

Sulfuric Acid Railcar Loading Checklist
EHSS- Phos Program – Railroads, Appendix G1

Railcar Number	Date Loaded	Product
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Place your initials in YES or NO columns when more than one loader. (Any NO means DO Not Ship)

BEFORE LOADING: INBOUND INSPECTION (Pre Load)	Acceptable?	
Per 49 CFR 173.31(d),(g) and BOE Pamphlet 34. Loader initials for this section →		
Car Preparation: (check YES or NO column after loader initials are entered)	YES	NO
DERAIL/TRACK SWITCH set? (BEFORE getting on top of a railcar)		
BLUE FLAG SIGN set? (BEFORE getting on top of a railcar)		
WHEELS CHOCKED? (Is Tank Car Properly chocked?)		
HANDBRAKE set?		
Tank disconnected from SHUTTLEWAGON?		
Verify Tank is for SULFURIC ACID service. SULFURIC ACID stenciled on both sides?		
Stenciling for TANK QUALIFICATION, TEST AND INSPECTIONS clearly marked on car?		
TANK QUALIFICATION, TEST and INSPECTION DUE DATES are ALL CURRENT? (If overdue DO NOT LOAD)		
Inspect car for INTEGRITY, VISIBLE DAMAGE or LEAKAGE? (Checks done, then YES) Check bottom washout flange for Corrosion, Sulfate buildup, loose or missing parts		
Inspect TANK SHELL and ENDS for obvious abrasions, corrosion, cracks, dents, defects (If any defects BAD ORDER the car) (Checks done, then YES)		
Is the car defect free? (No DEFECT/BAD ORDER card present)		
PLACARD HOLDERS (with like new/unfaded CORROSIVE 1830 PLACARDS in place?)		
DOUBLE SHELVE COUPLERS on both ends? (DSC in place on both A and B end?)		
SAFETY APPLIANCES (Equipment) free of defects? NO Missing or Loose Bolts or Nuts? Ladders, Running Board Grating, Handrails, Platforms, Steps, in good order?		
Rupture disc in good condition? (Inspect and then YES)		
Rupture disc assembly cover pin in place? (Reapply and then YES)		
Loading Dome (Manway Cover) gasket in good condition? (Inspect and then YES)		
Inspect Manway Cover Bolts. Ensure they are in good condition, including safety eyebolt.		
POST LOADING: OUTBOUND TANK INSPECTION	YES	NO
DOME GASKET and all BOLTS and NUTS present and in good working order? Manway bolts tighten in cross pattern sequence?		
SULFURIC ACID unloading cap, gasket and threads in good condition? (Inspect and then YES)		
SULFURIC ACID unloading cap in place, attached to railcar with chain, and tool tight?		
Manway and Rupture Disc Security Seals applied? Enter numbers?		
Was the car successfully pressure tested? At what pressure?		
After pressure test, was car depressurized? Air Valve is in CLOSED position?		
Air valve handle removed? (If railcar has protective housing leave air valve handle attached)		
Are all valves caps/plugs tool tight? All caps and chains (fasteners) in proper condition?		
Loading platform access raised and secured with chain?		
Was top of the railcar washed off thoroughly?		
Is car ready for shipment? If car was BAD ORDER document the reason		
Remarks:		
Loading Operator:		