

ND Public Service Commission  
Testing & Safety Division  
600 East Boulevard Avenue  
Bismarck, ND 58505



Request for Permanent Variance Permit:

Border Ag & Energy is requesting a permanent variance permit for the two new truck scales at the following location:

Border Ag & Energy  
Russell Grain Terminal  
8674 County Road 20  
Russell, ND 58762

Both scales were manufactured by Rice Lake Weighing Systems out of Rice Lake, WI. The scales that were installed are all above ground. RLWS/ 920i truck scales with steel decks and guide rails. The deck size is 110' X 12'. The load capacity (CLC) is 100,000 lbs. The scale serial number outbound scale is 7BD4/ Ind:1817500094, Inbound scale is 7BBQ/ Ind:1823000014.

Border Ag & Energy is requesting a permanent variance permit. We met all state requirements and exceeded the manufacturer's minimum requirement. We have holes with cover for each load cells, also PVC pipes which allows drainage from under the scales. Building was placed over the scales to protect them from weather elements. (Please see attached pictures.)

We had only three inspections done. We were supposed to have four inspections with the last inspection being done November 2019. I was not around because of medical issues and I did not let anyone know that it should have been done. We do have our scales done once a year.

Please let me know if there is anything else that is needed to comply.

Thank you

A handwritten signature in black ink that reads "Gary Hardy".

Gary Hardy

Station Manager  
Border Ag & Energy



# CAPITAL SCALE

3021 Valley Forge St. • Bismarck, ND 58503  
Phone: 701-255-1556

Date <i>3-13-19</i>	PSC Device Code <i>76</i>	No. of Sections <i>6</i>	Complete each item with Y (Yes), N (No), or NA (Not Applicable)	
Name of Business <i>Bovine</i>	Mailing Address <i>g</i>		<input checked="" type="checkbox"/> New Installation (w/RFI Check)	<input checked="" type="checkbox"/> Performed Calibration
City <i>Russell</i>	State <i>ND</i>	Zip Code	<input checked="" type="checkbox"/> Modified Equipment	<input checked="" type="checkbox"/> Use as a Reference Scale
County	Telephone Number		<input checked="" type="checkbox"/> Replaced Existing Equipment	<input checked="" type="checkbox"/> Non-Commercial
Device Contact/Manager	Cell Number		<input checked="" type="checkbox"/> Variance Permit Posted; Expiration Date: _____	
Email Address	Device Location <i>Outbound TS</i>		<input checked="" type="checkbox"/> Stored/Recalled Weights Meet NDAC §§ 69-10-02-23 & 69-10-02-24	<input checked="" type="checkbox"/> Software is NTEP Approved
			<input checked="" type="checkbox"/> Built-In Standards; Date Certified: _____	<input checked="" type="checkbox"/> Multiple Decks/Single Indicator
			<input checked="" type="checkbox"/> Customer Has Clear View	<input checked="" type="checkbox"/> Clearance Below Scale Clear <i>NA</i>
			<input checked="" type="checkbox"/> Video Camera Working	<input checked="" type="checkbox"/> Approach Requirements Met
			<input checked="" type="checkbox"/> View Distance > 200'	<input checked="" type="checkbox"/> Pit Coping and Crush Strip Good
			<input checked="" type="checkbox"/> Two Way Audio Working	<input checked="" type="checkbox"/> In Response to PSC Quality Assurance Inspection

### Scale Information

Scale Manufacturer <i>Rice Lane</i>	Indicator Manufacturer/Model <i>9201</i>	Indicator Serial No. <i>1217500094</i>	Weighing Elements <i>ELC</i>
Capacity/Divisions/Units <i>100000 x 20165</i>	Legible Label <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Class <i>2016</i>	Printer Manufacturer/Model <i>Computer</i>
Deck Size <i>170 x 11'</i>	Clearance (Inches) <i>15"</i>	Approach - 12' Concrete Level <i>Good</i>	Hard Surface Approach (Length/Slope/Condition) <i>Good</i>
SR or Discrimination Test Zero Load = _____ lb. Loaded = _____ lb.	Motion Detection Range = <i>60</i> lb.	AZSM (Auto Zero) Range = <i>60</i> lb.	

