

AQL CHART

Testcoo, Global Quality Control Service Provide

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Table 1 – Sample size code letters

(Select the lot or batch size and your ideal inspection level to get sample size code letter)

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

Single sampling plan for normal inspection, ANSI/ASQ standard z1.4-2008

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Table 2 Single sampling plans for Normal Inspection

(Check the sample size by the code letter and select your preferred AQL)

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Acceptance quality limit,AQL,in percent nonconforming items and nonconformities per 100 items (nonmal inspection)																																						
Sample Size Code Letter	Sample Size	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				
		Ac	Re	Ac	Re	Ac	Re	Ac	Re	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							
B	3																												0	1					1	2		
C	5																																1	2	2	3		
D	8																							0	1							1	2	2	3	3	4	
E	13																														1	2	2	3	3	4	5	6
F	20																																					
G	32																																					
H	50																																					
J	80																																					
K	125																																					
L	200																																					
M	315																																					
N	500																																					
P	800																																					
Q	1250																																					
R	2000																																					

↓ = Use first sampling plan below the arrow. If sample size equals, or exceeds, lot or batch size, do 100% inspection.

↑ = Use first sampling plan above the arrow.

Ac = Acceptance number Re = Rejection number

Getting started with AQL for product inspection: [Acceptable Quality Limit \(AQL\)](#)