

PPG INDUSTRIES, INC.
 TANK CAR QUALIFICATION PROGRAM
 FORM: HM-201-1 - TANK CAR QUALIFICATION FORM

ISSUED: July 2001

REV #: 2 REVISED: Sept 2008

Car Reporting Mark & #: PPGX 1702

D.O.T Specification: 105J500W

Location Performing Inspection: REDP

Is Car Insulated: Yes / No

Circle (if applicable): R-1: Yes / No

SS-3: Yes / No

R-2: Yes / No

NDE Drawing (if applicable)

Notes:

- 1) All inspections shall be performed in accordance with 49 CFR 180.509 and the tank car owner's re-qualification plan.
- 2) If defects are found, please see attached copy of AAR forms, R-1 and/or R-2, as applicable for additional detailed information on the repairs and procedures used.
- 3) The following NDE methods are authorized: Liquid Penetrant - PT, Magnetic Particle - MT, Ultrasonic Thickness - UTT, Ultrasonic Angle Beam - UT, and Visual Inspection - VT.

Inspection Area	1 st Inspection			2 nd Inspection		
	Date & Inspector's Initials	NDE Method	Pass / Fail	Date & Inspector's Initials	NDE Method	Pass / Fail
Structural Integrity Inspection						
Interior Fillet Weld Inspection Within 4 feet (each side) of the bottom longitudinal centerline.						
All Transverse Fillet Welds > 1/4"	05/19/2010 DAD	VT	PASS			
All Terminations of Longitudinal Fillet Welds > 1/4"	05/19/2010 DAD	VT	PASS			
Location & Description of Defects Found (if applicable):						
Exterior Fillet Weld Inspection Within 4 feet (each side) of the bottom longitudinal centerline.						
All Transverse Fillet Welds > 1/4"	5-19-10 JPH2	VT	PASS			
All Terminations of Longitudinal Fillet Welds > 1/4"	5-19-10 JPH2	VT	FAIL	6-18-10 S.W.B2	VT	PASS
Location & Description of Defects Found (if applicable): BL, BR - Pad to tank @ PAD term / AL, AR Pad to tank (Pad term) BL - Pad to sill / AL - Pad to sill BL - Pad to tank						
Shell Butt Weld Inspection Within 2 feet (each side) of the bottom longitudinal centerline.						
	05/19/2010 BAD	UT	PASS			
Location & Description of Defects Found (if applicable):						

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Shell Thickness Inspection						
To verify that the tank shell meets minimum shell requirements.	See Form HM201-3 The Service Life Thickness Inspection Form					
Visual Inspection						
Internal Inspection Of the tank shell and heads for abrasion, corrosion, cracks, dents, distortion, defects in welds or any other unsafe conditions.	05/19/2010 BAD	VT	PASS			
External Inspection Of the tank shell and heads for abrasion, corrosion, cracks, dents, distortions, defects in welds or any other unsafe condition, except where insulation or thermal protection precludes it.	5-19-10 JPH2	VT	PASS			
Location & Description of Defects Found (if applicable):						
Safety System Inspection						
Insulation / Thermal Protection System	NA	VT				
Head Puncture Resistance	NA	VT				
Coupler Vertical Restraint	5-19-10 JPH2	VT	FAIL	6-18-10 SWB2	VT	PASS
Bottom Outlet Valve (BOV) Protection	NA	VT				
Top Fittings Protection (Housing)	5-27-10 MPT	VT	PASS			
Location & Description of Defects Found (if applicable):						
B-END Coupler WM 82						

Supervisor: _____

T
Signature

Date: 5-19-10

Todd Bennett
Print Name