### Test Data

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
<i>BC</i>	<i>0</i>		<i>0</i>	<i>2000</i>	<i>100000</i>		<i>0</i>
<i>Capacity 1</i>	<i>100000/165</i>		<i>0</i>	<i>2</i>	<i>1</i>		<i>-20</i>
<i>2</i>	<i>1</i>		<i>0</i>	<i>3</i>	<i>1</i>		<i>-20</i>
<i>3</i>	<i>1</i>		<i>-20</i>	<i>4</i>	<i>1</i>		<i>0</i>
<i>4</i>	<i>1</i>		<i>0</i>	<i>5</i>	<i>1</i>		<i>20</i>
<i>5</i>	<i>1</i>		<i>0</i>	<i>6</i>	<i>1</i>		<i>0/100</i>
<i>6</i>	<i>1</i>		<i>0</i>	<i>BC</i>	<i>0</i>		<i>0</i>
<i>7</i>	<i>1</i>		<i>0</i>				
<i>8</i>	<i>1</i>		<i>-20</i>				
<i>9</i>	<i>1</i>		<i>-20</i>				
<i>10</i>	<i>1</i>		<i>0</i>				
<i>11</i>	<i>1</i>		<i>0</i>				
<i>12</i>	<i>1</i>		<i>0</i>				

### Strain Load Test

Section (Increasing or Decreasing) <i>5</i>	Full Truck Weight <i>53900</i>	Test Weight <i>20000</i>	Empty Truck Weight <i>23900</i>	Errors <i>0</i>	Remarks (include environmental conditions, if applicable). Attach additional sheets as necessary.
<input type="checkbox"/> Physical Seal <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Electronic Audit Trail: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N				
Seal Date:	Audit Trail Information:				
Seal Type:					
Meets tolerances in PSC adopted NIST Handbook 44? <input checked="" type="checkbox"/> Maintenance <input 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 <i>[Signature]</i>			Permit No. <i>1754</i>		
Operator Signature <i>[Signature]</i>			Date <i>3-13-19</i>		



# CAPITAL SCALE

3021 Valley Forge St. · Bismarck, ND 58503  
Phone: 701-255-1556

Date <i>3-13-19</i>	PSC Device Code <i>3V6</i>	No. of Sections <i>6</i>	Complete each item with Y (Yes), N (No), or NA (Not Applicable)	
Name of Business <i>Border Ag</i>			<input checked="" type="checkbox"/> New Installation (w/RFI Check)	<input checked="" type="checkbox"/> Performed Calibration
Mailing Address			<input checked="" type="checkbox"/> Modified Equipment	<input checked="" type="checkbox"/> Use as a Reference Scale
City <i>Russell</i>			<input checked="" type="checkbox"/> Replaced Existing Equipment	<input checked="" type="checkbox"/> Non-Commercial
State <i>ND</i>	Zip Code		<input checked="" type="checkbox"/> Variance Permit Posted; Expiration Date: _____	
County	Telephone Number		<input checked="" type="checkbox"/> Stored/Recalled Weights Meet NDAC §§ 69-10-02-23 & 69-10-02-24	
Device Contact/Manager	Cell Number		<input checked="" type="checkbox"/> Software is NTEP Approved	
Email Address			<input checked="" type="checkbox"/> Built-In Standards; Date Certified: _____	
Device Location <i>Inbound TS</i>			<input checked="" type="checkbox"/> Multiple Decks/Single Indicator	<input checked="" type="checkbox"/> Customer Has Clear View
			<input checked="" type="checkbox"/> Clearance Below Scale Clear	<input checked="" type="checkbox"/> Video Camera Working
			<input checked="" type="checkbox"/> Approach Requirements Met	<input checked="" type="checkbox"/> View Distance > 200'
			<input checked="" type="checkbox"/> Pit Coping and Crush Strip Good	<input checked="" type="checkbox"/> Two Way Audio Working
			<input checked="" type="checkbox"/> In Response to PSC Quality Assurance Inspection	

