

Northwood Equity Elevator Co.

Northwood, North Dakota 58267

Telephone (701) 587-5291



October 25th, 2016

North Dakota Public Service Commission

State Capital 12th Floor

Bismarck, ND 58505-0480

Attention: Al Mock, Director or Kevin Hanson, Chief Inspector

701-328-2400, Fax 701-328-1506

Northwood Equity Elevator requests a permanent variance for ND Rule: 69-10-02-26 requiring a three foot clearance for a hopper scale. One corner of the scale has a one foot clearance, but it can be tested and passed inspection.

The reason for this request is because it is in an existing building, and the hopper scale can't be moved.

Scale manufacturer and type: Waconia

Indicator: Survivor 420-E 1A

Capacity: 20,000 X 10 lb

A handwritten signature in blue ink that reads "Scott Ostlie".

Scott Ostlie, Manager

Northwood Equity Elevator

PO Box 380

Northwood, ND 58267

701-587-5291

6 **WM-15-706** Filed: 10/27/2016 Pages: 3
Request for permanent variance permit

Grain - Seed - Fertilizer

Northwood Equity Elevator Company
Scott Ostlie, Manager



Prairie Scale Systems, Inc.
 PO Box 69
 Horace, ND 58047-0069
 (701) 281-9591 -- 1-800-282-9591



Service Order MC-101332

Billing Name: NORTHWOOD EQUITY ELEVATOR CO. Telephone: 701-587-5291, office Date: 10/14/2016
PO Box 380 600 Landers Ave NORTHWOOD ND 58267

Scale Location: **NORTHWOOD** State: **ND** PO #:
 Address: **PO Box 380 600 Landers Ave Northwood ND 58267**
 Make: **Waconia** Model: **Blender / Hopper** Type: **Ele. / 4 Cells**
 Indication **Survivor 420 HE** Ser.# **1724600006** Job:
 Printer: **None** Ser.#
 Other: **Variance 503** Ser.#

Work Completed

Semi-annual test as per the variance from ND weights and measures. Scale is to be tested in April and October. Scale was found in tolerance, no adjustments were made. Scale is approved.

Comments

Shop
 Truck
 Service Unit:
 Test Truck: **Unit# 950**

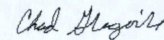
Materials

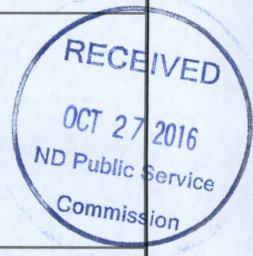
Quantity	Description
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Technician Signature:

Mark Cottrell  Chad Grunewald

Customer Signature





Date 10/14/2016	PSC Device Code 9A	No. of Sections 2	Complete each item with Y (Yes), N (No), or NA (Not Applicable)	
Name of Business NORTHWOOD EQUITY ELEVATOR CO.			<input type="checkbox"/> New Installation (w/ RFI Check)	<input type="checkbox"/> Performed Calibration
Mailing Address PO Box 380 600 Landers Ave NORTHWOOD ND 58267			<input type="checkbox"/> Modified Equipment	<input type="checkbox"/> Use as a Reference Scale
Device Location NORTHWOOD PO Box 380 600 Landers Ave			<input type="checkbox"/> Replaced Existing Equipment	<input type="checkbox"/> Non-Commercial
City Northwood State ND Zip Code 58267			<input type="checkbox"/> Variance Permit Posted; Expiration Date: 11/05/2016	<input type="checkbox"/> Scale Indoors
County Grand Forks Telephone Number 701-587-5291			<input type="checkbox"/> Stored/Recalled Weights meet NDAC 69-10-02-23 & 69-10-02-24	
Device Contact/Manager Scott or Orien Cell Number			<input type="checkbox"/> Software is NTEP Approved	
Email Address scottostlie@invisimax.com			<input type="checkbox"/> Built-In Standards; Date Certified:	
			<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 and Crush Strip Good	<input type="checkbox"/> Two-Way Audio Working
<input type="checkbox"/> In response to PSC Quality Assurance Inspection				

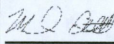

Scale Information - WACONIA 10 ton (inside) -011087

Scale Manufacturer WACONIA	Indicator Manufacturer/Model Survivor 420-E 1A	Indicator Serial No. 1724600006	Weighing Elements EL.
Capacity/Divisions/Units 20,000 x 10 lb	Legible Label X Y _ N	Class III	Printer Manufacturer/Model None
Deck Size Hopper	Clearance (inches) NA	Approach - 12' Concrete Level NA	Hard Surface Approach (Length/Slope/Condition) NA
SR or Discrimination Test Zero Load = Loaded =	Motion Detection Range = 1d	AZSM (Auto Zero) Range = Off	

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: Build Up Test					Description:				
TWts	Product		Readings	Error					
2500	-		2500	0					
0	-		0	0					
2500	4000		6500	0					
2500	8000		10,500	0					
2500	12,010		14,510	0					
2500	14,000		16,500	0					

Strain Load Test

Section (Increasing or Decreasing)	NA	Remarks (include environmental conditions, if applicable). Attach additional sheets as necessary.
Full Truck Weight		
Test Weight		
Empty Truck Weight		
Errors		
Physical Seal <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Electronic Audit Trail: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N		Semi-annual test as per variance #503. Scale is to be tested in April and October. Scale was tested past 80% of capacity. No adjustments were made. Scale is approved.
Seal Date: 10/14/2016 Audit Trail Information:		
Seal Type: Lead		
Meets tolerances in PSC adopted NIST Handbook 44? <input checked="" type="checkbox"/> Maintenance_ Acceptance <input checked="" type="checkbox"/> 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.		
 Permit Holder Signature	1514 Permit Number	
 Operator Signature	10/14/2016 Date	