

New Vehicle Scale Installation

Effective Date: January 29, 2015

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 [ATCP 92](#)

Question/Issue

What is the procedure for inspecting (correctness, not accuracy) a new vehicle scale installation and recording the information in WinWam, without testing the scale for accuracy with the vehicle scale test unit?

Procedure

This procedure will assist the inspector while inspecting a new vehicle scale installation.

***Note: All vehicle scale installations must comply with ATCP 92.30(3) – Construction Standards.** If you are unsure of your procedures, always ask an experienced inspector before conducting testing.

1. When you receive notice from DATCP that a new vehicle scale installation has been completed in your area, determine a nearby date to perform the inspection (within 2 weeks of receiving notice of the completed installation). Review the Vehicle Scale Installation Permit to determine if the scale is portable or non-portable (portable scales are exempt from some requirements and portable scales are licensed only, not permitted), and if there are any approved variances. Also review the attached service company report for accuracy.
2. Arrive at the location and locate the new vehicle scale. If the site is attended, contact the site manager and explain that you are checking the installation of the new scale to ensure that it meets requirements. If the site is unattended, begin the inspection.
3. Using the Vehicle Scale Installation Permit as a reference guide (and ATCP 92 if it is a portable scale), begin inspecting the scale (since the scale is already installed, you will not be able to check all requirements on the list). Make notes of any deficiencies found.
4. Note whether the scale is mechanical, electronic or electro-mechanical.
5. Determine the number of sections for the scale. If able, determine if the scale is long enough to single-draft weigh all loads going across the scale. If questionable, discuss this requirement with the scale owner.
6. Determine if a remote indicator is needed. If so, check to make sure it is positioned properly and it is operational.
7. Make sure there is a concrete surface under the scale that is the length of the scale and constructed to allow the scale to be well drained.

8. Check that the top edge of each scale wall is framed with a minimum 2” structural steel angle iron coping.
9. Check the clearances around the scale, noting the different requirements for pit scales and above ground scales.
10. For a pit scale, check for an opening that allows access to the pit area of the scale (type of opening is noted on the Permit).
11. Check that the approach surfaces are level for the first 10 feet from the scale, and then slope at not more than 1:12 vertical rise: horizontal run (portable scales are exempt from the level requirements, but the approaches must be maintained). Also check that the total length of the approaches (entry/exit) are at least as wide as the scale platform and at least ½ the length of the scale platform.
12. If there are any approved variances on the Permit, determine if the installation is compliant with the approved variances.
13. At the conclusion of the inspection, record all information in WinWam (see example report).
14. In WinWam, create a new device for the new scale. Fill in all pertinent information under the “device” tab (use the information from the Permit and the service company report). Under the “custom” tab, fill in all fields (use the information from the Permit and the service company report). Under the “attributes” tab, only mark the attributes that were checked (see example report). Under the “test” tab, do not enter any information (if the template is present, delete it). Make notes in the “notes” section under the “device” tab, NOT in the “inspection notes”. Save the inspection and print a “detail report – all attributes”.
15. If the site is attended, leave a copy of the inspection report with the site manager and discuss any deficiencies found. If the site is unattended, you do not need to leave a report. However, if you have a contact person or business, you may choose to drop off or e-mail the report to the business.



Wisconsin Department of Agriculture,
Trade & Consumer Protection
Weights & Measures
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Notice: A law violation found during an inspection may result in a billable re-inspection. Re-inspection fees are determined by Wisconsin Administrative Code ATCP § 92.60.

Device Detail

Insp Date: 3/18/2014 **Business ID:** 29031814
Business: FRANK SILHA & SONS EXCAVATING, INC
3409 TRACEY RD
JANESVILLE, WI 53546

Inspection: JW002750
Store ID:
Phone:
Inspector: 129 Jared Williams
Reason: Normal

Make: Rice Lake
Model: OTR
Serial: 3DSN

Capacity: 200,000
CLC / Section Cap: 90,000
Platform Type: Concrete
Serial No: 3DSN
Indicator: GSE 550
Portable: No
First Licensed:
Service Co: CREAM CITY SCALE

Type: Heavy Capacity Scale
Subtype: 3 Section
Insp Type: Acceptance
Loc: QUARRY
Units: lb
Class: IIII
NTEP: Yes
COC Number: 02-003A2
Indicator Number: 016519
Permit Date: 04/25/2013
License Number: 288149
Servicing Date: 06/14/2013

Results: Correct
Info:
Price:

d: 20
Sections: 3
Description:
Platform Size: 46X12
Indicator COC: 91-066
Permit Comp Date: 07/08/2013
Amanda License: 0
Technician: SCOTT KEVERN

Type	Name	Inc/Base	Actual	Display	Err	Tol	Res	Notes
Attrib	Approaches						Pass	
Attrib	AZSM Test						N/C	
Attrib	Clearance						Pass	
Attrib	Customer Readability						Pass	
Attrib	Discrimination Test						N/C	
Attrib	Found at Zero						N/C	
Attrib	HB44 G-UR. 4.1						Pass	
Attrib	Indicator						Pass	
Attrib	Legal for Trade						Pass	
Attrib	Marking Requirement						Pass	
Attrib	Off-Center Shift Test						N/C	
Attrib	Pit Condition						N/C	
Attrib	Position of Equipment						Pass	


Inspector

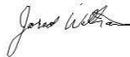

Acknowledged Receipt

Device Detail

Attrib	Security Seals						N/C	
Attrib	Sensitivity						N/C	
Attrib	Suitability						Pass	

Notes:

INSPECT NEW VEHICLE SCALE INSTALLATION TO DETERMINE IF IT MEETS ALL INSTALLATION REQUIREMENTS. ALL INSTALLATION REQUIREMENTS SATISFACTORILY COMPLETED.


Inspector


Acknowledged Receipt