### Scale Information

Scale Manufacturer <i>Kice Lake</i>	Indicator Manufacturer/Model <i>RL 9205</i>	Indicator Serial No. <i>1323000014</i>	Weighing Elements <i>FLC</i>
Capacity/Divisions/Units <i>16,000 x 20 lbs</i>	Legible Label <i>Y N</i>	Class <i>III</i>	Printer Manufacturer/Model <i>CDW</i>
Deck Size <i>11' x 120'</i>	Clearance (Inches) <i>12"</i>	Approach - 12' Concrete Level <i>OK</i>	Hard Surface Approach (Length/Slope/Condition) <i>OK</i>
SR or Discrimination Test Zero Load = <i>NA</i> lb. Loaded = <i>NA</i> lb.		Motion Detection Range = <i>60</i> lb.	AZSM (Auto Zero) Range = <i>60</i> lb.

### Test Data

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
<i>BC</i>	<i>Ø</i>		<i>Ø</i>	<i>BC</i>	<i>Ø</i>		<i>Ø</i>
<i>Corners</i>	<i>10,000 lbs</i>		<i>Ø</i>	<i>Sections</i>	<i>20,000 lbs</i>		<i>+20 lbs</i>
<i>2</i>	<i> </i>		<i>Ø</i>	<i>3</i>	<i> </i>		<i>Ø</i>
<i>3</i>	<i> </i>		<i>Ø</i>	<i>4</i>	<i> </i>		<i>+20</i>
<i>4</i>	<i> </i>		<i>Ø</i>	<i>5</i>	<i> </i>		<i>Ø</i>
<i>5</i>	<i> </i>		<i>Ø</i>	<i>6</i>	<i> </i>		<i>Ø</i>
<i>6</i>	<i> </i>		<i>Ø</i>				<i>Ø</i>
<i>7</i>	<i> </i>		<i>Ø</i>				<i>Ø</i>
<i>8</i>	<i> </i>		<i>Ø</i>	<i>BC</i>	<i>Ø</i>		<i>Ø</i>
<i>9</i>	<i> </i>		<i>+20 lbs</i>				
<i>10</i>	<i> </i>		<i>+20 lbs</i>				
<i>11</i>	<i> </i>		<i>Ø</i>				
<i>12</i>	<i> </i>		<i>+20 lbs</i>				

### Strain Load Test

Section (Increasing or Decreasing)	<i>2</i>	Remarks (include environmental conditions, if applicable). Attach additional sheets as necessary. <i>Tested + approved</i>
Full Truck Weight	<i>53,900 lbs</i>	
Test Weight	<i>20,000</i>	
Empty Truck Weight	<i>33,900</i>	
Errors	<i>Ø</i>	
<input type="checkbox"/> Physical Seal <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Electronic Audit Trail: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	
Seal Date:	Audit Trail Information:	
Seal Type:		
Meets tolerances in PSC adopted NIST Handbook 44? <input checked="" type="checkbox"/> Maintenance <input 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 <i>[Signature]</i>	Permit No. <i>1801</i>	
Operator Signature <i>[Signature]</i>	Date <i>3-13-19</i>	

