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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: 25399
Company: Nutrien Ag Solutions
Location: BRANCH 7089, PO BOX 265, Benito, MB
Inspector: Roberds, Ronald

Asset information

Name: N 31478
Tattle ID:
Status: In Service
Type: Farm Wagon
Location: BRANCH 7089, PO BOX 265, Benito, 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

There are no transports registered to this asset

Associated Vessels

Vessel #1
Serial Number: W28D03877
Fleet Number:
TC Specification: Exempt as per CSA B622 SR55
ASME Plate Location: End
U Stamp No
List Capacity: 5500.00 L
National Board Number:
Provincial Number:
Manufacturer: Westeel
Year Built: 1996
MAWP: 1825 kPa
MDMT: -28 C
CRN or TCRN: A3591.4231

Altered By:
Diameter: 46.000 in
Head Material:
Minimum Head Thickness: 0.000
Shell Material:
Minimum Shell Thickness: 0.000
headType: Semi
Seam To Seam Length: 187.000 in
This tank is constructed of: NQT
PWHT: Yes
PRV expiry: 2026-08
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
55288	1" x 12.00 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

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:	2026-08

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

Defect Notes