

KUMPULAN TABEL MIL-STD-105E

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^{*)} ***Farnum, Nicholas R. 1994. Modern Statistical Quality Control and Improvement. Wadsworth, Inc., California.***

Tahapan Implementasi MIL-STD-105E

1. Tentukan *AQL* (*Acceptable Quality Level*) berdasarkan perjanjian produsen dan pelanggan.
2. Tetapkan modus dan tingkat inspeksi (jika tidak, gunakan *Normal Inspection, Level II*).
3. Tentukan ukuran lot (*lot size*).
4. Gunakan tabel *Sample Size Code Letters* untuk memilih huruf kode yang sesuai.
5. Tetapkan tipe prosedur pengambilan sampel : *single, double, atau multiple sampling*.
6. Gunakan tabel yang berkaitan dengan prosedur pengambilan sampel terpilih (tahap 5) dan modus/tingkat inspeksi (tahap 2) untuk mendapatkan ukuran sampel dan angka penerimaan (*Ac*) serta angka penolakan (*Re*). Dalam kasus dimana suatu rancangan tidak ada untuk ukuran lot dan *AQL*-nya, hati-hati mengikuti tanda panah dalam tabel ke rancangan terdekat yang ada.
7. Mulailah gunakan rancangan tersebut dan catat penerimaan dan penolakan sehingga switching rule dapat diterapkan. Jika switching dilakukan, tentukan modus dan tingkat dan ulangi tahap 4-6 untuk mendapatkan rancangan pengambilan sampel yang baru.

SWITCHING RULE for MIL-STD-105E

- Dari *Normal* ke *Tightened Inspection* : setelah 2 lot ditolak dari 2, 3, 4, atau 5 lot berurutan
- Dari *Tightened* ke *Normal Inspection* : setelah 5 lot berurutan diterima
- Dari *Normal* ke *Reduced Inspection* : jika (i) 10 lot berurutan diterima, dan (ii) jumlah total *nonconforming items* dalam 10 lot tersebut tidak melebihi batas pada *Table VIII. Limit Numbers for Reduced Inspection.*, dan (iii) produksi stabil/mantap, dan (iv) disetujui oleh otoritas yang bertanggungjawab.
- Dari *Reduced* ke *Normal Inspection* : jika (i) suatu lot tunggal ditolak, atau (ii) suatu lot hanya sebagian dapat diterima (dhi. jumlah *nonconforming items* diantara angka diterima dan ditolak), atau (iii) produksi menjadi tidak stabil, atau (iv) kondisi-kondisi lain yang menjamin bahwa inspeksi Normal dapat dilakukan.

Table I. Sample-Size Code Letters.

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 1,200	C	C	E	F	G	J	K
1,201 to 3,200	C	D	E	G	H	K	L
3,201 to 10,000	C	D	F	G	J	L	M
10,001 to 35,000	C	D	F	H	K	M	N
35,001 to 150,000	D	E	G	J	L	N	P
150,001 to 500,000	D	E	G	J	M	P	Q
500,001 and over	D	E	H	K	N	Q	R

Table II - A. Single Sampling Plans for Normal Inspection (Master Table).

