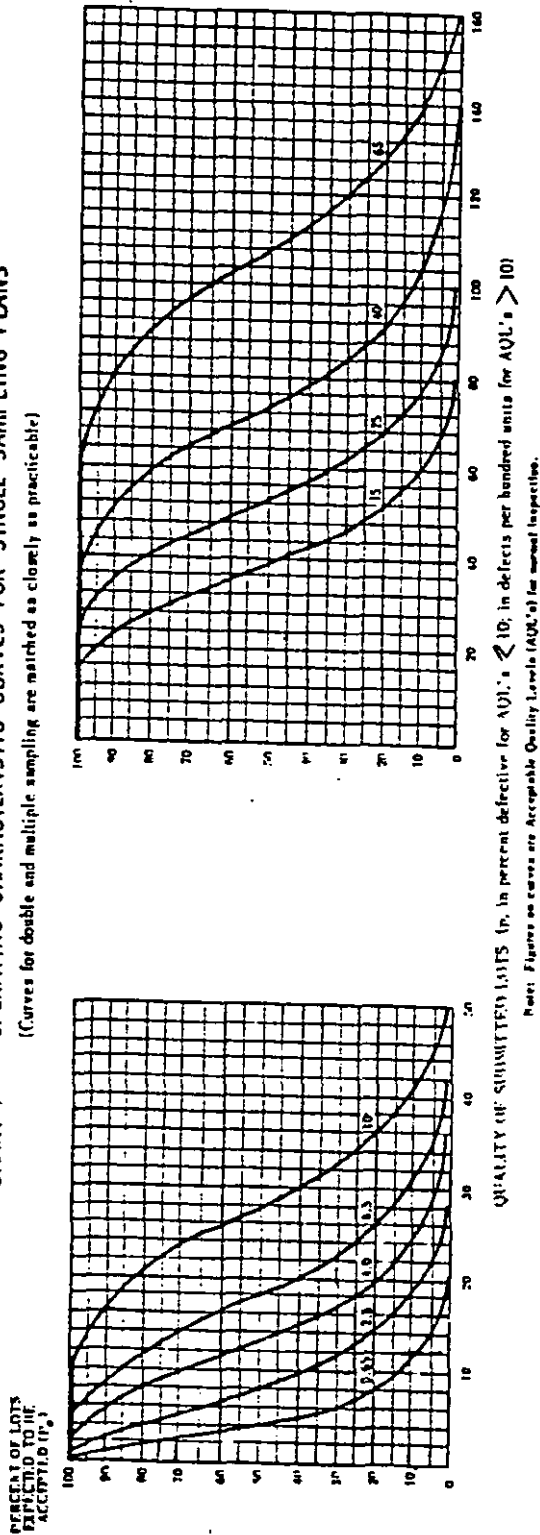
- △ - Use next preceding sample size code letter for which acceptance and rejection numbers are available.
- ▽ - Use next subsequent sample size code letter for which acceptance and rejection numbers are available.
- Ac - Acceptance number.
- Re - Rejection number.
- - Use single sampling plan above (or alternatively use code letter M)
- - Acceptance not permitted at this sample size.



**TABLE X-F—Tables for sample size code letter: F**

### CHART F - OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS

(Curves for double and multiple sampling are matched as closely as practicable)



**TABLE X-F-1 - TABULATED VALUES FOR OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS**

P <sub>a</sub>	Acceptable Quality Levels (normal inspection)																
	p (in percent defective)					p (in defects per hundred units)											
	0.65	2.5	4.0	6.5	10	0.65	2.5	4.0	6.5	10	15	25	40	65			
99.0	0.0502	0.759	2.27	4.38	9.75	0.0503	0.743	2.18	4.12	8.93	14.5	17.5	23.9	30.5	37.4	51.7	62.9
95.0	0.2556	1.81	4.22	7.14	14.0	0.2556	1.78	4.09	6.83	13.1	19.9	23.5	30.8	38.4	46.2	62.2	74.5
90.0	0.525	2.69	5.64	9.03	16.6	0.527	2.66	5.51	8.72	15.8	23.3	27.2	35.1	43.2	51.5	68.4	81.2
75.0	1.43	4.81	8.70	12.8	21.6	1.44	4.81	8.64	12.7	21.1	29.8	34.2	43.1	52.1	61.2	79.5	93.4
50.0	3.41	8.25	13.1	18.1	27.9	3.47	8.39	13.4	18.4	28.4	38.3	43.3	53.3	63.3	73.3	93.3	108
25.0	6.70	12.9	18.7	24.2	34.8	6.93	13.5	19.6	25.5	37.1	48.4	54.0	65.1	76.1	87.0	109	125
10.0	10.9	18.1	24.5	30.4	41.5	11.5	19.4	26.6	33.4	46.4	58.9	65.0	77.0	88.9	101	124	141
5.0	13.9	21.6	28.3	34.4	45.6	15.0	23.7	31.5	38.8	52.6	65.7	72.2	84.8	97.2	109	133	151
1.0	20.6	28.9	35.8	42.1	53.2	23.0	33.2	42.0	50.2	65.5	80.0	87.0	101	114	127	153	172
	1.0	4.0	6.5	10	×	1.0	4.0	6.5	10	15	×	25	×	40	×	65	×

Acceptable Quality Levels (tightened inspection)

Mass Standard deviation used for percent defective computations; Poisson for defects per hundred units.

TABLE X-F-2 - SAMPLING PLANS FOR SAMPLE SIZE CODE LETTER: F

Type of sampling plan	Consumer's lot size	Acceptable Quality Levels (normal inspection)																				Consumer's lot size									
		Less than 0.65	0.65	1.0	1.5	2.5	4.0	6.5	10	15	X		25		X		40	X		65	Higher than 65										
											Ac	Re	He	Ac	Re	Ac		Re	Ac				Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re
Single	20	▽	0	1																			△	20							
	13	▽	.		Use code Letter																		△	13							
Double	26				E																			26							
	5	▽	.		H																		△	5							
Multiple	10																							10							
	15																							15							
	20																							20							
	25																							25							
	30																							30							
	35																							35							
		Less than 1.0	1.0	X	1.5	2.5	4.0	6.5	10	15	X		25	X		40	X		65	X		Higher than 65									
Acceptable Quality Levels (tightened inspection)																															

△ = Use next preceding sample size code letter for which acceptance and rejection numbers are available.  
 ▽ = Use next subsequent sample size code letter for which acceptance and rejection numbers are available.

Ac = Acceptance number  
 He = Rejection number  
 . = Use single sampling plan above (or alternatively use code letter J)  
 E = Acceptance not permitted at this sample size.

TABLE X-G—Tables for sample size code letter: G

### CHART C - OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS

(Curves for double and multiple sampling are matched as closely as practicable)

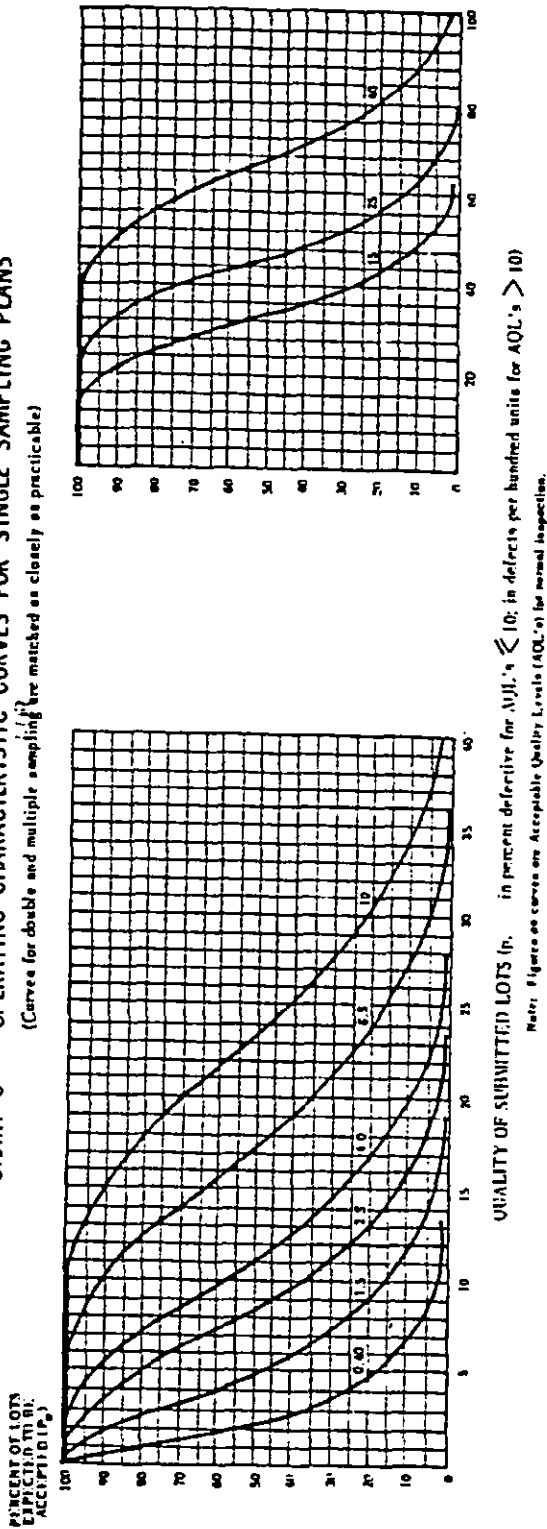


TABLE X-G-1 - TABULATED VALUES FOR OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS

