

Date 03/08/2016	PSC Device Code 3V7	No. of Sections 7	Complete each item with Y (Yes), N (No), or NA (Not Applicable)	
Name of Business Fairmount Minerals			<input type="checkbox"/> New Installation (w/ RFI Check)	<input checked="" type="checkbox"/> Performed Calibration
Mailing Address 6350 67th Ave NW Blaisdell ND 58718			<input type="checkbox"/> Modified Equipment	<input type="checkbox"/> Use as a Reference Scale
Device Location Fairmount Minerals - Blaisdell			<input type="checkbox"/> Replaced Existing Equipment	<input checked="" type="checkbox"/> Non-Commercial
City Blaisdell	State ND	Zip Code 58718	<input checked="" type="checkbox"/> Scale Indoors	
County Mountrail	Telephone Number 701-313-0218		<input checked="" type="checkbox"/> Variance Permit Posted; Expiration Date:	
Device Contact/Manager Bryan	Cell Number		<input checked="" type="checkbox"/> NA Stored/Recalled Weights meet NDAC 69-10-02-23 & 69-10-02-24	
Email Address			<input checked="" type="checkbox"/> NA Software is NTEP Approved	
			<input checked="" type="checkbox"/> NA Built-In Standards; Date Certified:	
			<input type="checkbox"/> Multiple Decks/Single Indicator	<input 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"/> NA Two-Way Audio Working
			<input checked="" type="checkbox"/> NA In response to PSC Quality Assurance Inspection	

Scale Information - North Cardinal - 007397

Scale Manufacturer Cardinal EPR	Indicator Manufacturer/Model Cardinal 225	Indicator Serial No. E19714-0098	Weighing Elements 14 Cell 75K DB-75000S
Capacity/Divisions/Units 160,000 x 20 lbs	Legible Label X Y _ N	Class IIIL	Printer Manufacturer/Model TM-U590
Deck Size 11' x 130'	Clearance (inches) 5"	Approach - 12' Concrete Level 10	Printer Serial No. J9SF010624
SR or Discrimination Test Zero Load = NA Loaded = NA	Motion Detection Range = 3d	Hard Surface Approach (Length/Slope/Condition) Now Paved	AZSM (Auto Zero) Range = 3d

Test Data

LBP / Section / Product Wt.	Value of Test Weights Used	Serial/Test Number	Errors +/-		LBP / Section / Product Wt.	Value of Test Weights Used	Serial/Test Number	Errors +/-	
			As Found	As Left				As Found	As Left
Description: Corner Test					Description:				
1	10,000 lbs		0/+	0	14	10,000 lbs		+20	0
2	"		0/+	0		BC=0			
3	"		0/+	0		Section			
4	"		0/+	0	1	20,000 lbs		+20	0
5	"		0/+	0	2	"		+20	0
6	"		+60	0	3	"		+80	0
7	"		+20	0	4	"		+20	0
8	"		+20	0	5	"		+20	0
9	"		+20	0	6	"		+20	0
10	"		+20	0	7	20,000 lbs		+20	0
11	"		+20	0					
12	"		+20	0		BC=0			
13	"		+20	0					

Strain Load Test

Section (Increasing or Decreasing)	Increasing 4	Increasing 6	Remarks (include environmental conditions, if applicable). Attach additional sheets as necessary. Inspected and tested North Cardinal truck scale, found scale to be running plus on all sections. Adjusted and calibrated scale as needed. Scale was also left "Non Commercial" and will be left up to the state is scale will be "Legal For Trade".
Full Truck Weight	59,840	59,820	
Test Weight	20,000	20,000	
Empty Truck Weight	39,820	39,820	
Errors	+20	0	
Physical Seal <input checked="" type="checkbox"/> Y _ N	Electronic Audit Trail: _ Y _ N		
Seal Date: 03/08/2016	Audit Trail Information:		
Seal Type: Lead			
Meets tolerances in PSC adopted NIST Handbook 44? _ Maintenance_ Acceptance _ Approved _ Rejected _ 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.			
<i>Cody Bennick</i>		1718	
Permit Holder Signature		Permit Number	
<i>Bennick</i>		03/08/2016	
Operator Signature		Date	

