

Tab I. Sample Size Code Letters

Lot or Batch Size	Special Inspection levels				General Inspection level		
	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
150000 to 500000	D	E	G	J	M	P	Q
500001 to Over	D	E	H	H	N	Q	R



DAVINCI VALVES™



INSPECTION STANDARD: ANSI/ASQC Z1.4 / MIL-STD-105E / BS 6001 / DIN 40080 / ISO 2859 / NFX 06-022



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Table II. Single Sampling Plans For Normal Inspection

Sample Size Code Letter	Sample Size	Acceptable Quality Levels For Normal Inspection																											
		0.010 Ac Re	0.015 Ac Re	0.025 Ac Re	0.040 Ac Re	0.065 Ac Re	0.10 Ac Re	0.15 Ac Re	0.25 Ac Re	0.4 Ac Re	0.65 Ac Re	1.0 Ac Re	1.5 Ac Re	2.5 Ac Re	4.0 Ac Re	6.5 Ac Re	10 Ac Re	15 Ac Re	25 Ac Re	40 Ac Re	65 Ac Re	100 Ac Re	150 Ac Re	250 Ac Re	400 Ac Re	650 Ac Re	1000 Ac Re		
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																												

↓ _Use first sampling plan below arrow. If sample size equals, or exceeds lot or batch size, do 100% inspection
 ↑ _Use first sampling plan above arrow.
 Ac=Acceptance number
 Re=Reject number

EXAMPLE: Q. Normal inspection is in use; AQL is 2.5, the batch size is 9000 and the inspection level is Level II. What is the sampling plan?

A. Set the batch size(3201 to 10000) in the upper window then look opposite the Inspection Level(Level II) to find the Code Letter L. Next set the AQL window(2.5), looking under Code Letter L in normal Insp find a sample size of 200. An acceptance level of 10 defects and a rejection level of 11 defects.