P <sub>c</sub>	Acceptable Quality Levels (normal inspection)																	
	p (in percent defective)						p (in defects per hundred units)											
	0.40	1.5	2.5	4.0	6.5	10	0.40	1.5	2.5	4.0	6.5	10	15	25	40			
99.0	0.0314	0.471	1.40	2.67	5.88	9.73	0.0314	0.484	1.16	2.57	5.58	9.08	11.0	14.9	19.1	23.4	32.3	39.3
95.0	0.160	1.12	2.60	4.38	8.50	13.1	0.160	1.11	2.58	4.27	8.17	12.4	14.7	19.3	24.0	28.9	38.9	46.5
90.0	0.329	1.67	3.49	5.56	10.2	15.1	0.329	1.66	3.44	5.45	9.85	14.6	17.0	21.9	27.0	32.2	42.7	50.8
75.0	0.895	3.01	5.42	7.98	13.4	19.0	0.899	3.00	5.40	7.92	13.2	18.6	21.4	26.9	32.6	38.2	49.7	58.4
50.0	2.14	5.19	8.27	11.4	17.5	23.7	2.17	5.24	8.36	11.5	17.7	24.0	27.1	33.3	39.6	45.8	58.3	67.7
25.0	4.24	8.19	11.9	15.4	22.3	29.0	4.33	8.41	12.3	16.0	23.2	30.3	33.8	40.7	47.6	54.4	67.9	78.0
10.0	6.94	11.6	15.8	19.7	27.1	34.1	7.20	12.2	16.6	20.9	29.0	36.8	40.6	48.1	55.6	62.9	77.4	88.1
5.0	8.94	14.0	18.4	22.5	30.1	37.2	9.36	14.8	19.7	24.2	32.9	41.1	45.1	53.0	60.8	68.4	83.4	94.5
1.0	13.4	19.0	23.8	28.1	36.0	43.2	14.4	20.7	26.3	31.4	41.0	50.0	54.4	63.0	71.3	79.5	95.6	107
	0.65	2.5	4.0	6.5	10	X	0.65	2.5	4.0	6.5	10	X	15	X	25	X	40	X

Acceptable Quality Levels (tightened inspection)

**Note:** Standard deviation used for percent of full time respondents by town for full time respondents.

TABLE X-G-2 - SAMPLING PLANS FOR SAMPLE SIZE CODE LETTER: G

Type of sampling plan			Cumulative sample size	Acceptable Quality Levels (normal inspection)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
				Less than 0.40		0.40	0.65	1.0	1.5	2.5	4.0	6.5	10	15	25	40	Higher than 40																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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△ Use next preceding sample size code letter for which acceptance and rejection numbers are available.

▽ Use next subsequent sample size code letter for which acceptance and rejection numbers are available.

Ac Acceptance number.

Re Rejection number.

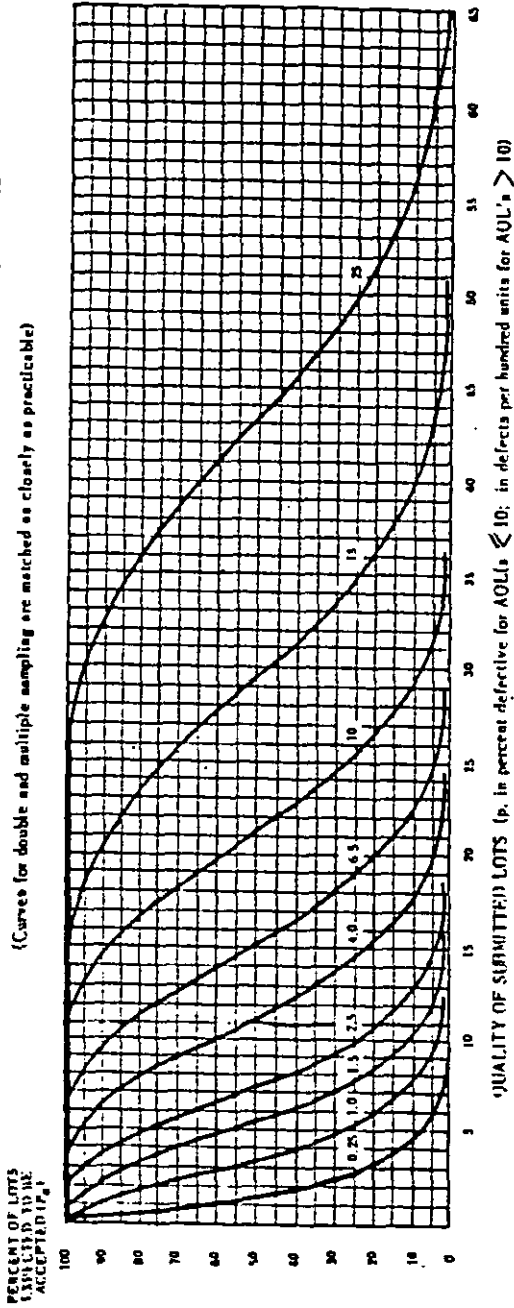
. Use single sampling plan above (or alternatively use code letter H)

. Acceptance not permitted at this sample size.

TABLE X-H—Tables for sample size code letter: H

CHART H - OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS

(Curves for double and multiple sampling are matched as closely as practicable)



Note: Figures on curves are Acceptable Quality Levels (AQL's) for normal inspection.

TABLE X-H-1 - TABULATED VALUES FOR OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS

P <sub>0</sub>	Acceptable Quality Levels (normal inspection)														
	p (in percent defective)							p (in defects per hundred units)							
	0.25	1.0	1.5	2.5	4.0	6.5	10	0.25	1.0	1.5	2.5	4.0	6.5	10	15
99.0	0.0201	0.300	0.886	1.68	3.69	6.07	7.36	0.0201	0.297	0.872	1.65	3.57	5.81	7.01	9.54
95.0	0.103	0.715	1.66	2.78	5.36	8.22	9.72	0.103	0.711	1.64	2.73	5.23	7.96	9.39	12.3
90.0	0.210	1.07	2.22	3.53	6.43	9.54	11.2	0.211	1.04	2.20	3.49	6.30	9.31	10.9	14.0
75.0	0.574	1.92	3.46	5.10	8.51	12.0	13.8	0.575	1.92	3.45	5.07	8.44	11.9	13.7	17.2
50.0	1.38	3.33	5.31	7.29	11.3	15.2	17.2	1.39	3.36	5.35	7.34	11.3	15.3	17.3	20.8
25.0	2.73	5.29	7.69	10.0	14.5	18.8	21.0	2.77	5.39	7.84	10.2	14.8	19.4	21.6	25.3
10.0	4.50	7.56	10.3	12.9	17.8	22.4	24.7	4.61	7.78	10.6	13.4	18.5	23.5	26.0	30.4
5.0	5.82	9.14	12.1	14.8	19.9	24.7	27.0	5.99	9.49	12.6	15.5	21.0	26.3	28.9	33.9
1.0	8.00	12.6	15.8	18.7	24.2	29.2	31.7	9.21	13.3	16.8	20.1	26.2	32.0	34.8	40.3
	0.40	1.5	2.5	4.0	6.5	10	15	0.40	1.5	2.5	4.0	6.5	10	15	25

Note: Binomial distribution used for percent defective comparisons; Poisson for defects per hundred units.