# Northwest Scale, Inc.

2210 Main Ave E, Ste 2A  
West Fargo, ND 58078-2221

Phone: (701) 298-9527  
Fax: (701) 356-9520

www.northwestscale.com  
info@northwestscale.com

Date <b>10/16/2018</b>	PSC Device Code <b>3V6</b>	Number of Sections <b>6</b>	Complete each item with Y (Yes), N (No), or NA (Not Applicable)	
Name of Business <b>Border Ag &amp; Energy (Russell Grain Terminal)</b>			<input type="checkbox"/> New Installation (w/ RFI Check)	<input type="checkbox"/> Performed Calibration
Mailing Address <b>8674 County Road 20</b>			<input type="checkbox"/> Modified Equipment	<input type="checkbox"/> Use as a Reference Scale
City <b>Russell</b>	State <b>ND</b>	Zip Code <b>58762</b>	<input type="checkbox"/> Replaced Existing Equipment	<input type="checkbox"/> Non-Commercial
County <b>Bottineau</b>	Telephone Number <b>701-272-6179</b>		<input type="checkbox"/> Variance Permit Posted; Exp. Date: <b>11/30/2019</b>	
Device Contact Person/Manager <b>Wayne Johnson</b>	Cell Phone Number <b>701-263-7296</b>		<input type="checkbox"/> Stored/Recalled Weights Meet NDAC §§ 69-10-02-23 & 69-10-02-24	
E-mail Address <b>wjohnson@borderag.coop</b>			<input type="checkbox"/> Software is NTEP Approved	
Device Location <b>OUTBOUND 8674 County Road 20; Russell, ND 58762</b>			<input type="checkbox"/> Built-In Standards; Date Certified: <b>NA</b>	
			<input type="checkbox"/> Multiple Decks/Single Indicator	<input type="checkbox"/> Customer Has Clear View
			<input type="checkbox"/> Clearance Below Scale Clear	<input type="checkbox"/> Video Camera Working
			<input type="checkbox"/> Approach Requirements Met	<input type="checkbox"/> View Distance > 200'
			<input type="checkbox"/> Pit Coping & Crush Strip Good	<input type="checkbox"/> Two-Way Audio Working
			<input type="checkbox"/> In Response to PSC Quality Assurance Inspection	


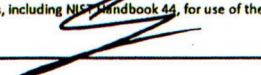
### SCALE INFORMATION

Scale Manufacturer <b>Rice Lake Weighing Systems</b>	Indicator Manufacturer/Model <b>RLWS / 920i®</b>	Indicator Serial Number <b>Scale: 7BD4 / Ind: 1817500094</b>	Weighing Elements <b>(E) 12- 75K Load Cells</b>
Capacity/Divisions/Units <b>160,000 x 20 lbs</b>	Legible Label <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Class <b>IIIL</b>	Printer Manufacturer/Model <b>Computer System</b>
Deck Size <b>110' x 12'</b>	Clearance (Inches) <b>12" (Pitless)</b>	Approach (12' Concrete Level) <b>12' Concrete Level</b>	Printer Serial Number <b>NA</b>
SR (Sensitivity Response) OR Discrimination Test <b>ZERO LOAD = 1.4d = 2d lb. LOADED = 1.4d = 2d lb.</b>	Motion Detection <b>Range = 60 lb.</b>	Hard Surface Approach (Length/Slope/Condition) <b>20' Concrete Level</b>	AZSM (Auto Zero) <b>Range = 60 lb.</b>

### SCALE TEST DATA

LBP / Section / Product Weight	Value of Test Weights Used	Errors + / -		LBP / Section / Product Weight	Value of Test Weights Used	Errors + / -	
		As Found	As Left			As Found	As Left
LBP #1	10,000 lbs	0	0	Section #1	20,000 lbs	0	0
LBP #2	10,000 lbs	0	0	Section #2	20,000 lbs	0	0
LBP #3	10,000 lbs	0/-20	0/-20	Section #3	20,000 lbs	0	0
LBP #4	10,000 lbs	0	0	Section #4	20,000 lbs	0	0
LBP #5	10,000 lbs	0	0	Section #5	20,000 lbs	0	0
LBP #6	10,000 lbs	0	0	Section #6	20,000 lbs	0	0
LBP #7	10,000 lbs	0	0				
LBP #8	10,000 lbs	0	0	BC	0 lbs	0	0
LBP #9	10,000 lbs	0	0				
LBP #10	10,000 lbs	0	0				
LBP #11	10,000 lbs	0	0				
LBP #12	10,000 lbs	0	0				
BC	0 lbs	0	0				