Sample size code letter	Sample size	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	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	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	
A	2	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	0 1	↓	↓	1 2	2 3	3 4	5 6	7 8	10 11	14 15	21 22	30 31			
B	3	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	0 1	↕	↓	1 2	2 3	3 4	5 6	7 8	10 11	14 15	21 22	30 31	44 45			
C	5	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	0 1	↕	↕	1 2	2 3	3 4	5 6	7 8	10 11	14 15	21 22	30 31	44 45	↑		
D	8	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	0 1	↕	↕	1 2	2 3	3 4	5 6	7 8	10 11	14 15	21 22	30 31	44 45	↑	↑			
E	13	↓	↓	↓	↓	↓	↓	↓	↓	↓	0 1	↕	↕	1 2	2 3	3 4	5 6	7 8	10 11	14 15	21 22	30 31	44 45	↑	↑	↑			
F	20	↓	↓	↓	↓	↓	↓	↓	↓	0 1	↑	↕	↕	1 2	2 3	3 4	5 6	7 8	10 11	14 15	21 22	↑	↑	↑	↑	↑	↑		
G	32	↓	↓	↓	↓	↓	↓	↓	0 1	↕	↓	1 2	2 3	3 4	5 6	7 8	10 11	14 15	21 22	↑	↑	↑	↑	↑	↑	↑	↑		
H	50	↓	↓	↓	↓	↓	↓	0 1	↕	↕	1 2	2 3	3 4	5 6	7 8	10 11	14 15	21 22	↑	↑	↑	↑	↑	↑	↑	↑	↑		
J	80	↓	↓	↓	↓	↓	0 1	↑	↕	↕	1 2	2 3	3 4	5 6	7 8	10 11	14 15	21 22	↑	↑	↑	↑	↑	↑	↑	↑	↑		
K	125	↓	↓	↓	↓	0 1	↕	↓	1 2	2 3	3 4	5 6	7 8	10 11	14 15	21 22	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑		
L	200	↓	↓	↓	0 1	↕	↕	1 2	2 3	3 4	5 6	7 8	10 11	14 15	21 22	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑		
M	315	↓	↓	0 1	↑	↕	↕	1 2	2 3	3 4	5 6	7 8	10 11	14 15	21 22	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑		
N	500	↓	0 1	↕	↕	1 2	2 3	3 4	5 6	7 8	10 11	14 15	21 22	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑		
P	800	↓	0 1	↕	↕	1 2	2 3	3 4	5 6	7 8	10 11	14 15	21 22	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑		
Q	1250	0 1	↑	↕	1 2	2 3	3 4	5 6	7 8	10 11	14 15	21 22	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑		
R	2000	↑	↑	1 2	2 3	3 4	5 6	7 8	10 11	14 15	21 22	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑		

↓ = 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.

Table II - B. Single Sampling Plans for Tightened Inspection (Master Table).

Sample size code letter	Sample size	Acceptable Quality Levels (tightened 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	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	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	
A	2	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	1 2	2 3	3 4	5 6	8 9	12 13	18 19	27 28		
B	3	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	1 2	2 3	3 4	5 6	8 9	12 13	18 19	27 28		
C	5	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	1 2	2 3	3 4	5 6	8 9	12 13	18 19	27 28		
D	8	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	1 2	2 3	3 4	5 6	8 9	12 13	18 19	27 28		
E	13	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	1 2	2 3	3 4	5 6	8 9	12 13	18 19	27 28		
F	20	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	1 2	2 3	3 4	5 6	8 9	12 13	18 19	27 28		
G	32	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	1 2	2 3	3 4	5 6	8 9	12 13	18 19	27 28		
H	50	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	1 2	2 3	3 4	5 6	8 9	12 13	18 19	27 28		
J	80	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	1 2	2 3	3 4	5 6	8 9	12 13	18 19	27 28		
K	125	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	1 2	2 3	3 4	5 6	8 9	12 13	18 19	27 28		
L	200	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	1 2	2 3	3 4	5 6	8 9	12 13	18 19	27 28		
M	315	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	1 2	2 3	3 4	5 6	8 9	12 13	18 19	27 28		
N	500	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	1 2	2 3	3 4	5 6	8 9	12 13	18 19	27 28		
P	800	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	1 2	2 3	3 4	5 6	8 9	12 13	18 19	27 28		
Q	1250	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	1 2	2 3	3 4	5 6	8 9	12 13	18 19	27 28		
R	2000	0 1	↑	↓	1 2	2 3	3 4	5 6	8 9	12 13	18 19	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑		
S	3150	0 1	↑	↓	1 2	2 3	3 4	5 6	8 9	12 13	18 19	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑		

 = 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.

Table II - C. Single Sampling Plans for Reduced Inspection (Master Table).

