

U.S. DEPARTMENT OF AGRICULTURE  
 AGRICULTURAL MARKETING SERVICE  
 FAIR TRADE PRACTICES PROGRAM  
 PACKERS AND STOCKYARDS DIVISION

**Monorail Scale Test Report**

1. Page

2a. Test Agency				3a. Scale Owner						
b. Address				b. Physical Address of Scale						
c. City		d. State	e. Phone	f. E-mail		c. City		d. State		
4. Indicator Manufacturer		5. Serial Number		6. Model Number		7. Accuracy Class <input type="checkbox"/> Not Marked <input type="checkbox"/> Marked III		8. Weighing Speed ( <i>head per hour</i> ) /hr.		
9. Scale Location <input type="checkbox"/> Kill Floor <input type="checkbox"/> Shipping <input type="checkbox"/> Cooler		10. Scale Capacity lbs.		11. Scale Division lbs.		12. Minimum Tare Division lbs.		13. Tare Setting (As Found) lbs.		14. COC For Weighing Element
15. Category Carcasses Weighed <input type="checkbox"/> Beef <input type="checkbox"/> Pork <input type="checkbox"/> Lamb <input type="checkbox"/> Other				16. How is Tare Deducted <input type="checkbox"/> Zero Knob or Screw <input type="checkbox"/> Tare Module <input type="checkbox"/> Push Button Zero <input type="checkbox"/> Tare Bar & Poise <input type="checkbox"/> Balance Ball <input type="checkbox"/> Accounting <input type="checkbox"/> By Computer						
17. Test Date ( <i>mm/dd/yyyy</i> )		18. Previous Test Date ( <i>mm/dd/yyyy</i> )		19. Test Weights: <input type="checkbox"/> Service Company <input type="checkbox"/> Company <input type="checkbox"/> Weights and Measures		20. Test Weights Certified ( <i>mm/yyyy</i> )		21. Accessories Used <input type="checkbox"/> Printer <input type="checkbox"/> Grading Equipment & Systems Type Used		

**Test Data**

22. Type of Test <input type="checkbox"/> Static <input type="checkbox"/> Dynamic				23. Discrimination Test ( <i>As Found</i> ) Zero Load =                      lb. Maximum Load =                      lb.				24. AZT (auto zero) Range =                      lbs.					
25. Static Test Reference Scale SN				27. Dynamic Test									
Position (25a)	Weight (25b)	Indicating Element (25c)	Error (lbs.) (25d)	Carcass (27a)	Hot Wt. (27b)	Static Wt. (27c)	Difference (27d)	Carcass (27a)	Hot Wt. (27b)	Static Wt. (27c)	Difference (27d)		
				1				10					
				2				11					
				3				12					
				4				13					
				5				14					
				6				15					
				7				16					
				8				17					
				9				18					
26. Decreasing Load Test				10% of the individual test loads may be in error, each not to exceed two times the tolerance. The error on the total of the individual test loads shall not exceed +/- 0.20%.				28. Totals					
Balance								29. % Change					

30. Test Results	Marking approved indicates that the errors indicated on this test report are within the accuracy requirements specified in National Institute of Standards and Technology (NIST) Handbook 44 as required in the regulations (9 CFR 201.71)	<input type="checkbox"/> Approved <input type="checkbox"/> Condemned <input type="checkbox"/> Rejected <input type="checkbox"/> Other
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31. Remarks (If serial number has changed, please note here)

32. Receipt of Report Acknowledged (Signature):	33. Scale Inspector (Signature):
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Response is required in order to assure that tests and inspections have been made on scales to show their accuracy so that carcasses may be weighed (9 CFR 201.72). Information held confidential (9 CFR 201.96).

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## Instructions to Complete Monorail Scale Test Report Form PSD 4300

The scale inspector or person testing the scale must complete Form PSD 4300 to document the scale tests required by the Packers and Stockyards Division.

Submit the completed form to the appropriate regional office of the Packers and Stockyards Division that covers your state, as listed below.

If you have any questions regarding this form, please contact the appropriate regional office. If additional forms are needed, please visit our website at <https://www.ams.usda.gov/>

<b>Regional Offices of the Packers and Stockyards Division Agricultural Marketing Service, Fair Trade Practices Program</b>		
<b>Atlanta Regional Office</b> 75 Ted Turner Dr., SW, Suite 230 Atlanta, GA 30303-3308 Telephone: (404) 562-5840 FAX: (404) 562-5848 e-mail: <a href="mailto:PSDAtlantaGA@usda.gov">PSDAtlantaGA@usda.gov</a>	<b>Denver Regional Office</b> 3950 Lewiston St., Suite 200 Aurora, CO 80011-1556 Telephone: (303) 375-4240 FAX: (303) 371-4609 e-mail: <a href="mailto:PSDDenverCO@usda.gov">PSDDenverCO@usda.gov</a>	<b>Des Moines Regional Office</b> 210 Walnut Street, Room 317 Des Moines, IA 50309-2110 Telephone: (515) 323-2579 FAX: (515) 323-2590 e-mail: <a href="mailto:PSDDesMoinesIA@usda.gov">PSDDesMoinesIA@usda.gov</a>
States Covered	States Covered	States Covered
AL, AR, CT, DC, DE, FL, GA, LA, MA, MD, ME, MS, NC, NH, NJ, NY, PA, PR, RI, SC, TN, VA, VT, WV	AK, AZ, CA, CO, HI, ID, KS, MT, NM, NV, OK, OR, TX, UT, WA, WY	IA, IL, IN, KY, MI, MO, MN, ND, NE, OH, SD, WI