### STRAIN LOAD TEST

Section (Increasing or Decreasing)	<b>1 (I)</b>	<b>3 (I)</b>	<b>NA</b>	Remarks (Include environmental conditions, if applicable.) Attach additional sheets as necessary.
Full Truck Weight	<b>56,640</b>	<b>56,640</b>	<b>NA</b>	
Test Weight	<b>20,000</b>	<b>20,000</b>	<b>NA</b>	
Empty Truck Weight	<b>56,640</b>	<b>56,640</b>	<b>NA</b>	
Errors	<b>0</b>	<b>0</b>	<b>NA</b>	
Physical Seal: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Date: <b>2018</b> Type: <b>Lead</b>	Electronic Audit Trail: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N Audit Trail Information: <b>NA</b>			<p><b>Inspected and found mice had chewed on 3 cables. Repaired and tested scale. 6 month check.</b></p> <p><b>** Temporary Variance Permit #524 - Scale must be recertified every 6 months to comply with and receive permanent variance for foundation style. **</b></p> <p><b>New scale installed by Northwest Scale in March 2018. Concrete work completed by L2 Contracting. Setup with local and remote 920i digital weight indicators utilizing iQube2 intelligent junction boxes and a remote display.</b></p>
Meets tolerance in PSC adopted NIST Handbook 44? <input checked="" type="checkbox"/> Maintenance <input 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 	Permit No. <b>1398</b>			
Operator Signature 	Date			

# Northwest Scale, Inc.

2210 Main Ave E, Ste 2A  
West Fargo, ND 58078-2221

Phone: (701) 298-9527  
Fax: (701) 356-9520

www.northwestscale.com  
info@northwestscale.com

Date 10/16/2018	PSC Device Code 3V6	Number of Sections 6	Complete each item with Y (Yes), N (No), or NA (Not Applicable)	
Name of Business Border Ag & Energy (Russell Grain Terminal)			<input type="checkbox"/> New Installation (w/ RFI Check)	<input type="checkbox"/> Performed Calibration
Mailing Address 8674 County Road 20			<input type="checkbox"/> Modified Equipment	<input type="checkbox"/> Use as a Reference Scale
City Russell	State ND	Zip Code 58762	<input type="checkbox"/> Replaced Existing Equipment	<input type="checkbox"/> Non-Commercial
County Bottineau	Telephone Number 701-272-6179		<input type="checkbox"/> Variance Permit Posted; Exp. Date: <u>11/30/2019</u>	
Device Contact Person/Manager Wayne Johnson	Cell Phone Number 701-263-7296		<input type="checkbox"/> Stored/Recalled Weights Meet NDAC §§ 69-10-02-23 & 69-10-02-24	
E-mail Address wjohnson@borderag.coop			<input type="checkbox"/> Software is NTEP Approved	
Device Location INBOUND 8674 County Road 20; Russell, ND 58762			<input type="checkbox"/> Built-In Standards; Date Certified: <u>NA</u>	
			<input type="checkbox"/> Multiple Decks/Single Indicator	<input type="checkbox"/> Customer Has Clear View
			<input type="checkbox"/> Clearance Below Scale Clear	<input type="checkbox"/> Video Camera Working
			<input type="checkbox"/> Approach Requirements Met	<input type="checkbox"/> View Distance > 200'
			<input type="checkbox"/> Pit Coping & Crush Strip Good	<input type="checkbox"/> Two-Way Audio Working
			<input type="checkbox"/> In Response to PSC Quality Assurance Inspection	

### SCALE INFORMATION

Scale Manufacturer Rice Lake Weighing Systems	Indicator Manufacturer/Model RLWS / 920i®	Indicator Serial Number Scale: 7BBQ / Ind: 1823000014	Weighing Elements (E) 12- 75K Load Cells
Capacity/Divisions/Units 160,000 x 20 lbs	Legible Label <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Printer Manufacturer/Model Computer System	Printer Serial Number NA
Deck Size 110' x 12'	Class IIIL	Approach (12' Concrete Level) 12' Concrete Level	Hard Surface Approach (Length/Slope/Condition) 20' Concrete Level
SR (Sensitivity Response) OR Discrimination Test ZERO LOAD = <u>1.4d = 2d</u> lb. LOADED = <u>1.4d = 2d</u> lb.		Motion Detection Range = <u>60</u> lb.	AZSM (Auto Zero) Range = <u>60</u> lb.