Sample size code letter	Sample size	Acceptable Quality Levels (reduced 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	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	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	
A	2	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	0 1	↓	↓	1 2	2 3	3 4	5 6	7 8	10 11	14 15	21 22	30 31			
B	2	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	0 1	↓	↓	1 3	2 4	3 5	5 6	7 8	10 11	14 15	21 22	30 31				
C	2	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	0 1	↑	↓	1 3	1 4	2 5	3 6	5 8	7 10	10 13	14 17	21 24	↑			
D	3	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	0 1	↑	↓	0 2	1 3	1 4	2 5	3 6	5 8	7 10	10 13	14 17	21 24	↑	↑			
E	5	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	0 1	↑	↓	0 2	1 3	1 4	2 5	3 6	5 8	7 10	10 13	14 17	21 24	↑	↑			
F	8	↓	↓	↓	↓	↓	↓	↓	↓	↓	0 1	↑	↓	0 2	1 3	1 4	2 5	3 6	5 8	7 10	10 13	↑	↑	↑	↑	↑			
G	13	↓	↓	↓	↓	↓	↓	↓	0 1	↑	↓	0 2	1 3	1 4	2 5	3 6	5 8	7 10	10 13	↑	↑	↑	↑	↑	↑	↑			
H	20	↓	↓	↓	↓	↓	↓	↓	0 1	↑	↓	0 2	1 3	1 4	2 5	3 6	5 8	7 10	10 13	↑	↑	↑	↑	↑	↑	↑			
J	32	↓	↓	↓	↓	↓	0 1	↑	↓	0 2	1 3	1 4	2 5	3 6	5 8	7 10	10 13	↑	↑	↑	↑	↑	↑	↑	↑	↑			
K	50	↓	↓	↓	↓	0 1	↑	↓	0 2	1 3	1 4	2 5	3 6	5 8	7 10	10 13	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑			
L	80	↓	↓	↓	0 1	↑	↓	0 2	1 3	1 4	2 5	3 6	5 8	7 10	10 13	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑			
M	125	↓	↓	↓	0 1	↑	↓	0 2	1 3	1 4	2 5	3 6	5 8	7 10	10 13	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑			
N	200	↓	↓	0 1	↑	↓	0 2	1 3	1 4	2 5	3 6	5 8	7 10	10 13	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑			
P	315	↓	0 1	↑	↓	0 2	1 3	1 4	2 5	3 6	5 8	7 10	10 13	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑			
Q	500	0 1	↑	↑	0 2	1 3	1 4	2 5	3 6	5 8	7 10	10 13	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑			
R	800	↑	↑	0 2	1 3	1 4	2 5	3 6	5 8	7 10	10 13	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑			

↓ = 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.



† = If the acceptance number has been exceeded, but the rejection number has not been reached; accept the lot, but reinstate normal inspection.

Ac = Acceptance number.

Re = Rejection number.

Table III - A. Double Sampling Plans for Normal Inspection (Master Table).

Sample size code letter	Sample	Sample size	Cumulative sample size	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	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	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re
A				↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
B	First Second	2 2	2 4	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
C	First Second	3 3	3 6	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
D	First Second	5 5	5 10	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
E	First Second	8 8	8 16	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
F	First Second	13 13	13 26	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
G	First Second	20 20	20 40	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
H	First Second	32 32	32 64	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
J	First Second	50 50	50 100	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
K	First Second	80 80	80 160	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
L	First Second	125 125	125 250	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
M	First Second	200 200	200 400	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
N	First Second	315 315	315 630	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
P	First Second	500 500	500 1000	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
Q	First Second	800 800	800 1600	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
R	First Second	1250 1250	1250 2500	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			

 = 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.
 • = Use corresponding single sampling plan (or alternatively, use double sampling plan below, where available).

Ac = Acceptance number.
 Re = Rejection number.

Table III - B. Double Sampling Plans for Tightened Inspection (Master Table).