TABLE X-H-2 - SAMPLING PLANS FOR SAMPLE SIZE CODE LETTER: H

Type of sampling plan	Cumulative sample size	Acceptable Quality Levels (normal inspection)																									Cumulative sample size						
		Less than 0.25	0.25		0.40		0.65	1.0		1.5		2.5		4.0		6.5		10	15	25	Higher than 25												
			Ac	Re	Ac	Re		Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re					Ac	Re	Ac	Re	Ac		Re					
																													Ac	Re	Ac	Re	Ac
Single	50	▽	0	1					1	2	2	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	21	22	△	50
Double	32	▽	.						0	2	0	3	1	4	2	5	3	7	3	7	5	9	6	10	7	11	9	14	11	16	△	32	
	64								1	2	3	4	4	5	6	7	8	9	11	12	13	15	16	18	19	23	24	26	27			64	
Multiple	13	▽	.						.	2	.	2	.	3	.	4	0	4	0	4	0	5	0	6	1	7	1	8	2	9	△	13	
	26								.	2	0	3	0	3	1	5	1	6	2	7	3	8	3	9	4	10	6	12	7	14		26	
	39								0	2	0	3	1	4	2	6	3	8	4	9	6	10	7	12	8	13	11	17	13	19		39	
	52								0	3	1	4	2	5	3	7	5	10	6	11	8	13	10	15	12	17	16	22	19	25		52	
	65								1	3	2	4	3	6	5	8	7	11	9	12	11	15	14	17	20	22	25	29			65		
	78								1	3	3	5	4	6	7	9	10	12	14	14	17	18	20	21	23	27	29	31	33			78	
	91								2	3	4	5	6	7	9	10	13	14	16	15	18	19	21	22	25	26	32	33	37	38		91	
		Less than 0.40	0.40		0.65	1.0			1.5		2.5		4.0		6.5		10		15		25		Higher than 25										
Acceptable Quality Levels (tightened inspection)																																	

△ = Use next preceding sample size code letter for which acceptance and rejection numbers are available.

▽ = Use next subsequent sample size code letter for which acceptance and rejection numbers are available.

Ac = Acceptance number

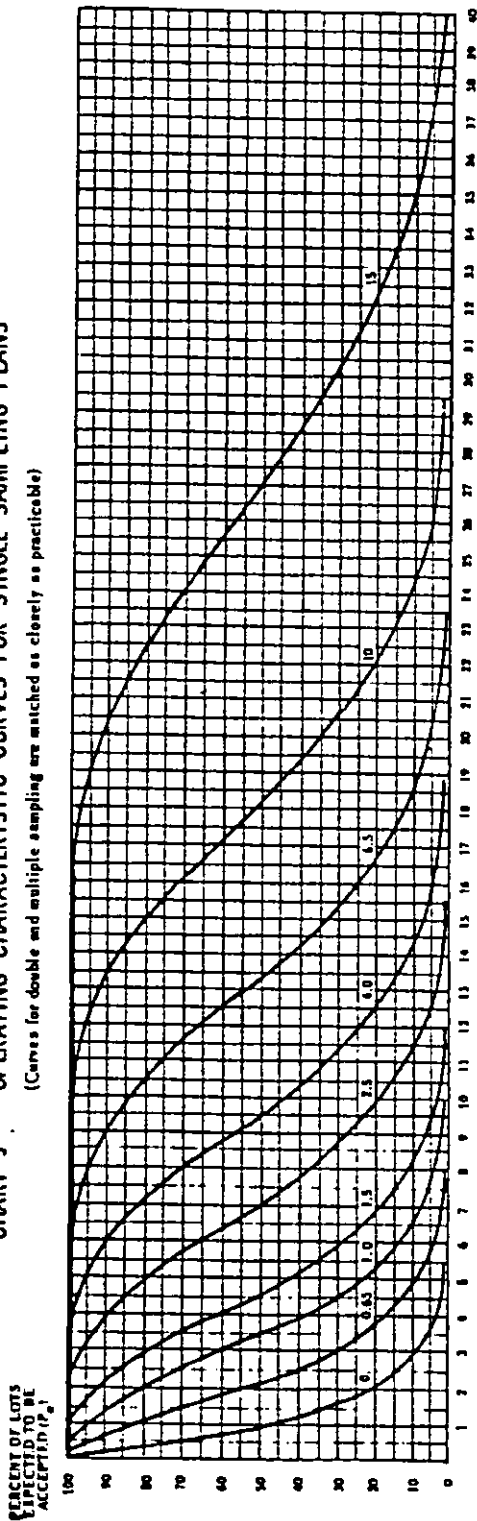
Re = Rejection number

. = Use single sampling plan above (or alternatively use code letter L)

. = Acceptance not permitted at this sample size

CHART J - OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS

(Curves for double and multiple sampling are matched as closely as practicable)



QUALITY OF SUBMITTED LOTS (p, in percent defective for AQL's  $\leq 10$ ; in defects per hundred units for AQL's  $> 10$ )

TABLE X-J-1 - TABULATED VALUES FOR OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS

P <sub>a</sub>	Acceptable Quality Levels (normal inspection)																					
	p (in percent defectives)										p (in defects per hundred units)											
	0.15	0.65	1.0	1.5	2.5	4.0	6.5	10	0.15	0.65	1.0	1.5	2.5	4.0	6.5	10						
99.0	0.0126	0.107	0.550	1.04	2.28	3.73	4.51	6.17	7.88	9.76	0.0126	0.186	0.545	1.03	2.23	3.63	4.38	5.96	7.62	9.35	12.9	15.7
95.0	0.0641	0.446	1.03	1.73	3.32	5.07	6.00	7.93	9.89	11.9	0.0641	0.444	1.02	1.71	3.27	4.98	5.87	7.71	9.61	11.6	15.6	18.6
90.0	0.132	0.607	1.39	2.20	3.99	5.91	6.90	8.95	11.0	13.2	0.132	0.665	1.38	2.18	3.94	5.82	6.79	8.78	10.8	12.9	17.1	20.3
75.0	0.359	1.201	2.16	3.18	5.30	7.50	8.61	10.9	13.2	15.5	0.359	1.20	2.16	3.17	5.27	7.45	8.55	10.8	13.0	15.3	19.9	23.4
50.0	0.863	2.09	3.33	4.57	7.06	9.55	10.8	13.3	15.8	18.3	0.866	2.10	3.34	4.59	7.09	9.59	10.8	13.3	15.8	18.3	23.3	27.1
25.0	1.72	3.33	4.84	6.30	9.14	11.9	13.3	16.0	18.6	21.3	1.73	3.37	4.90	6.39	9.28	12.1	13.5	16.3	19.0	21.7	27.2	31.2
10.0	2.84	4.78	6.52	8.16	11.3	14.3	15.7	18.6	21.4	24.2	2.88	4.86	6.65	8.35	11.6	14.7	16.2	19.3	22.2	25.2	30.9	35.2
5.0	3.68	5.79	7.66	9.41	12.7	15.6	17.3	20.3	23.2	26.0	3.74	5.93	7.87	9.69	13.1	16.4	18.0	21.2	24.3	27.4	33.4	37.6
1.0	5.59	8.01	10.1	12.0	15.6	18.9	20.5	23.6	26.6	29.5	5.76	8.30	10.5	12.6	16.4	20.0	21.8	25.2	28.5	31.8	38.2	42.9
	0.25	1.0	1.5	2.5	4.0	6.5	10	15	20	25	0.25	1.0	1.5	2.5	4.0	6.5	10	15	20	25	30	35
	Acceptable Quality Levels (tightened inspection)																					

Note: Binomial distribution used for percent defective computations; Poisson for defects per hundred units.

TABLE X-J-2 - SAMPLING PLANS FOR SAMPLE SIZE CODE LETTER: J

Type of sampling plan		Consecutive sample size	Acceptable Quality Levels (normal inspection)																				Consecutive sample size							
			Less than 0.15	0.15	0.25	0.40	0.65	1.0	1.5	2.5	4.0	6.5	10	15	Higher than 15															
															Ac	Re	Ac	Re	Ac	Re	Ac	Re		Ac	Re	Ac	Re	Ac	Re	
																														Ac
Single	80	▽	0	1																								△	80	
Double	50 100	▽	.		Use code Letter	Use code Letter	0	2	0	3	1	4	2	5	3	7	5	9	6	10	7	11	9	14	11	16	13	17	△	50 100
Multiple	20 40 60 80 100 120 140	▽	.		H	L	.	2	0	3	1	4	2	5	3	7	5	9	6	10	7	11	9	14	11	16	13	17	△	20 40 60 80 100 120 140
	Less than 0.25	0.25	0.40	0.65	1.0	1.5	2.5	4.0	6.5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	Higher than 15		

Acceptable Quality Levels (tightened inspection)

- △ Use next preceding sample size code letter for which acceptance and rejection numbers are available.
- ▽ Use next subsequent sample size code letter for which acceptance and rejection numbers are available.
- Ac Acceptance number
- Re Rejection number
- .
- Use single sampling plan above (or alternatively use code letter H)
- Acceptance not permitted at this sample size.



