

## **Bauske, Shelly A.**

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**From:** Grangaard, Wayne  
**Sent:** Tuesday, November 29, 2016 12:51 PM  
**To:** Bauske, Shelly A.; Gallion, Joshua C.; Crockford, Konrad S.  
**Cc:** Wahlfeldt, Brandon H.  
**Subject:** RE: Red River Oilfield Services - Williston - Additional Request

On 11/21/16 myself and Brandon inspected and tagged the portable 3V4 truck scale installed at the Williston location for Red River Oilfield Services (8895), per instructions.

We spoke to Curtis Shuck about its use. He confirmed it was to be used commercially, although not to the general public but to contract companies. We informed him that a portable scale like the one they had was not allowed to be used commercially under North Dakota law without having a variance to do so prior to its use. That we had been sent to take it out of service by removal of the Specialty Products approval sticker and placing a PSC red 'not legal for trade' sticker in its place (which was done), and that its commercial use afterwards would be illegal.

We explained the variance request process, referring to the law describing it, and since that time he has gone through with it and received one.

A physical inspection from above was performed on both the newer Weigh-Tronix portable (in) scale and a four section Fairbanks (out) scale. Pictures were taken (in Device Documents).

For the portable; It did not have any concrete in the approach that consisted of a packed clay mix with ruts (an inch or two deep) right up to the deck. The deck rested on what appeared to be concrete pads and not peers. One side was protected with a wall of concrete blocks that could cause a problem of binding and freezing up in winter weather.

The permanent Fairbanks pitless: Seemed to be installed properly (given the peers are correct) with the exception that it did not seem to have a concrete slab under it. If it was covered with dirt it would surprise me, but possible.

I understand they plan to move and install permanently, both of these scales. If that is the case they should understand the concrete wash-out slab requirement which may be missed thinking the Fairbanks meets all requirements.

**From:** Bauske, Shelly A.  
**Sent:** Monday, November 21, 2016 10:36 AM  
**To:** Grangaard, Wayne; Wahlfeldt, Brandon H.  
**Cc:** Gallion, Joshua C.; Crockford, Konrad S.  
**Subject:** RE: Red River Oilfield Services - Williston - Additional Request

Here is one other thing to do when you're at Red River Oilfield Services.

They have an existing "out" scale that this scale is going to be using in conjunction with. Please take a look at that scale to make sure it meets the install requirements. The "out" scale was installed by Fairbanks in 2013 and tested by Montana Dakota Scale Service twice in 2015.

Thank you.

**From:** Bauske, Shelly A.  
**Sent:** Friday, November 18, 2016 5:22 PM

1 **WM-16-751** Filed: 11/29/2016 Pages: 5  
**Inspection summary and installation test reports**

**To:** Grangaard, Wayne; Wahlfeldt, Brandon H.  
**Cc:** 'Gallion, Joshua C.'; Crockford, Konrad S.  
**Subject:** Red River Oilfield Services - Williston

Hi Wayne and Brandon

Here is your Monday project.

Attached are two test reports from Specialty Products for a portable truck scale located at Red River Oilfield Services in Williston. According to the reports, this scale was tested and approved without a variance. Please make a site visit and do the following:

- 1) Talk to the operator to determine if the scale is used commercially
- 2) If the scale is used commercially, inform the operator of the rules regarding the commercial use of a portable pitless truck scale
  - a. Here is the link to the portable pitless scale handout:  
<http://www.psc.nd.gov/jurisdiction/weights/docs/Portable-Pitless-and-Hopper-Scales.pdf>
  - b. The rule pertaining to variance permit requests is found at N.D. Admin. Code § 69-10-01-04.1:  
<http://www.legis.nd.gov/information/acdata/pdf/69-10-01.pdf>
- 3) Perform a site inspection and take pictures
- 4) Tag the scale noncommercial
- 5) Gather any other information that you feel is important
- 6) Email me a written summary, including pictures

If you have any questions, please let me know. Thank you for taking care of this on such short notice.

Have a nice weekend!

Shelly Bauske  
Public Service Commission  
600 E Boulevard Ave Dept 408  
Bismarck ND 58505-0480  
701-328-4070  
701-328-2410 (fax)  
[sbauske@nd.gov](mailto:sbauske@nd.gov)

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**From:** Bauske, Shelly A.  
**Sent:** Friday, November 18, 2016 12:06 PM  
**To:** 'Gallion, Joshua C.'; Crockford, Konrad S.  
**Cc:** Grangaard, Wayne  
**Subject:** Temporary Variance Permit Needed

Hi Josh

What are your thoughts on this? It looks like they should have a temporary variance permit to use a portable truck scale, unless they aren't using it commercially. Wayne previously talked to Phil about the scale after the initial report and at that time it sounded like it was going to be installed permanently. It sounds like that is still the plan, but not for a few months.