Sample size code letter	Sample	Sample size	Cumulative sample size	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	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	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re
A				↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
B	First Second	2 2	2 4	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
C	First Second	3 3	3 6	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
D	First Second	5 5	5 10	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
E	First Second	8 8	8 16	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
F	First Second	13 13	13 26	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
G	First Second	20 20	20 40	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
H	First Second	32 32	32 64	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
J	First Second	50 50	50 100	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
K	First Second	80 80	80 160	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
L	First Second	125 125	125 250	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
M	First Second	200 200	200 400	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
N	First Second	315 315	315 630	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
P	First Second	500 500	500 1000	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
Q	First Second	800 800	800 1600	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
R	First Second	1250 1250	1250 2500	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
S	First Second	2000 2000	2000 4000	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			



 = Use first sampling plan below arrow. If sample size equals or exceeds lot or batch size, do 100 percent inspection. Ac = Acceptance number.
 = Use first sampling plan above arrow. Re = Rejection number.
 • = Use corresponding single sampling plan (or alternatively, use double sampling plan below, where available).

Table III - C. Double Sampling Plans for Reduced Inspection (Master Table).

Sample size code letter	Sample	Sample size	Cumulative sample size	Acceptable Quality Levels (reduced 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	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	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re
A				↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
B				↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
C				↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
D	First	2	2	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
	Second	2	4	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
E	First	3	3	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
	Second	3	6	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
F	First	5	5	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
	Second	5	10	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
G	First	8	8	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
	Second	8	16	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
H	First	13	13	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
	Second	13	26	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
J	First	20	20	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
	Second	20	40	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
K	First	32	32	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
	Second	32	64	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
L	First	50	50	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
	Second	50	100	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
M	First	80	80	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
	Second	80	160	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
N	First	125	125	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
	Second	125	250	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
P	First	200	200	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
	Second	200	400	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
Q	First	315	315	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
	Second	315	630	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
R	First	500	500	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
	Second	500	1000	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			

↓ = 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.

• = Use corresponding single sampling plan (or alternatively, use double sampling plan below, where available).

† = If, after the second sample, the acceptance number has been exceeded, but the rejection number has not been reached, accept the lot, but reinstate normal inspection.

Table IV - A. Multiple Sampling Plans for Normal Inspection (Master Table).

Sample size code letter	Sample	Sample size	Cumulative sample size	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	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	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re
A				↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
B				↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
C				↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
D	First	2	2	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Second	2	4	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Third	2	6	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Fourth	2	8	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Fifth	2	10	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Sixth	2	12	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Seventh	2	14	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
E	First	3	3	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Second	3	6	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Third	3	9	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Fourth	3	12	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Fifth	3	15	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Sixth	3	18	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Seventh	3	21	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
F	First	5	5	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Second	5	10	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Third	5	15	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Fourth	5	20	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Fifth	5	25	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Sixth	5	30	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Seventh	5	35	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
G	First	8	8	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Second	8	16	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Third	8	24	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Fourth	8	32	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Fifth	8	40	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Sixth	8	48	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Seventh	8	56	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
H	First	13	13	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Second	13	26	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Third	13	39	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Fourth	13	52	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Fifth	13	65	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Sixth	13	78	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Seventh	13	91	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
J	First	20	20	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Second	20	40	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Third	20	60	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Fourth	20	80	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Fifth	20	100	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Sixth	20	120	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
	Seventh	20	140	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		

 = Use first sampling plan below arrow (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 arrow.

• = Use corresponding single sampling plan (or alternatively, use double sampling plan below, where available). Ac = Acceptance number.

++ = Use corresponding double sampling plan (or alternatively, use multiple sampling plan below, where available). # = Acceptance not permitted at this sample size. Re = Rejection number.



Table IV - A (continued).