TABLE X-K—Tables for sample size code letter: K

CHART K - OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS

(Curves for double and multiple sampling are matched as closely as practicable)

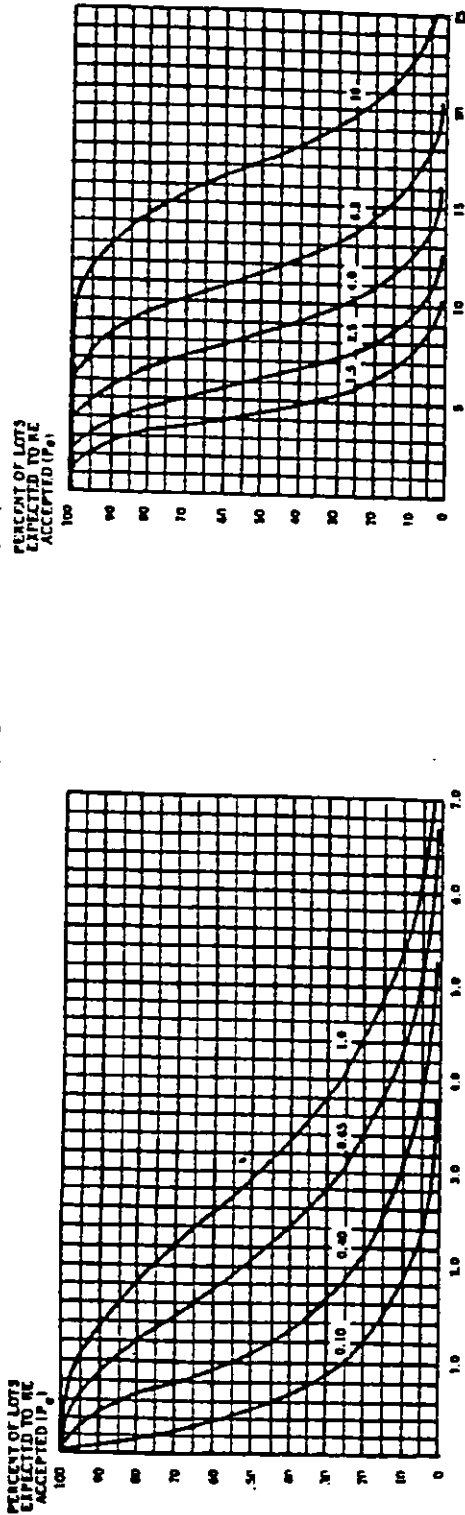


CHART K - OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS (Curves for double and multiple sampling are matched as closely as practicable)

TABLE X-K-1 - TABULATED VALUES FOR OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS

P <sub>a</sub>	Acceptable Quality Levels (normal inspection)									
	0.10	0.40	0.65	1.0	1.5	2.5	4.0	6.5	10	
	p (in percent defective or defects per hundred units)									
99.0	0.00004	0.119	0.349	0.659	1.43	2.32	2.81	3.82	4.88	5.98
95.0	0.0410	0.284	0.654	1.09	2.09	3.18	3.76	4.94	6.15	7.40
90.0	0.0843	0.425	0.882	1.40	2.52	3.72	4.35	5.62	6.92	8.24
75.0	0.230	0.769	1.382	2.03	3.38	4.76	5.47	6.90	8.34	9.79
50.0	0.555	1.34	2.14	2.94	4.54	6.14	6.94	8.53	10.1	11.7
25.0	1.11	2.15	3.14	4.09	5.94	7.75	8.64	10.4	12.2	13.9
10.0	1.84	3.11	4.26	5.34	7.42	9.42	10.4	12.3	14.2	16.1
5.0	2.40	3.80	5.04	6.20	8.41	10.5	11.5	13.6	15.6	17.5
1.0	3.68	5.31	6.72	8.04	10.5	12.8	18.3	16.1	18.3	20.4
0.15	0.63	1.0	1.5	2.5	4.0	6.5	10	10	10	10
	Acceptable Quality Levels (tightened inspection)									

Note: All values given in above table based on Poisson distribution as an approximation to the Binomial.

Type of sampling plan	Commulative sample size	Acceptable Quality Levels (normal inspection)															
		Less than 0.10	0.10	0.15	0.25	0.40	0.65	1.0	1.5	2.5	4.0	6.5	10	Higher than 10			
		Ac Rn	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re			
Single	125	▽	0	1										△			
	80 160	▽	.		Use code Letter	Use code Letter	Use code Letter							△			
Multiple	32 64 96 128 160 192 224	▽	.		J M L									△			
		Less than 0.15	0.15	0.25	0.40	0.65	1.0	1.5	2.5	4.0	6.5	10	Higher than 10				
Acceptable Quality Levels (tightened inspection)																	

- Use next preceding sample size code letter for which acceptance and rejection numbers are available.
- Use next subsequent sample size code letter for which acceptance and rejection numbers are available.
- Acceptance number
- Rejection number
- Use single sampling plan above (or alternatively use code letter M)
- Acceptance not permitted at this sample size.

TABLE X-L—Tables for sample size code letter: L

CHART L - OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS

(Curves for double and multiple sampling are matched as closely as practicable)

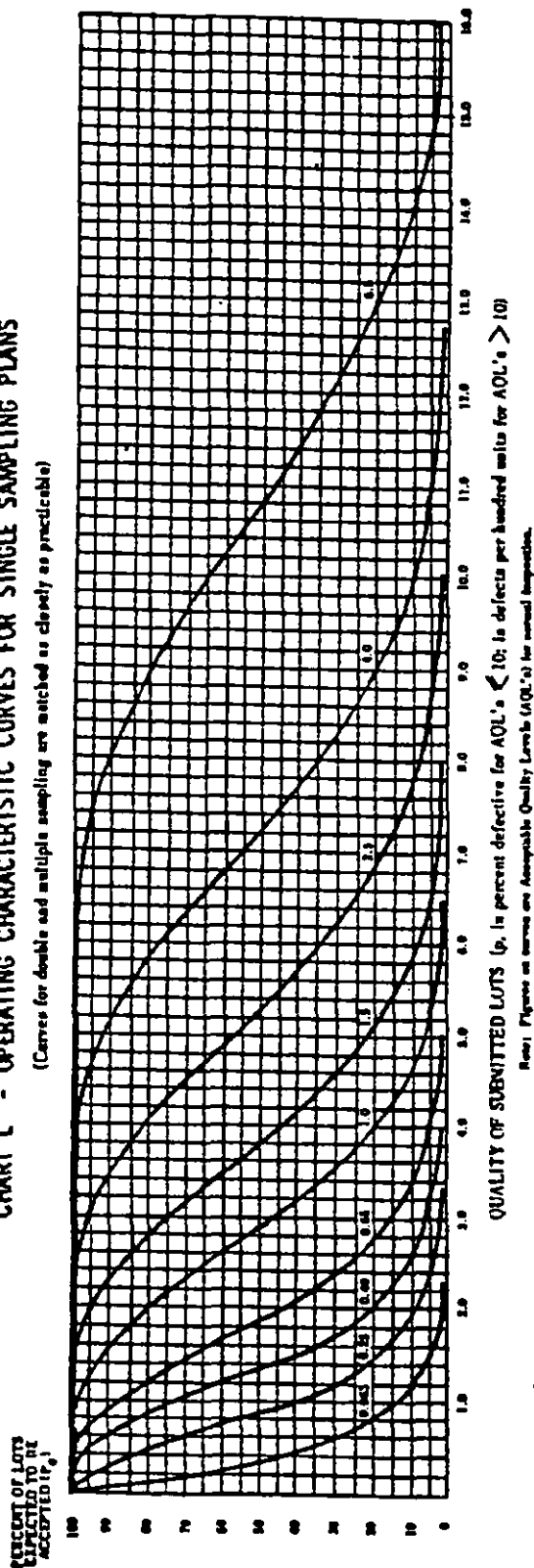


TABLE X-L-1 - TABULATED VALUES FOR OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS

$P_a$	Acceptable Quality Levels (normal inspection)											
	0.065	0.25	0.40	0.65	1.0	1.5	2.5	4.0	6.5	10.0	15.0	20.0
$p$ (in percent defective or defects per hundred units)												
99.0	0.00503	0.075	0.218	0.412	0.693	1.45	1.75	2.39	3.05	3.74	5.17	6.29
95.0	0.0256	0.178	0.409	0.683	1.31	1.99	2.35	3.08	3.84	4.62	6.22	7.45
90.0	0.0527	0.286	0.531	0.872	1.58	2.33	2.72	3.51	4.32	5.15	6.84	8.12
75.0	0.144	0.481	0.864	1.27	2.11	2.96	3.42	4.31	5.21	6.12	7.95	9.34
50.0	0.347	0.639	1.34	1.84	2.84	3.84	4.33	5.33	6.33	7.33	9.33	10.8
25.0	0.690	1.35	1.96	2.55	3.71	4.83	5.40	6.51	7.61	8.70	10.9	12.5
10.0	1.15	1.94	2.66	3.34	4.64	5.89	6.50	7.70	8.89	10.1	12.4	14.1
5.0	1.50	2.37	3.15	3.88	5.26	6.57	7.22	8.48	9.72	10.9	13.3	15.1
1.0	2.30	3.32	4.20	5.02	6.55	8.00	8.70	10.1	11.4	12.7	15.3	17.2
0.10		0.40	0.65	1.0	1.5	2.5	4.0	6.5	10.0	15.0	20.0	25.0
Acceptable Quality Levels (tightened inspection)												

Notes: AQL values given in above table based on Poisson distribution as an approximation to the Binomial.

