



721 Middleton Ave  
Brandon, MB R7C  
1A8  
Phone: (204) 571-  
6722

## Farm Wagon Annual Visual Inspection Report

**Nutrien Ag Solutions**  
PO BOX 265  
NW21-34-29-W1 / Highway 83  
North  
Benito, MB  
R0L 0C0, Canada  
204-539-2255

### Inspection Information

**Job ID:** 32535  
**Date:** August 8, 2023  
**Job:** [3214](#)  
**ID:** 25373  
**Company:** Nutrien Ag Solutions  
**Location:** BRANCH 7089, PO BOX 265, Benito, MB  
**Inspector:** Roberds, Ronald

### Asset information

**Name:** N 1099  
**Tattle ID:**  
**Status:** In Service  
**Type:** Farm Wagon  
**Location:** BRANCH 1647, PO BOX 1589, Swan River, MB  
**Company:** Nutrien Ag Solutions

### Overview

Facility:	25-0829 (Brandon)
Has this unit been in service for the past year?:	Yes
Service:	NH3
Data Plate(s) are present and legible:	Yes
This inspection is conducted in accordance with:	CSA B620

### Associated Transports

**Fleet #:**  
**Engine Serial #:**  
**Chassis Serial #:**  
**Vehicle Identification Number (VIN):**  
**License Plate:**  
**Manufacturer:**  
**Engine Hours:**  
**Mileage:**

### Associated Vessels

**Vessel #1**  
**Serial Number:** 33573A  
**Fleet Number:**  
**TC Specification:** Exempt as per CSA B622 SR55  
**ASME Plate Location:** End  
**U Stamp** Yes  
**List Capacity:** 1500.00 USWG

**National Board Number:**  
**Provincial Number:**  
**Manufacturer:** Western Rock Bit Co. Ltd.  
**Year Built:** 1996  
**MAWP:** 265 psi  
**MDMT:** -20 F  
**CRN or TCRN:** E8048.234  
**Altered By:**  
**Diameter:** 49.000 in  
**Head Material:** SA455  
**Minimum Head Thickness:** 0.347 in  
**Shell Material:** SA455  
**Minimum Shell Thickness:** 0.349 in  
**headType:** Semi  
**Seam To Seam Length:** 166.000 in  
**This tank is constructed of:** NQT  
**PWHT:** Yes  
**PRV expiry:** 2027-07  
**Paint Grading:** 3 - Average - Slight fading/rubbing/few stone chips and marks/paint shine still good.  
**Assembler:** N/A  
**Certification Date:**  
**Lining:** N/A

Meters

There are no meters or registers registered to this asset

Associated Hoses

Serial #	Size x Length	Hose Type	Retest Date	Replacement Year	Test Pressure	HAWP
51110	1" x 9.00 feet	hose	2024	2028	420	350

External Visual Inspection (B620, Clause 7.2.1)

Vessel shell and head external condition; no corroded areas, dents, distortions, defects in welds, leakage, overlay patches or any unsafe condition that might render tank unsafe for service:	Acceptable
External coating condition:	3 - Average - Slight fading/rubbing/few stone chips and marks/paint shine still good.
Rear end protection :	Acceptable
Relief / side / rear valve guards :	Acceptable
Tank Fixed Liquid Level Valve operable and No leakage.:	Acceptable
Tank Level Gauge Legible and Undamaged:	Acceptable
Tank pressure gauge (0-400 psi) present, in good working condition, legible, & undamaged:	Acceptable
Tank securely mounted and tied down:	Acceptable

Piping

Valves / piping - external condition:	Acceptable
Hydrostatic relief valves and raincaps in place:	Acceptable

ACME couplings and dust plugs:	Acceptable
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## Relief Valve Information (B620, Clause 7.2.7.6)

Relief Valve Size, Make and SCFM on Unit:	3/4" Squibb 265psi SCFM 1937
Quantity of Relief Valves on Unit :	2
Relief Valve Size, Make and SCFM on unit if different from above:	NA
Quantity of Reliefs Valve on Unit - If different from above:	N/A
New or In Service:	In service
Valve expiry:	2027-07
Relief Valve Service Applicable For::	NH3 Only

## Wagon

Safety chains present, links properly rated, not corroded, cracked or damaged, safety chain hook and clevis:	Acceptable
Tire bolts / nuts in place and fully engaged:	Acceptable
Wheel hubs and bearings not cracked, damaged :	Acceptable
No structural defects, front axle, rear axle, frame, bunk, 5th wheel assembly, hitch assembly, cracks, corrosion, eye hole, elongation, frame attachments etc.:	Acceptable
Emergency water clean and full:	Acceptable
Safety kit present :	Acceptable

## Basic Leakage Test

Test medium:	Product Lading
Minimum test pressure (80% of MAWP, or 60 psi for LPG or NH3 service) Pressure applied for minimum of 5 minutes.:	Acceptable
Visual Inspection of External Leaks in Piping, Valves and Hoses:	Acceptable

## Decaling

All decals legible; no worn out or fading decals:	Acceptable
Product decals in place (Liquid, Vapor, ESO):	Acceptable
Anhydrous Ammonia Inhalation Hazard decal :	Acceptable
First Aid decals in place (NH3):	Acceptable
NH3 transfer Instruction decals in place:	Acceptable
Product decals on long sides:	Acceptable
NQT / QT decals in place:	Acceptable
Inspection decals in place and in correct order:	Acceptable
Slow moving vehicle orange triangle and Max 40KM/Hr. decal in place:	Acceptable
33km / Hr Decal installed on Twin Wagons:	N/A
Anhydrous Ammonia Inhalation Hazard decals Black and White Class 2.3 placard in place:	Acceptable

## Hose Assembly Inspection (B620, Clause 7.2.10.4)

Test Medium:	Water
Testing Pressure Applied for minimum 5 minutes:	Acceptable
No damage to hose cover, kinked, flattened, or permanently deformed wire braid, soft spots when not under pressure, bulges when under pressure, or loose outer covering, damaged, slipping or excessively worn hose couplings, loose or missing bolts on hose coupling assemblies:	Acceptable
Deteriorated legibility or absence of HAWP, Test date and Serial # on Hose tag:	Acceptable
Hose expiry date:	Acceptable
Hose end valve equipped with safety cage/ correct color:	Acceptable
Valve is color coded:	Acceptable
Hose assembly has hydrostatic protection:	Acceptable

## Close Out

NQT / QT:	NQT
Markings Applied to Vessel:	VK
Tank locally stress relieved after repair:	No
Tank was completely stress relieved at time of manufacture (PWHT):	Yes

Repairs were undertaken as described in this report:	No
Tank fully stress relieved after repair:	No
This cargo tank is removed from service:	No
Defects or damage was discovered and is described in this report:	No
This cargo tank is returned to service:	Yes
Month/Year:	2023-08

## Signatures



Roberds, Ronald

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## Defect Notes