Sample size code letter	Sample	Sample size	Cumulative sample size	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										
				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	First	32	32																																									
	Second	32	64																																	# 2	# 2	# 3	# 4	0 4	0 5	1 7	2 9	
	Third	32	96																																	# 2	0 3	0 3	1 4	1 5	1 6	3 8	4 10	7 14
	Fourth	32	128																																	0 2	0 3	1 4	2 6	3 8	6 10	8 13	13 19	
	Fifth	32	160																																	0 3	1 4	2 5	3 7	5 10	8 13	12 17	19 25	
	Sixth	32	192																																	1 3	2 4	3 6	5 8	7 11	11 15	17 20	25 29	
	Seventh	32	224																																	1 3	3 5	4 6	7 9	10 12	14 17	21 23	31 33	
L	First	50	50																																									
	Second	50	100																																# 2	# 2	# 3	# 4	0 4	0 5	1 7	2 9		
	Third	50	150																																# 2	0 3	0 3	1 5	1 6	3 8	4 10	7 14		
	Fourth	50	200																																0 2	0 3	1 4	2 6	3 8	6 10	8 13	13 19		
	Fifth	50	250																																0 3	1 4	2 5	3 7	5 10	8 13	12 17	19 25		
	Sixth	50	300																																1 3	2 4	3 6	5 8	7 11	11 15	17 20	25 29		
	Seventh	50	350																																1 3	3 5	4 6	7 9	10 12	14 17	21 23	31 33		
M	First	80	80																																									
	Second	80	160																																# 2	# 2	# 3	# 4	0 4	0 5	1 7	2 9		
	Third	80	240																																# 2	0 3	0 3	1 5	1 6	3 8	4 10	7 14		
	Fourth	80	320																																0 2	0 3	1 4	2 6	3 8	6 10	8 13	13 19		
	Fifth	80	400																																0 3	1 4	2 5	3 7	5 10	8 13	12 17	19 25		
	Sixth	80	480																																1 3	2 4	3 6	5 8	7 11	11 15	17 20	25 29		
	Seventh	80	560																																1 3	3 5	4 6	7 9	10 12	14 17	21 23	31 33		
N	First	125	125																																									
	Second	125	250																																# 2	# 2	# 3	# 4	0 4	0 5	1 7	2 9		
	Third	125	375																																# 2	0 3	0 3	1 5	1 6	3 8	4 10	7 14		
	Fourth	125	500																																0 2	0 3	1 4	2 6	3 8	6 10	8 13	13 19		
	Fifth	125	625																																0 3	1 4	2 5	3 7	5 10	8 13	12 17	19 25		
	Sixth	125	750																																1 3	2 4	3 6	5 8	7 11	11 15	17 20	25 29		
	Seventh	125	875																																1 3	3 5	4 6	7 9	10 12	14 17	21 23	31 33		
P	First	200	200																																									
	Second	200	400																																# 2	# 2	# 3	# 4	0 4	0 5	1 7	2 9		
	Third	200	600																																# 2	0 3	0 3	1 5	1 6	3 8	4 10	7 14		
	Fourth	200	800																																0 2	0 3	1 4	2 6	3 8	6 10	8 13	13 19		
	Fifth	200	1000																																0 3	1 4	2 5	3 7	5 10	8 13	12 17	19 25		
	Sixth	200	1200																																1 3	2 4	3 6	5 8	7 11	11 15	17 20	25 29		
	Seventh	200	1400																																1 3	3 5	4 6	7 9	10 12	14 17	21 23	31 33		
Q	First	315	315																																									
	Second	315	630																																# 2	# 2	# 3	# 4	0 4	0 5	1 7	2 9		
	Third	315	945																																# 2	0 3	0 3	1 5	1 6	3 8	4 10	7 14		
	Fourth	315	1260																																0 2	0 3	1 4	2 6	3 8	6 10	8 13	13 19		
	Fifth	315	1575																																0 3	1 4	2 5	3 7	5 10	8 13	12 17	19 25		
	Sixth	315	1890																																1 3	2 4	3 6	5 8	7 11	11 15	17 20	25 29		
	Seventh	315	2205																																1 3	3 5	4 6	7 9	10 12	14 17	21 23	31 33		
R	First	500	500																																									
	Second	500	1000																																# 2	# 2	# 3	# 4	0 4	0 5	1 7	2 9		
	Third	500	1500																																# 2	0 3	0 3	1 5	1 6	3 8	4 10	7 14		
	Fourth	500	2000																																0 2	0 3	1 4	2 6	3 8	6 10	8 13	13 19		
	Fifth	500	2500																																0 3	1 4	2 5	3 7	5 10	8 13	12 17	19 25		
	Sixth	500	3000																																1 3	2 4	3 6	5 8	7 11	11 15	17 20	25 29		
	Seventh	500	3500																																1 3	3 5	4 6	7 9	10 12	14 17	21 23	31 33		