TABLE X-L-2 - SAMPLING PLANS FOR SAMPLE SIZE CODE LETTER: L

.Type of sampling plan	Gen- eral sample size	Acceptable Quality Levels (normal inspection)																Gen- eral sample size	
		Less than 0.065	0.065	0.10	0.15	0.25	0.40	0.65	1.0	1.5	2.5	4.0	6.5	Higher than 6.5					
Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re		
Single	200	▽	0 1			1 2	2 3	3 4	5 6	7 8	9 10	11 12	13 14	15 16	17 18	19 21	22	△	200
				Use code Letter															
Double	125	▽	.			0 2	0 3	1 4	2 5	3 7	5 9	6 10	7 11	9 14	11 16		△	125	
	250					1 2	3 4	4 5	6 7	8 9	11 12	13 15	16 18	19 23	24 26	27		250	
Multiple	50	▽	.			.	2	.	3	.	4	0 5	0 6	1 7	1 8	2 9	△	50	
	100					.	2	0 3	0 3	1 5	1 6	2 7	3 8	5 9	4 10	6 12	7 14	100	
	150					0 2	0 3	1 4	2 6	3 8	4 9	6 10	7 12	8 13	11 17	13 19		150	
	200					0 3	1 4	2 5	3 7	5 10	6 11	8 13	10 15	12 17	16 22	19 25		200	
	250					1 3	2 4	3 6	5 8	7 11	9 12	11 15	14 17	17 20	22 25	25 29		250	
	300					1 3	3 5	4 6	7 9	10 12	12 14	14 17	18 20	21 23	27 29	31 33		300	
	350					2 3	4 5	6 7	9 10	13 16	14 15	16 19	21 22	25 26	32 33	37 38		350	
		Less than 0.10	0.10	0.15	0.25	0.40	0.65	1.0	1.5	2.5	4.0	6.5	Higher than 6.5						

Acceptable Quality Levels (tightened inspection)

Acceptable Quality Levels (tightened inspection)

△ = Use next preceding sample size code letter for which acceptance and rejection numbers are available.

▽ = Use next subsequent sample size code letter for which acceptance and rejection numbers are available.

Ac = Acceptance number

Re = Rejection number

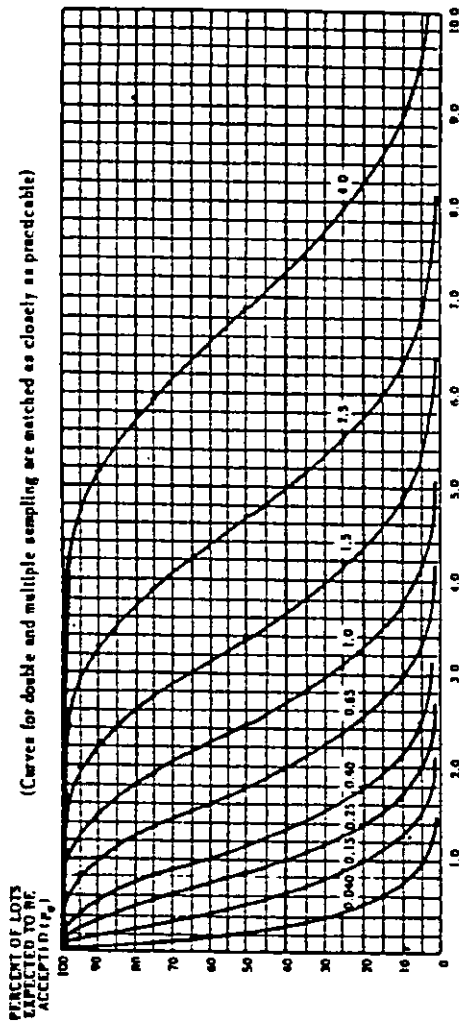
. = Use single sampling plan above (or alternatively use code letter P)

K = Acceptance not permitted at this sample size.

TABLE X-M — Tables for sample size code letter: M

CHART M - OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS

(Curves for double and multiple sampling are matched as closely as practicable)



QUALITY OF SUBMITTED LOTS (p, in percent defective for AQL's  $\leq 10$ ; in defects per hundred units for AQL's  $> 10$ )

Note: Figures on curves are Acceptable Quality Levels (AQL's) for normal inspection.

TABLE X-M-1 - TABULATED VALUES FOR OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS

P <sub>e</sub>	Acceptable Quality Levels (normal inspection)										
	0.040	0.15	0.25	0.40	0.65	1.0	1.5	2.5	4.0	10.0	10.9
p (in percent defective or in defects per hundred units)											
99.0	0.00319	0.0472	0.138	0.261	0.567	0.923	1.11	1.51	1.94	2.37	3.99
95.0	0.0163	0.113	0.260	0.434	0.830	1.26	1.49	1.96	2.44	2.94	4.73
90.0	0.0335	0.169	0.350	0.534	1.00	1.48	1.72	2.23	2.74	3.27	5.16
75.0	0.0913	0.305	0.548	0.805	1.34	1.89	2.17	2.74	3.31	3.89	5.93
50.0	0.220	0.533	0.849	1.17	1.80	2.43	2.75	3.39	4.02	4.66	6.88
25.0	0.440	0.855	1.24	1.62	2.36	3.07	3.43	4.13	4.83	5.52	7.92
10.0	0.731	1.23	1.69	2.12	2.94	3.74	4.13	4.89	5.64	6.39	8.95
5.0	0.951	1.51	2.00	2.46	3.34	4.17	4.58	5.38	6.17	6.95	9.60
1.0	1.46	2.11	2.67	3.19	4.16	5.08	5.52	6.40	7.24	8.08	10.9
0.065	0.25	0.40	0.65	1.0	1.5	2.5	4.0	6.0	9.0	14.0	20.0
Acceptable Quality Levels (tightened inspection)											
99.0	0.00319	0.0472	0.138	0.261	0.567	0.923	1.11	1.51	1.94	2.37	3.99
95.0	0.0163	0.113	0.260	0.434	0.830	1.26	1.49	1.96	2.44	2.94	4.73
90.0	0.0335	0.169	0.350	0.534	1.00	1.48	1.72	2.23	2.74	3.27	5.16
75.0	0.0913	0.305	0.548	0.805	1.34	1.89	2.17	2.74	3.31	3.89	5.93
50.0	0.220	0.533	0.849	1.17	1.80	2.43	2.75	3.39	4.02	4.66	6.88
25.0	0.440	0.855	1.24	1.62	2.36	3.07	3.43	4.13	4.83	5.52	7.92
10.0	0.731	1.23	1.69	2.12	2.94	3.74	4.13	4.89	5.64	6.39	8.95
5.0	0.951	1.51	2.00	2.46	3.34	4.17	4.58	5.38	6.17	6.95	9.60
1.0	1.46	2.11	2.67	3.19	4.16	5.08	5.52	6.40	7.24	8.08	10.9
0.065	0.25	0.40	0.65	1.0	1.5	2.5	4.0	6.0	9.0	14.0	20.0

Note: All values given in above table based on Poisson distribution as an approximation to the Binomial.