Line	Subject	Instruction
1	Page Number	The page number is normally 1 of 1. If additional space is needed, number pages identifying the current page number and the total number of pages. For example, page 2 of 3.
2 a through f	Test Agency	Enter the name, address, city, state, phone number, and e-mail address of the scale test agency.
3 a through d	Scale Owner and Address	Enter the name of the scale owner and the address, city, and state where the scale is located.
4	Indicator Manufacturer	Enter the name of the manufacturer of the beam, dial, or digital indicator.
5	Serial Number	Enter the serial number of the indicator being tested.
6	Model Number	Enter the model number of the indicator from the manufacturer's ID plate.
7	Accuracy Class	Check the appropriate box to indicate whether the class of scale is Marked III or Not Marked.

<b>Line</b>	<b>Subject</b>	<b>Instruction</b>
8	Weighing Speed	Indicate weighing speed by entering the number of head of livestock per hour.
9	Scale Location	Check the appropriate box to indicate the location of the scale.
10	Scale Capacity	Enter the maximum weighing capacity of the scale in pounds.
11	Scale Division	Enter the scale division or graduation in pounds.
12	Minimum Tare Division	Enter the minimum tare division in pounds.
13	Tare Setting	Enter the tare setting in pounds (as found).
14	Certificate of Conformance	Enter the NIST certificate of conformance number
15	Category Livestock Weighed	Check the type of livestock weighed.
16	Tare Deduction	Check the appropriate box to indicate how tare is deducted.
17	Test Date	Enter the date you are testing the scale (mm/dd/yyyy).
18	Previous Test Date	Enter the date the scale was previously tested (mm/dd/yyyy)
19	Test Weights	Check the appropriate box to indicate the owner of the test weights used.
20	Certification Date	Enter the date the test weights were last certified.
21	Accessories Used	Check the appropriate box to indicate accessories used with the scale. If electronic grading equipment is used, enter the type.
<b>Test Data</b>		
22	Type of Test	Check the appropriate box to indicate whether the test is static or dynamic.
23	Discrimination Test	<p>For static scale test, a discrimination test shall be conducted on all automatic indicating scales with the weighing device in equilibrium at or near zero load and at or near maximum test load.</p> <p>On a digital device, this test is conducted from just below the lower edge of the zone of uncertainty for increasing load tests, or from just above the upper edge of the zone of uncertainty for decreasing-load tests.</p>
24	AZT (auto zero)	Enter the range, in pounds, (plus – minus) at which the scale will automatically reset to zero for minor balance changes. On a dynamic monorail weighing system, means shall be provided to automatically maintain these conditions.

<b>Line</b>	<b>Subject</b>	<b>Instruction</b>
25	Static Test	It is important that you fill out the test report in the sequence and in the manner you conducted the test. If you begin a test and determine that the scale is defective, and then correct the defective condition, record this in sequence on the test report. (a) Enter the location or position on the rail of the test weights, (b) Enter the amount of test weight on the scale, (c) Enter the weight displayed on the scale indicator, and (d) Subtract the amount in column b from the amount in column c; enter as the error.
26	Decreasing Load Test and Balance	For dial and digital scales only, enter the test data for the decreasing load test and the resulting balance. On the balance line, enter resulting balance after the test is completed.
27	Dynamic Test	Weigh 20 carcasses or parts of carcasses on dynamic scale and on static scale, calculate the difference for each carcass. The weight difference on no more than 2 carcasses can exceed 2 times the tolerance.
28	Totals	Total hot weight, static weight and difference.
29	% Change	To determine the percent change, take the total difference divided by the total hot weight times 100. $\% \text{ Change} = (32d / 32c) \times 100$ . The percent change cannot exceed +/- 0.20%
30	Test Results	The scale inspector or person(s) testing the scale enters the test results.
31	Remarks	Use the "Remarks" section to enter needed explanations, comments, adjustment you made, recommendations needed to correct a defective condition, etc. If the indicator has changed, please make note of the previous serial number here.
32	Receipt Signature	The owner or responsible person must sign the form acknowledging receipt of a copy of the test report form.
33	Inspector Signature	The scale inspector or person(s) testing the scale must sign the test report form.