= Use first sampling plan below arrow (refer to continuation of table on following page, when necessary). If sample size equals or exceeds lot or batch size, do 1
 • = Use corresponding single sampling plan (or alternatively, use double sampling plan below, where available). Ac = Acceptance number.
 ++ = Use corresponding double sampling plan (or alternatively, use multiple sampling plan below, where available). # = Acceptance not permitted

Table IV - B. Multiple Sampling Plans for Tightened Inspection (Master Table).

Sample size code letter	Sample	Sample size	Cumulative sample size	Acceptable Quality Levels (tightened 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	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	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re
A																															
B																															
C																															
D	First	2	2																												
	Second	2	4																												
	Third	2	6																												
	Fourth	2	8																												
	Fifth	2	10																												
	Sixth	2	12																												
	Seventh	2	14																												
E	First	3	3																												
	Second	3	6																												
	Third	3	9																												
	Fourth	3	12																												
	Fifth	3	15																												
	Sixth	3	18																												
	Seventh	3	21																												
F	First	5	5																												
	Second	5	10																												
	Third	5	15																												
	Fourth	5	20																												
	Fifth	5	25																												
	Sixth	5	30																												
	Seventh	5	35																												
G	First	8	8																												
	Second	8	16																												
	Third	8	24																												
	Fourth	8	32																												
	Fifth	8	40																												
	Sixth	8	48																												
	Seventh	8	56																												
H	First	13	13																												
	Second	13	26																												
	Third	13	39																												
	Fourth	13	52																												
	Fifth	13	65																												
	Sixth	13	78																												
	Seventh	13	91																												
J	First	20	20																												
	Second	20	40																												
	Third	20	60																												
	Fourth	20	80																												
	Fifth	20	100																												
	Sixth	20	120																												
	Seventh	20	140																												

 = Use first sampling plan below arrow (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 arrow.

• = Use corresponding single sampling plan (or alternatively, use double sampling plan below, where available). Ac = Acceptance number.



++ = Use corresponding double sampling plan (or alternatively, use multiple sampling plan below, where available). # = Acceptance not permitted at this sample size.

Table IV - B. (continued).

