

TOLERANCE WORKSHEET - RETAIL COMPUTING SCALES

Scale Info: _____ lb/oz X _____ lb/oz

Scale Capacity:	_____ lb/oz	0-500d = _____ lb/oz	Maint	Accp	Electronic _____	Mechanical _____
Scale Division Value:	_____ lb/oz	501-2000d = _____ lb/oz	1 d	.5 d	Marked _____	Unmarked _____
No. of Scale Divisions:	_____	2001-4000d = _____ lb/oz	2 d	1 d	Maintenance _____	Acceptance _____
Shift Test=	_____ lb/oz	4001d & up= _____ lb/oz	3 d	1.5 d		
			5 d	2.5 d		

TEST LOAD DESCRIPTION	Test Load in lb / oz	Maintenance		Acceptance			
		Tol in "d"	Tol in lb / oz	Tol in "d"	Tol in lb / oz		
Increasing-Load Test							
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> Mechanical Scales: - 1 oz or 0.05 lb - 3 oz or 0.15 lb - 7 oz or 0.45 lb - 15 oz or 0.95 lb - 1 lb - Test at 1-lb intervals to 1/3 cap. Include tests at 500d, 2000d (if less than 1/3 capacity) </td> <td style="width: 50%; vertical-align: top;"> Electronic Scales: - 20d - 0.5 lb - 1 lb - Test at 1-lb intervals to 5 lb** - Test at 5-lb intervals to 1/3 cap. Include tests at 500d, 2000d (if less than 1/3 capacity) </td> </tr> </table>	Mechanical Scales: - 1 oz or 0.05 lb - 3 oz or 0.15 lb - 7 oz or 0.45 lb - 15 oz or 0.95 lb - 1 lb - Test at 1-lb intervals to 1/3 cap. Include tests at 500d, 2000d (if less than 1/3 capacity)	Electronic Scales: - 20d - 0.5 lb - 1 lb - Test at 1-lb intervals to 5 lb** - Test at 5-lb intervals to 1/3 cap. Include tests at 500d, 2000d (if less than 1/3 capacity)					
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Shift Test: 1/3 Scale capacity							
Range of results must be within: (Applies to MARKED SCALES only)							
Continue Increasing-Load Test							
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Decreasing-Load Test							
- MARKED SCALES with 1000 or more scale divisions - at 4000d, 2000d , 500d - UNMARKED SCALES and also MARKED SCALES with less than 1000 scale divisions - at 1/2 maximum test load							
Zero-Load Balance Change							

** For electronic scales with less than 1000d, continue Increasing-Load Test at 1-lb intervals to capacity, including 1/4, 1/2, and 3/4 capacity.