### SCALE TEST DATA

LBP / Section / Product Weight	Value of Test Weights Used	Errors + / -		LBP / Section / Product Weight	Value of Test Weights Used	Errors + / -	
		As Found	As Left			As Found	As Left
LBP #1	10,000 lbs	0	0	Section #1	20,000 lbs	0	0
LBP #2	10,000 lbs	0	0	Section #2	20,000 lbs	0	0
LBP #3	10,000 lbs	0	0	Section #3	20,000 lbs	0	0
LBP #4	10,000 lbs	0	0	Section #4	20,000 lbs	0	0
LBP #5	10,000 lbs	0	0	Section #5	20,000 lbs	0	0
LBP #6	10,000 lbs	0	0	Section #6	20,000 lbs	0	0
LBP #7	10,000 lbs	0	0				
LBP #8	10,000 lbs	0	0	BC	0 lbs	0	0
LBP #9	10,000 lbs	0	0				
LBP #10	10,000 lbs	0	0				
LBP #11	10,000 lbs	0	0				
LBP #12	10,000 lbs	0	0				
BC	0 lbs	0	0				

### STRAIN LOAD TEST

Section (Increasing or Decreasing)	1 (I)	5 (I)	NA	Remarks (Include environmental conditions, if applicable.) Attach additional sheets as necessary.
Full Truck Weight	56,680	56,680	NA	
Test Weight	20,000	20,000	NA	
Empty Truck Weight	36,680	36,680	NA	
Errors	0	0	NA	
Physical Seal: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Date: <u>2018</u> Type: <u>Lead</u>	Electronic Audit Trail: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N Audit Trail Information: <u>NA</u>			Inspected and checked calibration made no adjustments. 6 month check.  ** Temporary Variance Permit #525 - Scale must be recertified every 6 months to comply with and receive permanent variance for foundation style. **  New scale installed by Northwest Scale in March 2018. Concrete work completed by L2 Contracting. Setup with local and remote 920i digital weight indicators utilizing iQube2 intelligent junction boxes and a remote display.
Meets tolerance in PSC adopted NIST Handbook 44? <input checked="" type="checkbox"/> Maintenance <input 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		1398	Permit No.	
Operator Signature			Date	

# Northwest Scale, Inc.

2210 Main Ave E, Ste 2A  
West Fargo, ND 58078-2221

Phone: (701) 298-9527  
Fax: (701) 356-9520

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info@northwestscale.com

Date 3/29/2018	PSC Device Code 3V6	Number of Sections 6	Complete each item with Y (Yes), N (No), or NA (Not Applicable)	
Name of Business Border Ag & Energy (Russell Grain Terminal)			<input checked="" type="checkbox"/> New Installation (w/ RFI Check)	<input checked="" type="checkbox"/> Performed Calibration
Mailing Address 8674 County Road 20			<input checked="" type="checkbox"/> Modified Equipment	<input checked="" type="checkbox"/> Use as a Reference Scale
City Russell			<input checked="" type="checkbox"/> Replaced Existing Equipment	<input checked="" type="checkbox"/> Non-Commercial
State ND	Zip Code 58762		<input checked="" type="checkbox"/> Variance Permit Posted; Exp. Date: 11/30/2019	
County Bottineau	Telephone Number 701-272-6179		<input checked="" type="checkbox"/> Stored/Recalled Weights Meet NDAC §§ 69-10-02-23 & 69-10-02-24	
Device Contact Person/Manager Wayne Johnson	Cell Phone Number 701-263-7296		<input checked="" type="checkbox"/> Software is NTEP Approved	
E-mail Address wjohnson@borderag.coop			<input checked="" type="checkbox"/> Built-In Standards; Date Certified: NA	
Device Location OUTBOUND 8674 County Road 20; Russell, ND 58762			<input checked="" type="checkbox"/> Multiple Decks/Single Indicator	<input checked="" type="checkbox"/> Customer Has Clear View
			<input checked="" type="checkbox"/> Clearance Below Scale Clear	<input checked="" type="checkbox"/> Video Camera Working
			<input checked="" type="checkbox"/> Approach Requirements Met	<input checked="" type="checkbox"/> View Distance > 200'
			<input checked="" type="checkbox"/> Pit Coping & Crush Strip Good	<input checked="" type="checkbox"/> Two-Way Audio Working
			<input checked="" type="checkbox"/> In Response to PSC Quality Assurance Inspection	