The existing "Out" scale referenced on the report was last tested and approved 12/30/2015.

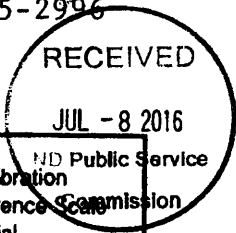
Thank you.

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SP Specialty Products  
 1420 N. 4th St.  
 Fargo, N.D. 58102

Phone: 701-235-2906



Date 6-29-16	PSC Device Code 3V4	No. of Sections 4	Complete each item with Y (Yes), N (No), or NA (Not Applicable)	
Name of Business Red River Oilfield Services			<input checked="" type="checkbox"/> New Installation (w/ RFI Check)	<input checked="" type="checkbox"/> Performed Calibration
Mailing Address 1202 E. Broadway			<input checked="" type="checkbox"/> Modified Equipment	<input checked="" type="checkbox"/> Use as a Reference Scale
City Williston			<input checked="" type="checkbox"/> Replaced Existing Equipment	<input type="checkbox"/> Non-Commercial
State N.D.	Zip Code 58802-1146	NA Variance Permit Posted; Expiration Date: _____		
County Williams	Telephone Number 701-774-3904	NA Stored/Recalled Weights Meet NDAC §§ 69-10-02-23 & 69-10-02-24		
Device Contact/Manager	Cell Number	NA Software is NTEP Approved		
Email Address		NA Built-In Standards; Date Certified: _____		
Device Location 13314 50th St. N.W. Williston, N.D. 58801		NA Multiple Decks/Single Indicator <input checked="" type="checkbox"/> Customer Has Clear View		
		NA Clearance Below Scale Clear <input checked="" type="checkbox"/> Video Camera Working		
		N Approach Requirements Met <input checked="" type="checkbox"/> View Distance > 200'		
		Y Pit Coping and Crush Strip Good <input checked="" type="checkbox"/> Two-Way Audio Working		
		N In Response to PSC Quality Assurance Inspection		

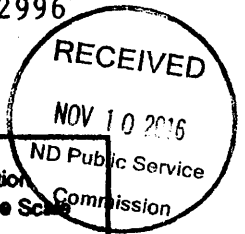
Scale Information			
Scale Manufacturer Weigh-ironix	Indicator Manufacturer/Model W/T E1310	Indicator Serial No. 140615144	Weighing Elements Full electronic
Capacity/Divisions/Units 120,000x20 lbs	Legible Label Y Y N	Class I III L	Printer Manufacturer/Model Epson 1M295
Printer Serial No. J9KFL15982	Deck Size 75'x11'	Clearance (inches) Pitless	Approach - 12' Concrete Level No
Hard Surface Approach (Length/Slope/Condition) 25' compacted clay	SR or Discrimination Test Zero Load = 1.4d=2d lb. Loaded = 1.4d=2d lb.	Motion Detection Range = 60 lb.	AZSM (Auto Zero) Range = 60 lb.

LBP / Section / Product Wt.	Value of Test Weights Used	Errors +/-		LBP / Section / Product Wt.	Value of Test Weights Used	Errors +/-	
		As Found	As Left			As Found	As Left
<b>Corners</b>	10000			<b>Sections</b>	20000		
1		-20	0	1			0
2		-20	0	2		0	
3		-20	0	3		0	
4		-20	0	4		0	
5		-20/0	0			B/C=0	B/C=0
6		-20/0	0				
7		0	0				
8		+20	0				
		B/C=0	B/C=0				

Section (Increasing or Decreasing)			Remarks (include environmental conditions, if applicable). Attach additional sheets as necessary.			
Full Truck Weight		50740	Relocated existing pitless portable truck scale on steel foundation designed for portability. Aligned all corners and tested as shown. Spanned corners as needed to remove error. Ramps are compacted clay. In the future, scale will be installed permanently on concrete foundation with concrete ramps. Trucks are fully on scale when filled with concrete from augers under rail tracks.			
Test Weight		20000				
Empty Truck Weight		30740				
Errors		-0-				
<input checked="" type="checkbox"/> Physical Seal	<input checked="" type="checkbox"/> Seal Date: Lead	<input checked="" type="checkbox"/> Seal Type: XXX	<input checked="" type="checkbox"/> Electronic Audit Trail: XXX	<input checked="" type="checkbox"/> Audit Trail Information: N N		
Meets tolerances in PSC adopted NIST Handbook 44? <input type="checkbox"/> Maintenance <input checked="" type="checkbox"/> Acceptance						
<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Rejected <input type="checkbox"/> Taken out of Service <input checked="" type="checkbox"/> Sticker Applied						
By signing this test report, I declare that I have examined this report and to the best of my knowledge and belief, the report is complete and the facts stated are sufficient, true and correct. I also declare that, except for conditions noted in "Remarks," the device meets the minimum requirements of the State laws and rules, including NIST Handbook 44, for use of the device in commerce.						
Permit Holder Signature 		1311		Permit No.		
Operator Signature		12-31-16		Date		

