



PROFESSIONAL INSPECTION AND AUDIT SERVICES

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ANSI Z1.4 - 1993

SAMPLE SIZES: BASED UPON ANSI Z1.4-1993, TABLE I, SINGLE NORMAL PROCEDURE

SHIPPING LOT SIZE			SPECIAL LEVELS				GENERAL LEVELS		
			S-1	S-2	S-3	S-4	I	II	III
2	to	8	2	2	2	2	2	2	3
9	to	15	2	2	2	2	2	3	5
16	to	25	2	2	3	3	3	5	8
26	to	50	2	3	3	5	5	8	13
51	to	90	3	3	5	5	5	13	20
91	to	150	3	3	5	8	8	20	32
151	to	280	3	5	8	13	13	32	50
281	to	500	3	5	8	13	20	50	80
501	to	1200	5	5	13	20	32	80	125
1201	to	3200	5	8	13	32	50	125	200
3201	to	10000	5	8	20	32	80	200	315
10001	to	35000	5	8	20	50	125	315	500
35001	to	150000	8	13	32	80	200	500	800
150001	to	500000	8	13	32	80	315	800	1250
500001	and	above	8	13	50	125	500	1250	2000

AQL: BASED UPON ANSI Z1.4-1993, TABLE II-A, SINGLE NORMAL PROCEDURE

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
	AC RE	AC RE	AC RE	AC RE	AC RE	AC RE	AC RE	AC RE	AC RE	AC RE	AC RE	AC RE	AC RE	AC RE
2	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
3	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	0 1
5	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	0 1	▲
8	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	0 1	▲	▼
13	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	0 1	▲	▼	1 2
20	▼	▼	▼	▼	▼	▼	▼	▼	▼	0 1	▲	▼	1 2	2 3
32	▼	▼	▼	▼	▼	▼	▼	▼	0 1	▲	▼	1 2	2 3	3 4
50	▼	▼	▼	▼	▼	▼	▼	0 1	▲	▼	1 2	2 3	3 4	5 6
80	▼	▼	▼	▼	▼	▼	0 1	▲	▼	1 2	2 3	3 4	5 6	7 8
125	▼	▼	▼	▼	▼	0 1	▲	▼	1 2	2 3	3 4	5 6	7 8	10 11
200	▼	▼	▼	▼	0 1	▲	▼	1 2	2 3	3 4	5 6	7 8	10 11	14 15
315	▼	▼	▼	0 1	▲	▼	1 2	2 3	3 4	5 6	7 8	10 11	14 15	21 22
500	▼	▼	0 1	▲	▼	1 2	2 3	3 4	5 6	7 8	10 11	14 15	21 22	▲
800	▼	0 1	▲	▼	1 2	2 3	3 4	5 6	7 8	10 11	14 15	21 22	▲	▲
1250	0 1	▲	▼	1 2	2 3	3 4	5 6	7 8	10 11	14 15	21 22	▲	▲	▲
2000	▲	▲	1 2	2 3	3 4	5 6	7 8	10 11	14 15	21 22	▲	▲	▲	▲



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ANSI Z1.4-1993, TABLE I, SAMPLE SIZE CODE LETTERS

SHIPPING LOT SIZE			SPECIAL LEVELS				GENERAL 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	above	D	E	H	K	N	Q	R

ANSI Z1.4-1993, TABLE III-A, AQL s FOR DOUBLE NORMAL PROCEDURE

	Sample	Sample Size	Total Samples	1.00		1.50		2.50		4.0		6.5	
				AC	RE	AC	RE	AC	RE	AC	RE	AC	RE
B	First	2	2	▼		▼		▼		▼		▼	
	Second	2	4	▼		▼		▼		▼		▼	
C	First	3	3	▼		▼		▼		▼		▼	
	Second	3	6	▼		▼		▼		▼		▼	
D	First	5	5	▼		▼		▼		▼		0	2
	Second	5	10	▼		▼		▼		▼		1	2
E	First	8	8	▼		▼		▼		0	2	0	3
	Second	8	16	▼		▼		▼		1	2	3	4
F	First	13	13	▼		▼		0	2	0	3	1	4
	Second	13	26	▼		▼		1	2	3	4	4	5
G	First	20	20	▼		0	2	0	3	1	4	2	5
	Second	20	40	▼		1	2	3	4	4	5	6	7
H	First	32	32	0	2	0	3	1	4	2	5	3	7
	Second	32	64	1	2	3	4	4	5	6	7	8	9
J	First	50	50	0	3	1	4	2	5	3	7	5	9
	Second	50	100	3	4	4	5	6	7	8	9	12	13
K	First	80	80	1	4	2	5	3	7	5	9	7	11
	Second	80	160	4	5	6	7	8	9	12	13	18	19
L	First	125	125	2	5	3	7	5	9	7	11	11	16
	Second	125	250	6	7	8	9	12	13	18	19	26	27
M	First	200	200	3	7	5	9	7	11	11	16	▲	
	Second	200	400	8	9	12	13	18	19	26	27	▲	
N	First	315	315	5	9	7	11	11	16	▲		▲	
	Second	315	630	12	13	18	19	26	27	▲		▲	
P	First	500	500	7	11	11	16	▲		▲		▲	
	Second	500	1000	18	19	26	27	▲		▲		▲	
Q	First	800	800	11	16	▲		▲		▲		▲	
	Second	800	1600	26	27	▲		▲		▲		▲	
R	First	1250	1250	▲		▲		▲		▲		▲	
	Second	1250	2500	▲		▲		▲		▲		▲	
S	First	2000	2000	▲		▲		▲		▲		▲	
	Second	2000	4000	▲		▲		▲		▲		▲	