### SCALE INFORMATION

Scale Manufacturer Rice Lake Weighing Systems	Indicator Manufacturer/Model RLWS / 920i®	Indicator Serial Number Scale: 7BD4 / Ind: 1817500094	Weighing Elements (E) 12- 75K Load Cells
Capacity/Divisions/Units 160,000 x 20 lbs	Legible Label <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Printer Manufacturer/Model Computer System	Printer Serial Number NA
Deck Size 110' x 12'	Clearance (Inches) 12" (Pitless)	Approach (12' Concrete Level) 12' Concrete Level	Hard Surface Approach (Length/Slope/Condition) 20' Concrete Level
SR (Sensitivity Response) 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.	

### SCALE TEST DATA

LBP / Section / Product Weight	Value of Test Weights Used	Errors +/-		LBP / Section / Product Weight	Value of Test Weights Used	Errors +/-	
		As Found	As Left			As Found	As Left
LBP #1	10,000 lbs		0	Section #1	20,000 lbs		0
LBP #2	10,000 lbs		0/-20	Section #2	20,000 lbs		0
LBP #3	10,000 lbs		0	Section #3	20,000 lbs		0
LBP #4	10,000 lbs		0	Section #4	20,000 lbs		0
LBP #5	10,000 lbs		0	Section #5	20,000 lbs		0
LBP #6	10,000 lbs		0	Section #6	20,000 lbs		0
LBP #7	10,000 lbs		0				
LBP #8	10,000 lbs		0	BC	0 lbs		0
LBP #9	10,000 lbs		0				
LBP #10	10,000 lbs		0				
LBP #11	10,000 lbs		0				
LBP #12	10,000 lbs		0				
BC	0 lbs		0				

### STRAIN LOAD TEST

Section (Increasing or Decreasing)	1 (I)	5 (I)	NA	Remarks (Include environmental conditions, if applicable.) Attach additional sheets as necessary.  Installed a new RLWS above ground truck scale with accessories. Calibrated and placed in service. ** Temporary Variance Permit #524 - Scale must be recertified in May & November of 2018 & 2019 to comply with and receive permanent variance for foundation style. **  New scale installed by Northwest Scale in March 2018. Concrete work completed by L2 Contracting. Setup with local and remote 920i digital weight indicators utilizing iQube2 intelligent junction boxes and a remote display.
Full Truck Weight	56,520	56,540	NA	
Test Weight	20,000	20,000	NA	
Empty Truck Weight	36,520	36,520	NA	
Errors	0	+20	NA	
Physical Seal: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Electronic Audit Trail: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N			
Date: 2018 Type: Lead	Audit Trail Information: NA			
Meets tolerance 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	1637		Permit No.	
Operator Signature			Date	