Sample size code letter	Sample	Sample size	Cumulative sample size	Acceptable Quality Levels (tightened 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	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	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re																										
K	First	32	32	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓																											
	Second	32	64																												# 2	# 2	# 3	# 4	0 4	0 6	1 8	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
	Third	32	96																												0 2	0 3	1 4	2 6	4 9	7 12	11 17																				
	Fourth	32	128																												0 3	1 4	2 5	3 7	6 11	10 15	16 22																				
	Fifth	32	160																												1 3	2 4	3 6	5 8	9 12	14 17	22 25																				
	Sixth	32	192																												1 3	3 5	4 6	7 9	12 14	18 20	27 29																				
	Seventh	32	224																												2 3	4 5	6 7	9 10	14 15	21 22	32 33																				
L	First	50	50	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓																											
	Second	50	100																												# 2	# 2	# 3	# 4	0 4	0 6	1 8	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	
	Third	50	150																												0 2	0 3	1 4	2 6	4 9	7 12	11 17																				
	Fourth	50	200																												0 3	1 4	2 5	3 7	6 11	10 15	16 22																				
	Fifth	50	250																												1 3	2 4	3 6	5 8	9 12	14 17	22 25																				
	Sixth	50	300																												1 3	3 5	4 6	7 9	12 14	18 20	27 29																				
	Seventh	50	350																												2 3	4 5	6 7	9 10	14 15	21 22	32 33																				
M	First	80	80	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓																											
	Second	80	160																												# 2	# 2	# 3	# 4	0 4	0 6	1 8	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	
	Third	80	240																												0 2	0 3	1 4	2 6	4 9	7 12	11 17																				
	Fourth	80	320																												0 3	1 4	2 5	3 7	6 11	10 15	16 22																				
	Fifth	80	400																												1 3	2 4	3 6	5 8	9 12	14 17	22 25																				
	Sixth	80	480																												1 3	3 5	4 6	7 9	12 14	18 20	27 29																				
	Seventh	80	560																												2 3	4 5	6 7	9 10	14 15	21 22	32 33																				
N	First	125	125	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓																											
	Second	125	250																												# 2	# 2	# 3	# 4	0 4	0 6	1 8	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	
	Third	125	375																												0 2	0 3	1 4	2 6	4 9	7 12	11 17																				
	Fourth	125	500																												0 3	1 4	2 5	3 7	6 11	10 15	16 22																				
	Fifth	125	625																												1 3	2 4	3 6	5 8	9 12	14 17	22 25																				
	Sixth	125	750																												1 3	3 5	4 6	7 9	12 14	18 20	27 29																				
	Seventh	125	875																												2 3	4 5	6 7	9 10	14 15	21 22	32 33																				
P	First	200	200	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓																											
	Second	200	400																												# 2	# 2	# 3	# 4	0 4	0 6	1 8	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	
	Third	200	600																												0 2	0 3	1 4	2 6	4 9	7 12	11 17																				
	Fourth	200	800																												0 3	1 4	2 5	3 7	6 11	10 15	16 22																				
	Fifth	200	1000																												1 3	2 4	3 6	5 8	9 12	14 17	22 25																				
	Sixth	200	1200																												1 3	3 5	4 6	7 9	12 14	18 20	27 29																				
	Seventh	200	1400																												2 3	4 5	6 7	9 10	14 15	21 22	32 33																				
Q	First	315	315	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓																											
	Second	315	630																												# 2	# 2	# 3	# 4	0 4	0 6	1 8	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	
	Third	315	945																												# 2	0 3	0 4	1 5	2 7	3 9	6 12																				
	Fourth	315	1260																												0 2	0 3	1 4	2 6	4 9	7 12	11 17																				
	Fifth	315	1575																												0 3	1 4	2 5	3 7	6 11	10 15	16 22																				
	Sixth	315	1890																												1 3	2 4	3 6	5 8	9 12	14 17	22 25																				
	Seventh	315	2205																												1 3	3 5	4 6	7 9	12 14	18 20	27 29																				
R	First	500	500	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓																											
	Second	500	1000																												# 2	# 2	# 3	# 4	0 4	0 6	1 8	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	
	Third	500	1500																												# 2	0 3	0 4	1 5	2 7	3 9	6 12																				
	Fourth	500	2000																												0 2	0 3	1 4	2 6	4 9	7 12	11 17																				
	Fifth	500	2500																												0 3	1 4	2 5	3 7	6 11	10 15	16 22																				
	Sixth	500	3000																												1 3	2 4	3 6	5 8	9 12	14 17	22 25																				
	Seventh	500	3500																												1 3	3 5	4 6	7 9	12 14	18 20	27 29																				
S	First	800	800	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓																											
	Second	800	1600																												# 2	# 2	# 3	# 4	0 4	0 6	1 8	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	
	Third	800	2400																												# 2	0 2	0 3	1 4	2 6	4 9	7 12																				11 17
	Fourth	800	3200																												0 3	1 4	2 5	3 7	6 11	10 15	16 22																				
	Fifth	800	4000																												1 3	2 4	3 6	5 8	9 12	14 17	22 25																				
	Sixth	800	4800																												1 3	3 5	4 6	7 9	12 14	18 20	27 29																				
	Seventh	800	5600																												2 3	4 5	6 7	9 10	14 15	21 22	32 33																				

Table IV - C. Multiple Sampling Plans for Reduced Inspection (Master Table).