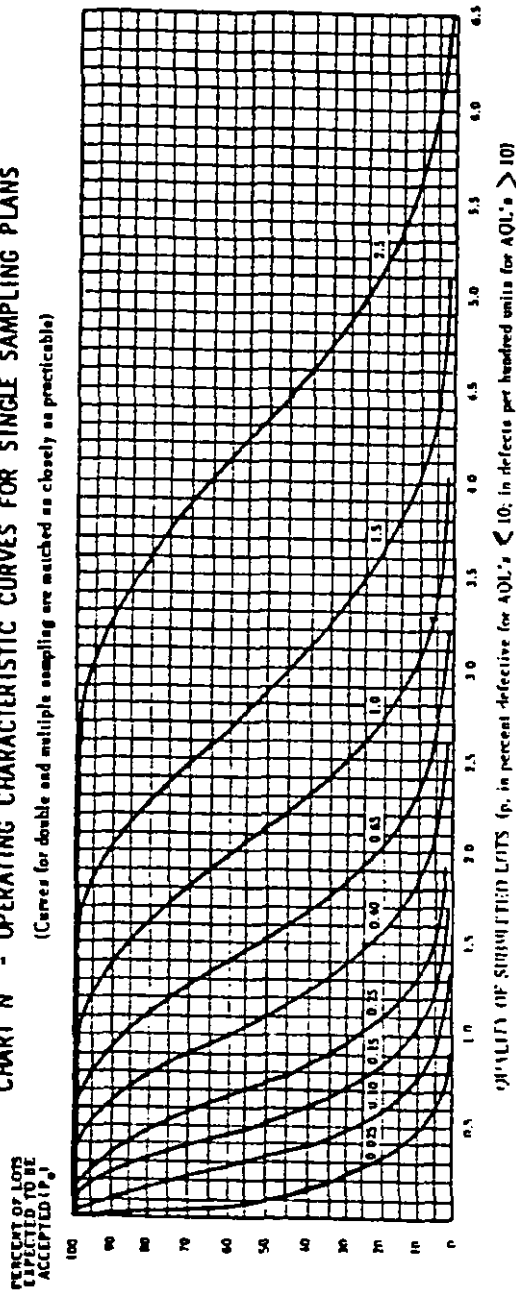
TABLE X-M-2 - SAMPLING PLANS FOR SAMPLE SIZE CODE LETTER: M

Type of sampling plan	Cumulative sample size	Acceptable Quality Levels (normal inspection)																				Cumulative sample size												
		Less than 0.040	0.040		0.065		0.10		0.15		0.25		0.40		0.65		1.0		1.5		2.5		4.0		Higher than 4.0									
			Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac		Re	Ac		Re	Ac	Re						
Single	315	▽	0	1						1	2	2	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	21	22	△	
Double	200	▽	.							0	2	0	3	1	4	2	5	3	7	3	5	9	6	10	7	11	9	14	11	16	△			
	400									1	2	3	4	4	5	6	7	8	9	11	12	12	13	15	16	18	19	23	24	26	27			
Multiple	80	▽	.							.	2	.	2	.	3	.	4	0	4	0	4	0	5	0	6	1	7	1	8	2	9	△		
	160									.	2	0	3	0	3	1	5	1	6	2	7	3	8	3	9	4	10	6	12	7	14			
	240									0	2	0	3	1	4	2	6	3	8	4	9	6	10	7	12	8	13	11	17	13	19			
	320									0	3	1	4	2	5	3	7	5	10	6	11	8	13	10	15	12	17	16	22	19	25			
	400									1	3	2	4	3	6	5	8	7	11	9	12	11	15	14	17	17	20	22	25	25	29			
	480									1	3	3	5	4	6	7	9	10	12	12	14	14	17	18	20	21	23	27	29	31	33			
	560									2	3	4	5	6	7	9	10	13	14	14	15	18	19	21	22	25	26	32	33	37	38			
			Less than 0.065	0.065						0.25	0.40	0.65	1.0																					Higher than 4.0
		Acceptable Quality Levels (tightened inspection)																																

TABLE X-N—Tables for sample size code letter: N

CHART N - OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS

(Curves for double and multiple sampling are matched as closely as practicable)



Note: Figures on curves are Acceptable Quality Levels (AQL's) for usual inspection.

TABLE X-N-1 - TABULATED VALUES FOR OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS

P <sub>a</sub>	Acceptable Quality Levels (normal inspection)										
	0.025	0.10	0.15	0.25	0.40	0.65	1.0	1.5	2.5	3.5	4.5
	p (in percent defective or in defects per hundred units)										
99.0	0.00201	0.0097	0.0172	0.165	0.357	0.581	0.701	0.954	1.22	1.50	2.07
95.0	0.0103	0.0211	0.0345	0.273	0.523	0.796	0.939	1.23	1.54	1.85	2.49
90.0	0.0211	0.0406	0.0630	0.349	0.630	0.931	1.09	1.40	1.73	2.06	2.73
75.0	0.0575	0.102	0.145	0.507	0.844	1.19	1.37	1.72	2.08	2.45	3.18
50.0	0.139	0.236	0.336	0.734	1.13	1.53	1.73	2.13	2.53	2.93	3.73
25.0	0.277	0.439	0.584	1.02	1.48	1.94	2.16	2.60	3.04	3.48	4.35
10.0	0.461	0.676	0.899	1.36	1.85	2.35	2.60	3.08	3.56	4.03	4.95
5.0	0.599	0.849	1.16	1.55	2.10	2.63	2.89	3.39	3.89	4.38	5.34
1.0	0.921	1.33	1.68	2.01	2.62	3.20	3.48	4.03	4.56	5.09	6.12
0.040	0.15	0.25	0.40	0.65	1.0	1.5	2.0	2.5	3.0	3.5	4.5
Acceptable Quality Levels (tightened inspection)											
99.0	0.00201	0.0097	0.0172	0.165	0.357	0.581	0.701	0.954	1.22	1.50	2.07
95.0	0.0103	0.0211	0.0345	0.273	0.523	0.796	0.939	1.23	1.54	1.85	2.49
90.0	0.0211	0.0406	0.0630	0.349	0.630	0.931	1.09	1.40	1.73	2.06	2.73
75.0	0.0575	0.102	0.145	0.507	0.844	1.19	1.37	1.72	2.08	2.45	3.18
50.0	0.139	0.236	0.336	0.734	1.13	1.53	1.73	2.13	2.53	2.93	3.73
25.0	0.277	0.439	0.584	1.02	1.48	1.94	2.16	2.60	3.04	3.48	4.35
10.0	0.461	0.676	0.899	1.36	1.85	2.35	2.60	3.08	3.56	4.03	4.95
5.0	0.599	0.849	1.16	1.55	2.10	2.63	2.89	3.39	3.89	4.38	5.34
1.0	0.921	1.33	1.68	2.01	2.62	3.20	3.48	4.03	4.56	5.09	6.12
0.040	0.15	0.25	0.40	0.65	1.0	1.5	2.0	2.5	3.0	3.5	4.5

Note: All values given in above table based on Poisson distribution as an approximation to the Binomial.

TABLE X-N-2 - SAMPLING PLANS FOR SAMPLE SIZE CODE LETTER, N

Type of sampling plan	Commutative sample size	Acceptable Quality Levels (normal inspection)																								Commutative sample size				
		Less than 0.025		0.025		0.040		0.065		0.10		0.15		0.25		0.40		0.65		1.0		1.5		2.5			Higher than 2.5			
		Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re		Ac	Re	Ac	Re
		Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re		Ac	Re	Ac	Re
Single	500	▽	0	1																										
Double	315 630	▽	.																											
Multiple	125 250 375 500 625 750 875	▽	.																											
		Less than 0.040	0.040	×	0.065	0.10	0.15	0.25	0.40	0.65	×	1.0	×	1.5	×	2.5	×			Higher than 2.5										
		Acceptable Quality Levels (tightened inspection)																												

- △ Use next preceding sample size code letter for which acceptance and rejection numbers are available.  
▽ Use next subsequent sample size code letter for which acceptance and rejection numbers are available.  
Ac Acceptance number  
Re Rejection number  
. Use single sampling plan above (or alternatively use code letter B)  
. Acceptance not permitted at this sample size.



TABLE X-P—Tables for sample size code letter: P

CHART P - OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS

(Curves for double and multiple sampling are matched as closely as practicable)

PERCENT OF LOTS  
ACCEPTED (Pa)  
CRITICAL (Pc)

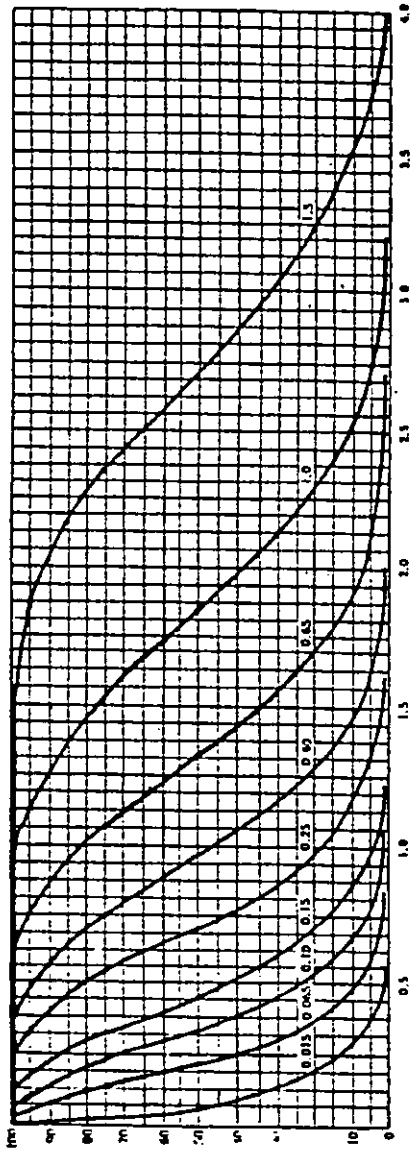


TABLE X-P-1 - TABULATED VALUES FOR OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS

