



NATIONAL TRANSPORTATION SAFETY BOARD
Investigative Hearing

Norfolk Southern Railway general merchandise freight train 32N
derailment with subsequent hazardous material release and fires,
in East Palestine, Ohio, on February 3, 2023

GROUP	F
EXHIBIT	
10	

Agency / Organization

Equistar Chemicals LP

Title

**SHPX 211226 Loading Inspection,
January 24, 2023**

#2

BCO Services Railcar Loading and Off-Loading Inspection Form

Date:	1-24-23	DOT Spec. #	111510011	Safety Valve Test Due:	2026
Car Number	SHPx 211226	Car ID Legible:	<input checked="" type="radio"/> YES <input type="radio"/> NO	Tank Test Due:	2023
Product	EB	Total Gallons loaded on car:	24900	Service Equipment Due:	2026
From / To	4660	Stenciled Gallons on car:	25660	Railcar Load Limit:	205400

ITEMS TO BE CHECKED BEFORE LOADING OR OFF-LOADING

		YES / OK
1	Call in Railcar Number, the material to be loaded, and the loading spot to the Shift Leadman for Verbal Verification before connecting.	/
2	Hand brake set, chocks installed, and switch locked?	/
3	Truck Assembly: Springs, Truck Bolsters, Couplers, Wheels and Axles	/
4	Brake Components: Hoses, Air Valves/Handles, Piping, Brake Shoes, Hangers, Hand Brakes	/
5	Safety Appliances: Grab Irons/Handles, Ladders, Running Boards, Safety Platform/Railing	/
6	Tank/Shell Lower Section: Jacket, BOV Caps, Plugs, Chains, BOV Handle, Latch Pins, Brackets, Placard Holders, Check for Defect Card	/
7	Tank/Shell Upper Section: Checked all of the nuts and bolts (to make sure they can not be loosened by hand) on Rupture Disc, Vacuum Relief Valve, Dome/Lid Bolts (Make sure bolts are not galled and that the pins are in good shape on the safety bolts), Gasket Condition, Safety valve, Fittings Housing Cover, Air Inlet Valve, Siphon Tube Valve, Tank Interior Cleanliness, Tank Lining Condition, Stenciling (see diagram below) Notify UTLX of any loose bolts or nuts or any incorrect Stenciling and/or Magnetic Coverings.	/
8	Product Loading: Wash and/or flush required based on prior product load matrix? <input checked="" type="radio"/> YES <input type="radio"/> NO If YES - Wash completed? <input checked="" type="radio"/> YES <input type="radio"/> NO Flush completed if required? <input checked="" type="radio"/> YES <input type="radio"/> NO	
9	Raw Material Offloading: Approved COA indicated in Access database? YES/NO Railcar's safety seal numbers match numbers identified in Access database? YES/NO Grounding positively verified using lamps (required for alcohols and acetic acid)? YES/NO Pressure on nitrogen feed regulator to the railcar is not to exceed 15 PSI. Record gauge reading while offloading: <u>N/A</u>	
10	Ground cable secured on railcar	/
11	Railcar has been inspected and is approved for loading/off-loading: <u>[Redacted]</u>	

ITEMS TO BE CHECKED AFTER LOADING OR OFF-LOADING

		YES
11	If required, product sampled and properly tagged (If sampled, bottle was flushed several times before pulling the sample)	/
12	BOV Plug/Cap Gasket Inspected and Replaced if Necessary. BOV Plug/Cap Tightened Using at Minimum an 36" Pipe Wrench	/
13	BOV Closed, Sealed, and Pinned	/
14	Dome Lid Gasket Inspected and Replaced if Necessary. Dome Lid Secured and Sealed	/
15	Liquid Valve and Vapor Valve Closed and Plugged. All old teflon tape on plugs must be removed and replaced, plugs installed with a minimum 18" pipe wrench and securement chains are verified to be attached to all plugs and top of car.	/
16	Fitting Housing Cover Sealed	/
17	Product tags and new or unfaded placards applied if applicable	/
18	Was Vapor Space Pressured Purged 3 Times (Only Required for DBA,EBA) YES/NO Was a Nitrogen pad applied? <input checked="" type="radio"/> YES <input type="radio"/> NO	
19	Seal numbers: <u>878519, 878520, 878521</u>	
20	Ground cable removed. Loading arm secure. Loading platform secured to rack using the attached chains.	/
21	Access database properly updated with loading/off-loading information	/
22	All post loading or offloading requirements have been met and checked off by the Loader: <u>[Redacted]</u>	

Railcar Loader's Signature: [Redacted]

Placard #: 1993

23 Loading: Railcar has been inspected, seal numbers verified and is approved for shipping by the Shift Lead.
Offloading: Railcar has been verified secured and is approved for shipping by the Shift Lead.

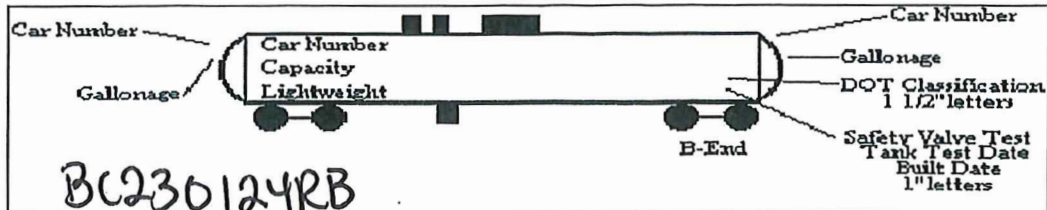
Shift Lead Signature: [Redacted]

COMMENTS:

Start - 2100
Stop - 2340

Notify UTLX of Incorrect Stenciling and/or Magnetic Covering

Stenciling Requirements



NOTE: NO LYB GP CARS SHOULD HAVE ANY PRODUCT NAME STENCILED ON THEM ANYWHERE. ONLY EO CARS WILL HAVE THE PRODUCT NAME ON THEM