

Proseed, Inc.
302 Gridley Ave
Amenia, ND 58004
June 25, 2018



Shelly Bauske
Public Service Commission
600 East Boulevard, Dept. 408
Bismarck, ND 58505-0480

Shelly,

Please consider this letter a request for a permanent variance on the truck scale foundation at our Amenia, North Dakota facility.

We requested a Floating Slab foundation instead of the standard, Pier Type foundation based upon our water table at this facility. Kennedy Scales, Inc. performed the installation and calibration of the scale. The scale is a Mettler Toledo VTC100 80' x 11' Concrete Deck and has the required 12" minimum clearance under the deck itself.

We understand that the following conditions needed be met. Kennedy Scales, Inc. built the foundation according to the following requirements, as prescribed by your department:

- The foundation of the scale must be constructed on soil that has a uniform natural or engineered soil bearing of at least 1,500 pounds per square foot.
- A base of uniform, compacted, permeable aggregate, at least 24 inches deep must be installed. The concrete slab foundation must be poured on top of this base.
- The scale weighing element or elements must be supported on a monolithic, reinforced 12" thick concrete slab and must conform to the scale manufacturer's installation and reinforcing requirements.
- The top surface of the foundation slab must be installed above the surrounding grade level so that water will flow away from the foundation and away from the permeable aggregate base that supports the foundation.
- All other applicable North Dakota Laws and Rules must be followed.

Attached are all the reports to date showing that the requirements have been met.

If you have any technical questions, please direct them to Penny at Kennedy Scales, Inc. Thank you for your consideration.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Vein".

Eric Vein
Warehouse Manager
Proseed, Inc.
701-219-4866

Enclosure: 3 scale certifications



Kennedy Scales, Inc.

WEIGHING SYSTEMS SPECIALISTS

11485 Xeon St. NW, Coon Rapids, MN 55448 • 763.784.1022 main • 763.784.1206 fax • www.kennedyscales.com

RECEIVED
JUN 27 2018

Date: <u>11/31/17</u>	PSC Device Code: <u>3VS</u>	No. of Sections: <u>5</u>	Complete each item with Y (Yes), N (No), or NA (Not Applicable)	
Name of Business: <u>Pro Seed</u>			<input checked="" type="checkbox"/> New Installation (w/ RFI Check)	<input checked="" type="checkbox"/> Performed Calibration
Mailing Address: <u>302 Gridley Ave</u>			<input checked="" type="checkbox"/> Modified Equipment	<input checked="" type="checkbox"/> Use as a Reference Scale
City: <u>Amelia</u>	State: <u>ND</u>	Zip Code: <u>58004</u>	<input checked="" type="checkbox"/> Replaced Existing Equipment	<input checked="" type="checkbox"/> Non-Commercial
County: <u>Cass</u>	Telephone Number: <u>(701) 3474660</u>	Cell Number: <u>(701) 219 4866</u>	<input checked="" type="checkbox"/> Clearance Below Scale Clear	<input checked="" type="checkbox"/> Legible Capacity Label
Device Contact/Manager: <u>Eric Vein</u>	Email Address: <u>eric.proseed@gmail.com</u>		<input checked="" type="checkbox"/> Pit Coping and Crush Strip Good	<input checked="" type="checkbox"/> Operator Has Full View
Device Location: <u>(address listed above - N. of bins)</u>			<input checked="" type="checkbox"/> Approach Requirements Met	<input checked="" type="checkbox"/> Customer Has Clear View
			<input checked="" type="checkbox"/> Multiple Decks/Single Indicator	<input checked="" type="checkbox"/> View Distance > 200'
			<input checked="" type="checkbox"/> Variance Permit Posted	<input checked="" type="checkbox"/> Video Camera Working
			Expiration Date: <u>8/31/17</u>	<input checked="" type="checkbox"/> Two-Way Audio Working
			<input checked="" type="checkbox"/> Built-In Standards; Date Certified:	<input checked="" type="checkbox"/> NA
			<input checked="" type="checkbox"/> Stored/Recalled Weights Meet NDAC §§ 69-10-02-23 & 69-10-02-24	
			<input checked="" type="checkbox"/> In Response to PSC Quality Assurance Inspection	

Scale Information			
Scale Manufacturer: <u>Mettler-Toledo</u>	Indicator Manufacturer/Model: <u>MT IND-246 PDX</u>	Indicator Serial No.: <u>R617392302</u>	Weighing Elements: <u>(10) MT PDX 600 Powercells</u>
Capacity/Divisions/Units: <u>120,000 x 20 lbs</u>	Class: <u>TTL</u>	Printer Manufacturer/Model: <u>Epson TM295</u>	Printer Serial No.: <u>J9KF150301</u>
Deck Size: <u>80' x 11'</u>	Clearance (inches): <u>14 min 18' max</u>	Approach - 12" Concrete Level: <u>(yes) 12'</u>	Hard Surface Approach (Length/Slope/Condition): <u>40' each level, +60 (w) +40' 1 1/4" (E)</u>
SR or Discrimination Test: <u>NA</u>	Zero Load = <u>NA</u> lb.	Loaded = <u>NA</u> lb.	Motion Detection Range = <u>+/- 60</u> lb.
AZSM (Auto Zero) Range = <u>+/- 60</u> lb.			