Sample size code letter	Sample	Sample size	Cumulative sample size	Acceptable Quality Levels (reduced 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	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	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 2 2 2 2 2 2	2 4 6 8 10 12 14	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
G	First Second Third Fourth Fifth Sixth Seventh	3 3 3 3 3 3 3	3 6 9 12 15 18 21	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
H	First Second Third Fourth Fifth Sixth Seventh	5 5 5 5 5 5 5	5 10 15 20 25 30 35	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
J	First Second Third Fourth Fifth Sixth Seventh	8 8 8 8 8 8 8	8 16 24 32 40 48 56	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			
K	First Second Third Fourth Fifth Sixth Seventh	13 13 13 13 13 13 13	13 26 39 52 65 78 91	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓			

 = Use first sampling plan below arrow (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 arrow.

• = Use corresponding single sampling plan (or alternatively, use double sampling plan below, where available). Ac = Acceptance number.

++ = Use corresponding double sampling plan (or alternatively, use multiple sampling plan below, where available). # = Acceptance not permitted at this sample size.

† = If, after the final sample, the acceptance number has been exceeded but the rejection number has not been reached, accept the lot but reinstate normal inspection.

Table V-A. Average Outgoing Quality Limit Factors for Normal Inspection (Single Sampling) *

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														18														
B	3														12														
C	5													7.4															
D	8												4.6																
E	13											2.8																	
F	20										1.8																		
G	32																												
H	50																												
J	80																												
K	125																												
L	200																												
M	315																												
N	500																												
P	800																												
Q	1250																												
R	2000																												

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

Table V-B. Average Outgoing Quality Limit Factors for Tightened Inspection (Single Sampling) *

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																										
R	2000	0.018																									
S	3150																										

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

Table VIII. Limit Numbers for Reduced Inspection.

Number of sample units from last 10 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	0	0	2	4	8	14	22	40	68	115	181
30 - 49	0	0	1	3	7	13	22	36	63	105	178	277
50 - 79	0	0	2	3	7	14	25	40	63	110	181	301	
80 - 129	0	0	2	4	7	14	24	42	68	105	181	297		
130 - 199	0	0	2	4	7	13	25	42	72	115	177	301	490		
200 - 319	0	0	2	4	8	14	22	40	68	115	181	277	471			
320 - 499	0	0	1	4	8	14	24	39	68	113	189						
500 - 799	0	0	2	3	7	14	25	40	63	110	181							
800 - 1249	0	0	2	4	7	14	24	42	68	105	181								
1250 - 1999	0	0	2	4	7	13	24	40	69	110	169									
2000 - 3149	0	0	2	4	8	14	22	40	68	115	181										
3150 - 4999	0	0	1	4	8	14	24	38	67	111	186											
5000 - 7999	.	.	.	0	0	2	3	7	14	25	40	63	110	181												
8000 - 12499	.	.	0	0	2	4	7	14	24	42	68	105	181													
12500 - 19999	.	0	0	2	4	7	13	24	40	69	110	169														
20000 - 31499	0	0	2	4	8	14	22	40	68	115	181															
31500 - 49999	0	1	4	8	14	24	38	67	111	186																
50000 & over	2	3	7	14	25	40	63	110	181	301																

· Denotes that the number of sample units from the last ten lots or batches is not sufficient for reduced inspection for this AQL. In this instance more than ten lots or batches may be used for the calculation, provided that the lots 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.