Date 03/08/2016	PSC Device Code 3V6	No. of Sections 6	Complete each item with Y (Yes), N (No), or NA (Not Applicable)	
Name of Business Fairmount Minerals			<input type="checkbox"/> New Installation (w/ RFI Check)	<input checked="" type="checkbox"/> Performed Calibration
Mailing Address 6350 67th Ave NW Blaisdell ND 58718			<input checked="" type="checkbox"/> Modified Equipment	<input checked="" type="checkbox"/> Use as a Reference Scale
Device Location Fairmount Minerals - Blaisdell			<input checked="" type="checkbox"/> Replaced Existing Equipment	<input checked="" type="checkbox"/> Non-Commercial
City Blaisdell	State ND	Zip Code 58718	<input checked="" type="checkbox"/> Scale Indoors	
County Mountrail	Telephone Number 701-313-0218		<input checked="" type="checkbox"/> Variance Permit Posted; Expiration Date:	
Device Contact/Manager Bryan	Cell Number		<input checked="" type="checkbox"/> Stored/Recalled Weights meet NDAC 69-10-02-23 & 69-10-02-24	
Email Address			<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	<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 - South Cardinal - 007396

Scale Manufacturer Cardinal EPR	Indicator Manufacturer/Model Cardinal 225	Indicator Serial No. E10515-0015	Weighing Elements 12 Cell 75K- DB-75000S
Capacity/Divisions/Units 160,000 x 20 lbs	Legible Label X Y _ N	Class IIIL	Printer Manufacturer/Model TM-U590
Deck Size 11' x 120'	Clearance (inches) 5"	Approach - 12' Concrete Level 10'	Printer Serial No. J9SF010651
SR or Discrimination Test Zero Load = NA Loaded = NA	Motion Detection Range = 3d		Hard Surface Approach (Length/Slope/Condition) 10', Now Paved
		AZSM (Auto Zero) Range = 3d	

Test Data

LBP / Section / Product Wt.	Value of Test Weights Used	Serial/Test Number	Errors +/-		LBP / Section / Product Wt.	Value of Test Weights Used	Serial/Test Number	Errors +/-	
			As Found	As Left				As Found	As Left
Description: Corner Test					Description: Section Test				
1	10,000 lbs			0	1	20,000 lbs			0
2	"		+20	0	2	"			0
3	"			0	3	"			0
4	"			0	4	"			0/-
5	"		-20	0	5	"			0
6	"		-40	0	6	20,000 lbs			0
7	"			0					
8	"			0		BC=0			
9	"			0					
10	"			0					
11	"			0					
12	10,000 lbs			0					
	BC=0								

Strain Load Test

Section (Increasing or Decreasing)	Increasing 4	Increasing 6	Remarks (include environmental conditions, if applicable). Attach additional sheets as necessary.
Full Truck Weight	59,820	59,820	<p>Had recently been at location and found South Cardinal truck scale to be fluctuating weight. Tested electronics and found corner six load cell (Digital lay out) to have a - Mvolt reading direct to indicator. Returned back to location with new load cell, replaced load cell as needed. Found Mvolts to be about +15 Molts coming from corner six reading through expansion board. Removed wires from expansion board and ohmed out, found mag ohm readings between signal wires indicated wires are starting to short. Also found +15 Mvolts coming from cell six terminal on expansion board. Removed load cell from expansion board and wired directly into summing board. Tried to protect cable and ran through conduit. Terminated as needed, when testing scale, found sections to be plus about 500 lbs on sections. Found that corner 11 +sig was not making connection due to sheathing. Terminated wire as needed, found weight to be much closer. Adjusted corners as needed, found scale to work well at this time. Scale was left "non commercial" as it had been red tagged by state and Bryan did not have</p>
Test Weight	20,000	20,000	
Empty Truck Weight	39,820	39,820	
Errors	0	0	
Physical Seal <input checked="" type="checkbox"/> Y _ N Electronic Audit Trail: _ Y _ N	Seal Date: 03/08/2016 Audit Trail Information:		
Seal Type: Lead			
Meets tolerances in PSC adopted NIST Handbook 44? _ Maintenance_ Acceptance			
_ Approved _ Rejected _ 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.			
Cody Bannick		1718	
Permit Holder Signature		Permit Number	
		03/08/2016	
Operator Signature		Date	

variance at this time. It will be left up to the state whether scale will be "legal for trade" or not. No as found readings were recorded as we had inaccurate weighing due to new load cell and wire not making connection on cell 11.