LBP / Section / Product Wt.	Value of Test Weights	Errors +/- As Found	Errors +/- As Left	LBP / Section / Product Wt.	Value of Test Weights	Errors +/- As Found	Errors +/- As Left
<u>Corner 1</u>	<u>12,000 lb</u>	<u>0</u>	<u>0</u>	<u>Sec 1</u>	<u>20,000</u>	<u>0</u>	<u>0</u>
<u>2</u>	<u> </u>	<u>0</u>	<u>0</u>	<u>2</u>	<u> </u>	<u>0</u>	<u>0</u>
<u>3</u>	<u> </u>	<u>0</u>	<u>0</u>	<u>3</u>	<u> </u>	<u>0</u>	<u>0</u>
<u>4</u>	<u> </u>	<u>0</u>	<u>0</u>	<u>4</u>	<u> </u>	<u>0</u>	<u>0</u>
<u>5</u>	<u> </u>	<u>0</u>	<u>0</u>	<u>5</u>	<u> </u>	<u>0</u>	<u>0</u>
<u>6</u>	<u> </u>	<u>0</u>	<u>0</u>	<u>B/C</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>7</u>	<u> </u>	<u>0</u>	<u>0</u>				
<u>8</u>	<u> </u>	<u>0</u>	<u>0</u>				
<u>9</u>	<u> </u>	<u>0/+20</u>	<u>0/+20</u>				
<u>10</u>	<u> </u>	<u>0</u>	<u>0</u>				
<u>B/C</u>	<u>0</u>	<u>0</u>	<u>0</u>				

Strain Load Test				Remarks (include environmental conditions, if applicable). Attach additional sheets as necessary. <u>This is 6 months from installation test to satisfy variance for a beam slab foundation. Next test due July 2017.</u>
Section (Increasing or Decreasing)	<u>Sec 1 (inc)</u>	<u>Sec 3 (inc)</u>	<u>Sec 5 (inc)</u>	
Full Truck Weight	<u>58160/180</u>	<u>58180</u>	<u>58180</u>	
Test Weight	<u>20,000</u>	<u>20000</u>	<u>20000</u>	
Empty Truck Weight	<u>38160/180</u>	<u>38180</u>	<u>38180</u>	
Errors	<u>0</u>	<u>0</u>	<u>0</u>	
<input checked="" type="checkbox"/> Physical Seal Seal Date: <u>2017</u>	<input checked="" type="checkbox"/> Electronic Audit Trail Audit Trail Information: <u>21 Sept 2016</u>			
Meets tolerances prescribed in 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.				
<u>Tim Seifert</u> Permit Holder Signature		<u>1295</u> Permit No.		



Kennedy Scales, Inc.

WEIGHING SYSTEMS SPECIALISTS

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Date: 8/31/17	PSC Device Code: 3VS	No. of Sections: 5	Complete each item with Y (Yes), N (No), or NA (Not Applicable)	
Name of Business: Pro Seed			<input type="checkbox"/> New Installation (w/ RFI Check)	<input type="checkbox"/> Performed Calibration
Mailing Address: 302 Gridley Ave			<input type="checkbox"/> Modified Equipment	<input type="checkbox"/> Use as a Reference Scale
City: America	State: ND	Zip Code: 58004	<input type="checkbox"/> Replaced Existing Equipment	<input type="checkbox"/> Non-Commercial
County: Cass	Telephone Number: (701) 347-4660		<input checked="" type="checkbox"/> Clearance Below Scale Clear	<input checked="" type="checkbox"/> Legible Capacity Label
Device Contact/Manager: Eric Vein	Cell Number: (701) 219-4866		<input type="checkbox"/> Pit Coping and Crush Strip Good	<input checked="" type="checkbox"/> Operator Has Full View
Email Address: eric.proseed@gmail.com			<input checked="" type="checkbox"/> Approach Requirements Met	<input checked="" type="checkbox"/> Customer Has Clear View
Device Location: Above address, north of Bins			<input type="checkbox"/> Multiple Decks/Single Indicator	<input type="checkbox"/> View Distance > 200'
			<input checked="" type="checkbox"/> Variance Permit Posted	<input type="checkbox"/> Video Camera Working
			Expiration Date: 8/31/17	<input type="checkbox"/> Two-Way Audio Working
			<input type="checkbox"/> Built-In Standards; Date Certified: _____	
			<input checked="" type="checkbox"/> Stored/Recalled Weights Meet NDAC §§ 69-10-02-23 & 69-10-02-24	
			<input type="checkbox"/> In Response to PSC Quality Assurance Inspection	