Pa	Acceptable Quality Levels (normal inspection)										
	0.015	0.045	0.10	0.15	0.25	0.40	0.596	0.771	0.961	1.08	1.29
99.0	0.00126	0.0186	0.0345	0.103	0.223	0.363	0.438	0.596	0.752	0.935	1.29
95.0	0.00641	0.0444	0.102	0.171	0.327	0.498	0.587	0.771	0.961	1.16	1.56
90.0	0.0132	0.0665	0.138	0.218	0.394	0.582	0.679	0.878	1.08	1.29	1.71
75.0	0.0360	0.120	0.216	0.317	0.527	0.745	0.855	1.08	1.30	1.53	1.99
50.0	0.0666	0.210	0.334	0.459	0.709	0.959	1.08	1.33	1.58	1.83	2.33
25.0	0.173	0.337	0.490	0.639	0.928	1.21	1.35	1.63	1.90	2.17	2.72
10.0	0.288	0.486	0.665	0.835	1.16	1.47	1.62	1.93	2.22	2.52	3.09
5.0	0.374	0.593	0.787	0.969	1.31	1.64	1.80	2.12	2.43	2.74	3.34
1.0	0.576	0.830	1.05	1.26	1.64	2.00	2.18	2.52	2.85	3.18	3.82
0.025	0.10	0.10	0.15	0.25	0.40	0.596	0.771	0.961	1.08	1.29	1.57
Acceptable Quality Levels (tightened inspection)											
99.0	0.00126	0.0186	0.0345	0.103	0.223	0.363	0.438	0.596	0.752	0.935	1.29
95.0	0.00641	0.0444	0.102	0.171	0.327	0.498	0.587	0.771	0.961	1.16	1.56
90.0	0.0132	0.0665	0.138	0.218	0.394	0.582	0.679	0.878	1.08	1.29	1.71
75.0	0.0360	0.120	0.216	0.317	0.527	0.745	0.855	1.08	1.30	1.53	1.99
50.0	0.0666	0.210	0.334	0.459	0.709	0.959	1.08	1.33	1.58	1.83	2.33
25.0	0.173	0.337	0.490	0.639	0.928	1.21	1.35	1.63	1.90	2.17	2.72
10.0	0.288	0.486	0.665	0.835	1.16	1.47	1.62	1.93	2.22	2.52	3.09
5.0	0.374	0.593	0.787	0.969	1.31	1.64	1.80	2.12	2.43	2.74	3.34
1.0	0.576	0.830	1.05	1.26	1.64	2.00	2.18	2.52	2.85	3.18	3.82
0.025	0.10	0.10	0.15	0.25	0.40	0.596	0.771	0.961	1.08	1.29	1.57

Notes: All values given in above table based on Poisson distribution as an approximation to the Binomial.

TABLE X-P-2 - SAMPLING PLANS FOR SAMPLE SIZE CODE LETTER: P

Type of sampling plan	Conse- lative sample size	Acceptable Quality Levels (normal inspection)																				Higher than 1.5							
		0.010	0.015	0.025	0.040	0.065	0.10	0.15	0.25	0.40	0.65	1.0	1.5	Higher than 1.5															
		Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re												
		Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re												
Single	800	▽	0	1																									△
	500	▽																											△
	1000																												
Multiple	200	▽																											△
	400																												
	600																												
	800																												
	1000																												
	1200																												
	1400																												
Less than 0.025																													
Higher than 1.5																													

△ = Use next preceding sample size code letter for which acceptance and rejection numbers are available.

▽ = Use next subsequent sample size code letter for which acceptance and rejection numbers are available.

Ac = Acceptance number.

Re = Rejection number.

• = Use single sampling plan above.

• = Acceptance not permitted at this sample size.

TABLE X-Q—Tables for sample size code letter: Q

CHART Q - OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS  
(Curves for double and multiple sampling are matched as closely as practicable)

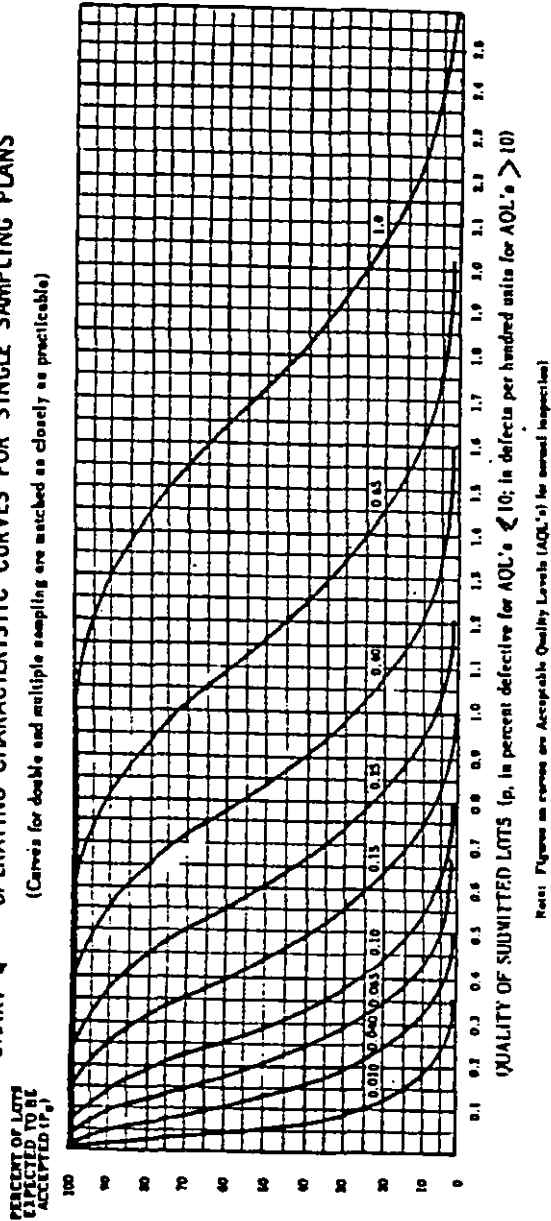


TABLE X-Q-1 - TABULATED VALUES FOR OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS

P <sub>a</sub>	Acceptable Quality Levels (normal inspection)										
	0.010	0.040	0.065	0.10	0.15	0.25	0.40	0.65	1.0	1.0	1.0
p (in percent defective or defects per hundred units)											
99.0	0.000804	0.0119	0.0349	0.0659	0.143	0.232	0.281	0.382	0.488	0.598	0.828
95.0	0.00410	0.0284	0.0654	0.109	0.209	0.318	0.376	0.494	0.615	0.740	0.995
90.0	0.00843	0.0425	0.0882	0.140	0.252	0.372	0.435	0.562	0.692	0.824	1.09
75.0	0.0230	0.0769	0.138	0.203	0.338	0.476	0.547	0.690	0.834	0.979	1.27
50.0	0.0515	0.134	0.214	0.294	0.454	0.614	0.694	0.853	1.01	1.17	1.49
25.0	0.111	0.215	0.316	0.409	0.594	0.775	0.864	1.04	1.22	1.39	1.74
10.0	0.184	0.311	0.426	0.534	0.742	0.942	1.04	1.23	1.42	1.61	1.98
5.0	0.240	0.380	0.504	0.620	0.841	1.05	1.15	1.36	1.56	1.75	2.14
1.0	0.368	0.531	0.672	0.804	1.05	1.28	1.39	1.61	1.83	2.04	2.45
0.015	0.065	0.10	0.10	0.15	0.25	0.40	0.65	1.0	1.0	1.0	1.0
Acceptable Quality Levels (tightened inspection)											

Note: All values given in above table based on Poisson distribution as an approximation to the Binomial

TABLE X-Q-2 - SAMPLING PLANS FOR SAMPLE SIZE CODE LETTER: Q

Type of sampling plan	Commu- nitive sample size	Acceptable Quality Levels (normal inspection)																								Higher than 1.0					
		0.010		0.015		0.025		0.040		0.065		0.10		0.15		0.25		0.40		0.65		1.0		Higher than 1.0							
		Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re						
		Use	Letter	Use	code Letter	Use	code Letter	Use	code Letter	Use	code Letter	Use	code Letter	Use	code Letter	Use	code Letter	Use	code Letter	Use	code Letter	Use	code Letter	Use	code Letter						
Single	1250	0	1					1	2	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	19	21	22	Δ	1250		
Double	800 1600	•						0	2	0	3	1	4	2	5	3	7	3	5	9	6	10	7	11	9	14	11	16	Δ	800 1600	
Multiple	315 630 945 1260 1575 1890 2205	•						0	2	0	3	1	4	2	6	3	8	6	9	6	10	7	12	8	13	11	17	13	19	Δ	315 630 945 1260 1575 1890 2205
		0.010	0.015	X	0.025	0.040	0.065	0.10	0.15	X	0.25	0.40	X	0.65	X	1.0	X	Higher than 1.0													
Acceptable Quality Levels (tightened inspection)																															

Δ □ Use next preceding sample size code letter for which acceptance and rejection numbers are available.