SP Specialty Products  
 1420 N. 4th St.  
 Fargo, N.D. 58102

Phone: 701-235-2996



Date: 11-1-16	PSC Device Code: 3V4	No. of Sections: 4	Complete each item with Y (Yes), N (No), or NA (Not Applicable)	
Name of Business: Red River oilfield Services			<input checked="" type="checkbox"/> New Installation (w/ RFI Check)	<input checked="" type="checkbox"/> Performed Calibration
Mailing Address: P.O. Box 1146			<input checked="" type="checkbox"/> Modified Equipment	<input checked="" type="checkbox"/> Use as a Reference Scale
City: Williston, State: N.D., Zip Code: 58802			<input checked="" type="checkbox"/> Replaced Existing Equipment	<input type="checkbox"/> Non-Commercial
County: Williams, Telephone Number: 701-774-3904			NA Variance Permit Posted; Expiration Date: _____	
Device Contact/Manager: _____, Cell Number: _____			NA Stored/Recalled Weights Meet NDAC §§ 69-10-02-23 & 69-10-02-24	
Email Address: _____			NA Software is NTEP Approved	
Device Location: Red River - Rail yard, 13314 50th Rd. N.W. Williston			NA Built-in Standards; Date Certified: _____	
			NA Multiple Decks/Single Indicator <input checked="" type="checkbox"/> Customer Has Clear View	
			NA Clearance Below Scale Clear <input checked="" type="checkbox"/> Video Camera Working	
			NA Approach Requirements Met <input checked="" type="checkbox"/> View Distance > 200'	
			NA Pit Coping and Crush Strip Good <input checked="" type="checkbox"/> Two-Way Audio Working	
N In Response to PSC Quality Assurance Inspection				

Scale Information: 58801			
Scale Manufacturer: Weigh-Tronix	Indicator Manufacturer/Model: W/T E1310	Indicator Serial No.: 140615144	Weighing Elements: Full electronic
Capacity/Divisions/Units: 120,000x20 lbs	Legible Label: YY XX	Class: IIII	Printer Manufacturer/Model: Epson TM-295
Printer Serial No.: J9KF115982	Deck Size: 75 x 11'	Clearance (inches): 12"	Approach - 12' Concrete Level: Compacted clay
Hard Surface Approach (Length/Slope/Condition): 20' flat acceptable	SR or Discrimination Test: Zero Load = 1.4d=2d lb. Loaded = 1.4d=2d lb.	Motion Detection Range = 60 lb.	AZSM (Auto Zero) Range = 60 lb.

LBP / Section / Product Wt.	Value of Test Weights Used	Errors +/-		LBP / Section / Product Wt.	Value of Test Weights Used	Errors +/-	
		As Found	As Left			As Found	As Left
Corners	10000			Sections	20000		
1	[Handwritten squiggle]	0	0	1	[Handwritten squiggle]		0
2		-20	0	2		0	
3		-20	0	3		0	
4		0	0	4		0	
5		0	0			B/C=0	
6		0	0				
7		-20	0				
8		0	0				
		B/C=0	B/C=0				

Section (Increasing or Decreasing):		Remarks (include environmental conditions, if applicable). Attach additional sheets as necessary.	
Full Truck Weight:	49660	Scale originally installed on factory designed portable scale frame 3 months ago.	
Test Weight:	20000	Moved to new location and placed on cement concrete swamp pads. Tested as shown.	
Empty Truck Weight:	29660/80	Spanned corners as needed to remove errors. Scale will be moved again onto fixed concrete early in 2017.	
Errors:	0/+20	Approaches are compacted clay. Scale will be used as IN SCALE in conjunction with existing OUT SCALE.	
Y Physical Seal YY XXN	N Electronic Audit Trail: XXX N N		
Seal Date:	Seal Type: Lead		
Meets tolerances in PSC adopted NIST Handbook 44? Maintenance Y Acceptance			
Y Approved Rejected Taken out of Service Y Sticker Applied			
By signing this test report, I declare that I have examined this report and to the best of my knowledge and belief, the report is complete and the facts stated are sufficient, true and correct. I also declare that, except for conditions noted in "Remarks," the device meets the minimum requirements of the State laws and rules, including NIST Handbook 44, for use of the device in commerce.			
Phil McIntyre		1311	
Permit Holder Signature		Permit No.	
Operator Signature		Date	