Scale Information		Weighing Elements	
Scale Manufacturer: Mettler Toledo	Indicator Manufacturer/Model: MIF IND 246 PDX	Indicator Serial No.: 13617	(10) MIF GPD PDX Powercells
Capacity/Divisions/Units: 120,000 x 20 lbs	Class: III L	Printer Manufacturer/Model: Epson TM 245	Printer Serial No.: 34KE150301
Deck Size: 80' x 11'	Clearance (inches): 14" min 18" max	Approach - 12' Concrete Level: (Yes - 12')	Hard Surface Approach (Length/Slope/Condition)
SR or Discrimination Test: Zero Load = N/A	lb. Loaded = N/A	Motion Detection Range = +/- 60	AZSM (Auto Zero) Range = +/- 60

Test Data								
LBP / Section / Product Wt.	Value of Test Weights	Errors +/- As Found	Errors +/- As Left	LBP / Section / Product Wt.	Value of Test Weights	Errors +/- As Found	Errors +/- As Left	
Form 1	12,000 lb	0	0	Sec 1	21,000	0	0	
2	↓	0	0	2	↓	0	0	
3		0	0	3		0	0	
4		0	0	4		0	0	
5		0	0	5		0	0	
6		0	0					
7		0	0	B/C		0	0	0
8		0	0					
9		0	0					
10		0	0					
B/C		0	0	0				

Strain Load Test				Remarks (include environmental conditions, if applicable). Attach additional sheets as necessary. Scale was scheduled to be tested for variance in July of 2017, but was not tested until today.
Section (Increasing or Decreasing)	Sec 1 (inc)	Sec 3 (inc)	Sec 5 (inc)	
Full Truck Weight	59920	59940	59940	
Test Weight	21000	21000	21000	
Empty Truck Weight	38920	38940	38940	
Errors	0	0	0	
<input checked="" type="checkbox"/> Physical Seal Seal Date: KSI/2017	<input checked="" type="checkbox"/> Electronic Audit Trail Audit Trail Information:			
Meets tolerances prescribed in 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: Tim Seifert			Permit No.: 1295	



Public Service Commission

State of North Dakota

COMMISSIONERS

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Randy Christmann
Brian P. Kalk

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Darrell Nitschke

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TEMPORARY VARIANCE PERMIT APPROVAL

Expires: Midnight on August 31, 2017

**Proseed, Inc.
Variance Permit - Amenia
Application**

Case No. WM-16-540

Issued To:

Proseed, Inc.
705 East Brewster
Harvey, ND 58341

Scale Location:

Proseed, Inc.
Amenia, ND

Truck Scale Information:

Mettler Toledo VTC100, SN B617392302, 120,000 lb., 11' x 80'

Request To:

Operate in commerce a scale with a floating slab foundation.

Temporary Variance Permit Conditions:

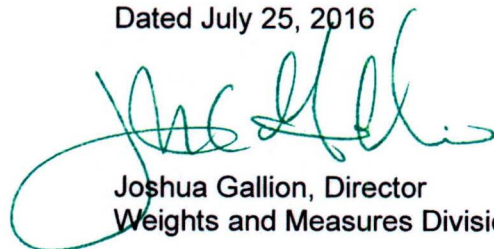
- Within 90 days from the date of this variance permit, submit all supporting documentation showing foundation requirements as listed below have been met.
 - The foundation of the scale must be constructed on soil that has a uniform natural or engineered soil bearing of at least 1,500 pounds per square foot.
 - A base of uniform, compacted, permeable aggregate, at least 24 inches deep must be installed. The concrete slab foundation must be poured on top of this base.
 - The scale weighing element or elements must be supported on a monolithic, reinforced 12" thick concrete slab and must conform to the scale manufacturer's installation and reinforcing requirements.
- The top surface of the foundation slab must be installed above the surrounding grade level so that water will flow away from the foundation and away from the permeable aggregate base that supports the foundation.

Proseed, Inc.
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- The scale will not be used beyond its 120,000 lb. capacity.
- During the temporary variance period, the scale must maintain acceptance tolerance.
- The scale must be placed into service by a registered service company.
- The scale must be retested and adjusted, if applicable, by a registered service company in January 2017 and July 2017.
- The service company test reports must be submitted to the Commission.
- The service company test reports must include both the "as found" and "as left" readings.
- The scale must be operated according to all applicable North Dakota Laws and Rules.
- Enclosed is a Temporary Variance Permit that must be posted near the scale referenced by the Permit and in a place conspicuous to the public.

If you have any further questions, or require additional information, please feel free to contact me at (701) 328-4020.

Dated July 25, 2016



Joshua Gallion, Director
Weights and Measures Division



Public Service Commission

TEMPORARY VARIANCE PERMIT

Expires: **Midnight on August 31, 2017**

Issued To:

Proseed, Inc.
705 East Brewster
Harvey, ND 58341

Scale Location:

Proseed, Inc.
Amenia, ND

Scale Information:

Mettler Toledo VTC100, SN B617392302, 120,000 lb., 11' x 80'

This Permit allows the above referenced **scale with a floating slab foundation to be operated in commerce.**

This Permit is conditioned upon Proseed, Inc. adhering to the terms of the July 25, 2016 Temporary Variance Permit Approval.

Dated July 25, 2016

A handwritten signature in blue ink, appearing to read "Joshua Gallion", is written over the printed name and title.

Joshua Gallion, Director
Weights and Measures Division