Ac □ Acceptance number

Re □ Rejection number

• □ Use single sampling plan above.

• □ Acceptance not permitted at this sample size.

TABLE X-R—Tables for sample size code letter: R

CHART R - OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS

(Curves for double and multiple sampling are matched as closely as practicable)

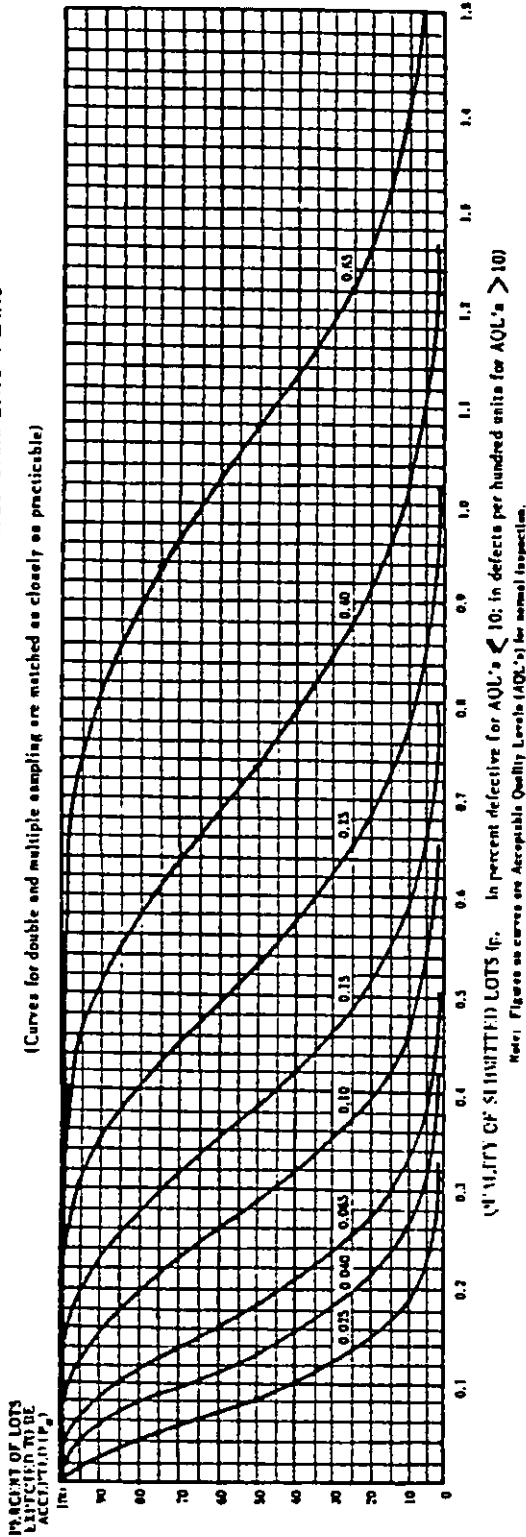


TABLE X-R-1 - TABULATED VALUES FOR OPERATING CHARACTERISTIC CURVES FOR SINGLE SAMPLING PLANS

P <sub>a</sub>	Acceptable Quality Levels (normal inspection)										
	0.025	0.040	0.065	0.10	0.15	0.25	0.40	0.65	1.0	1.25	1.51
p (in percent defective or defects per hundred units)											
99.0	0.00743	0.0218	0.0412	0.0892	0.145	0.239	0.374	0.517	0.629		
95.0	0.0178	0.0409	0.0683	0.131	0.199	0.309	0.462	0.622	0.745		
90.0	0.0266	0.0551	0.0872	0.158	0.233	0.351	0.515	0.694	0.812		
75.0	0.0481	0.0864	0.127	0.211	0.298	0.431	0.612	0.795	0.934		
50.0	0.0839	0.134	0.181	0.284	0.383	0.533	0.733	0.933	1.08		
25.0	0.135	0.196	0.255	0.371	0.484	0.651	0.870	1.09	1.25		
10.0	0.194	0.266	0.334	0.464	0.589	0.770	1.01	1.24	1.41		
5.0	0.237	0.315	0.388	0.526	0.657	0.848	1.09	1.33	1.51		
1.0	0.332	0.420	0.502	0.655	0.800	1.02	1.27	1.53	1.72		
0.040	0.065	0.10	0.15	0.25	0.40	0.65	1.0	1.51	2.0		
Acceptable Quality Levels (lightened inspection)											

Note: All values given in above table based on Poisson distribution as is appropriate to the Binomial.

TABLE X-R-2 - SAMPLING PLANS FOR SAMPLE SIZE CODE LETTER, R

Type of sampling plan	Consecutive sample size	Acceptable Quality Levels (normal inspection)																	Consecutive sample size						
		X	0.010		0.015		X	0.025		0.040		0.065		0.10		0.15		X		0.25		0.40		X	Higher than 0.65
			Ac	Re	Ac	Re		Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re			Ac	Re	Ac	Re		
Single	2000	0	1																						2000
Double	1250																								1250
	2500																								2500
Multiple	500																								500
	1000																								1000
	1500																								1500
	2000																								2000
	2500																								2500
	3000																								3000
	3500																								3500
		0.010	0.015	X	0.025	0.040	0.065	0.10	0.15	X	0.25	X	0.40	X	0.65	X	Higher than 0.65	Acceptable Quality Levels (tightened inspection)							

Δ Use next preceding sample size code letter for which acceptance and rejection numbers are available.

Ac Acceptance number.

Re Rejection number.

• Use single sampling plan above.

• Acceptance not permitted at this sample size.

R

TABLE X-S—Tables for sample size code letter: S

Type of sampling plan	Cumulative sample size	Acceptable Quality Level (normal inspection)	
		Ac	Re
Single	3150	1	2
Double	2000	0	2
	4000	1	2
Multiple	800	2	2
	1600	2	2
	2400	0	2
	3200	0	3
	4000	1	3
	4800	1	3
	5600	2	3
		0.025	
		Acceptable Quality Level (tightened inspection)	

Ac = Acceptance number  
 Re = Rejection number  
 # = Acceptance not permitted at this sample size.

6. NOTES

6.1 Intended Use. Sampling procedures and tables for inspection by attributes are intended to be used in the acquisition of Defense material.

6.2 Subject Term (Key Word) Listing.

Acceptable Quality Level (AQL)

Average Outgoing Quality (AOQ)

Defect

Defective

Lot or Batch

Process Average

Sample

Sampling Plan

Unit of Product

6.3 Changes from Previous Issue. Vertical lines or asterisks are not used in this revision to identify changes with respect to the previous issue due to the extensiveness of the changes.



MIL-STD-105E

CONCLUDING MATERIAL

Custodians:

Army - AR  
Navy - OS  
Air Force - 23

Preparing Activity:

Army - AR

Review Activities:

Army - MI, EA, TE, AV, ER  
Navy - AS, EC, MC, OM, SA,  
SH, TD, YD  
DLA - ES, GS, SS  
OSD - IP, SO

(Project QCIC-0085)

User Activities:

Army - ME  
DLA - ES, SS

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# STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

(See Instructions - Reverse Side)

1. DOCUMENT NUMBER MIL-STD-105E		2. DOCUMENT TITLE SAMPLING PROCEDURES AND TABLES FOR INSPECTION BY ATTRIBUTES	
3a. NAME OF SUBMITTING ORGANIZATION		4. TYPE OF ORGANIZATION (Mark one)	
b. ADDRESS (Street, City, State, ZIP Code)		<input type="checkbox"/> VENDOR	
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5. PROBLEM AREAS			
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MIL-STD-105E  
NOTICE 2  
26 March 2001  
SUPERSEDING  
NOTICE 1  
27 February 1995

MILITARY STANDARD  
SAMPLING PROCEDURES AND TABLES  
FOR INSPECTION BY ATTRIBUTES

MIL-STD-105E, dated 10 May 1989, is hereby canceled without replacement. Current DOD PREFERRED METHODS FOR ACCEPTANCE OF PRODUCTS are described in MIL-STD-1916, dated 1 April 1996, and should be considered for future acquisitions.

Custodians:  
Army – AR  
Navy – OS  
Air Force – 10

Preparing Activity:  
Army – AR

(Project QCIC-0164)

ASMC N/A

AREA QCIC

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