

Michigan Dept. of Agriculture & Rural Development
Weights and Measures Program

MINIMUM TEST REQUIREMENTS for COMMERCIAL SCALES
(placing into service)

RETAIL COMPUTING SCALE

Marked Electronic - 30 x 0.01lb

Increasing Load Test

Decreasing Load Test

	As Found	As Left		As Found	As Left
0.2 lb				30 lb	
0.5 lb				20 lb	
1 lb				5 lb	
2 lb					
3 lb					
4 lb					
5 lb					
10 lb				Shift Test	
15 lb				30-35% of Capacity	
20 lb				30-35% of Capacity	
25 lb				30-35% of Capacity	
30lb				30-35% of Capacity	

MEDIUM CAPACITY SCALE

Marked Electronic – More Than 1000lb

Increasing Load Test

Decreasing Load Test

	As Found	As Left			As Found	As Left
500d				4000d		
2000d				2000d		
				500d		
Shift Test						
¼ Corners 30-35% of Capacity at the Quadrant				¼ Corners 30-35% of Capacity at the Quadrant		
¼ Corners 30-35% of Capacity at the Quadrant				¼ Corners 30-35% of Capacity at the Quadrant		
4000d (to table 4 values)						

VEHICLE SCALE

Marked - Electronic Indicator

Increasing Load Test

Decreasing Load Test

	As Found	As Left			As Found	As Left
5000 lb				13000 lb		
9000 lb				(15000 lb)		
13000 lb				(17000 lb)		
17000 lb						
21000 lb				Strain Test		
25000 lb				Full		
(29000 lb)				Empty		Error
(33000 lb)				Test Wt Applied		

Section Test – 12.5% of Scale Capacity

	As Found	As Left			As Found	As Left
Section 1				Section 6		
Section 2				Section 7		
Section 3				Section 8		
Section 4				Section 9		
Section 5				Section 10		