# Northwest Scale, Inc.

2210 Main Ave E, Ste 2A  
West Fargo, ND 58078-2221

Phone: (701) 298-9527  
Fax: (701) 356-9520

www.northwestscale.com  
info@northwestscale.com

Date	PSC Device Code	Number of Sections	Complete each item with Y (Yes), N (No), or NA (Not Applicable)			
3/29/2018	3V6	6	Y New Installation (w/ RFI Check)		Y Performed Calibration	
Name of Business			N Modified Equipment		N Use as a Reference Scale	
Border Ag & Energy (Russell Grain Terminal)			N Replaced Existing Equipment		N Non-Commercial	
Mailing Address			Y Variance Permit Posted; Exp. Date: 11/30/2019			
8674 County Road 20			N Stored/Recalled Weights Meet NDAC §§ 69-10-02-23 & 69-10-02-24			
City	State	Zip Code	Y Software is NTEP Approved			
Russell	ND	58762	N Built-In Standards; Date Certified: NA			
County	Telephone Number		N Multiple Decks/Single Indicator			
Bottineau	701-272-6179		Y Clearance Below Scale Clear		Y Customer Has Clear View	
Device Contact Person/Manager	Cell Phone Number		Y Approach Requirements Met		Y Video Camera Working	
Wayne Johnson	701-263-7296		Y Pit Coping & Crush Strip Good		Y View Distance > 200'	
E-mail Address	Y Two-Way Audio Working					
wjohnson@borderag.coop	N In Response to PSC Quality Assurance Inspection					
Device Location						
INBOUND 8674 County Road 20; Russell, ND 58762						

### SCALE INFORMATION

Scale Manufacturer	Indicator Manufacturer/Model	Indicator Serial Number	Weighing Elements
Rice Lake Weighing Systems	RLWS / 920i®	Scale: 7BBQ / Ind: 1823000014	(E) 12- 75K Load Cells
Capacity/Divisions/Units	Legible Label	Printer Manufacturer/Model	Printer Serial Number
160,000 x 20 lbs	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Computer System	NA
Deck Size	Clearance (Inches)	Approach (12' Concrete Level)	Hard Surface Approach (Length/Slope/Condition)
110' x 12'	12" (Pitless)	12' Concrete Level	20' Concrete Level
SR (Sensitivity Response) OR Discrimination Test		Motion Detection	AZSM (Auto Zero)
ZERO LOAD = 1.4d = 2d lb. LOADED = 1.4d = 2d lb.		Range = 60 lb.	Range = 60 lb.

### SCALE TEST DATA

LBP / Section / Product Weight	Value of Test Weights Used	Errors +/-		LBP / Section / Product Weight	Value of Test Weights Used	Errors +/-	
		As Found	As Left			As Found	As Left
LBP #1	10,000 lbs		0	Section #1	20,000 lbs		0/-20
LBP #2	10,000 lbs		0	Section #2	20,000 lbs		0
LBP #3	10,000 lbs		0	Section #3	20,000 lbs		0
LBP #4	10,000 lbs		0	Section #4	20,000 lbs		0
LBP #5	10,000 lbs		0	Section #5	20,000 lbs		0
LBP #6	10,000 lbs		0	Section #6	20,000 lbs		0
LBP #7	10,000 lbs		0				
LBP #8	10,000 lbs		0	BC	0 lbs		0
LBP #9	10,000 lbs		0				
LBP #10	10,000 lbs		0				
LBP #11	10,000 lbs		0				
LBP #12	10,000 lbs		0				
BC	0 lbs		0				

### STRAIN LOAD TEST

Section (Increasing or Decreasing)	1 (I)	5 (I)	NA	Remarks (Include environmental conditions, if applicable.) Attach additional sheets as necessary.  Installed a new RLWS above ground truck scale with accessories. Calibrated and placed in service. ** Temporary Variance Permit #525 - Scale must be recertified in May & November of 2018 & 2019 to comply with and receive permanent variance for foundation style. **  New scale installed by Northwest Scale in March 2018. Concrete work completed by L2 Contracting. Setup with local and remote 920i digital weight indicators utilizing iQube2 intelligent junction boxes and a remote display.
Full Truck Weight	56,680	56,680	NA	
Test Weight	20,000	20,000	NA	
Empty Truck Weight	36,680	36,680	NA	
Errors	0	0	NA	
Physical Seal: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Electronic Audit Trail: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N			
Date: 2018 Type: Lead	Audit Trail Information: NA			
Meets tolerance 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	1637		Permit No.	
Operator Signature			Date	



