

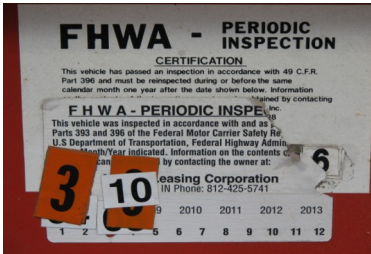
CCM Technical Maintenance Bulletin



Bulletin 05 - June 1, 2010

Reporting of Errors

Your help can improve this bulletin. If you find mistakes or you know of a way to improve the procedures, please let us know at mnr@ccmpool.com



All CCM repair vendors are required to comply with Safety & Security Regulations imposed by Terminal Operators where work is performed, in accordance with the License Agreement and Article 5.8 of the Form Agreement D.

Are you registered with DRS?

All truckers and depots are encouraged to register no later than June 1, 2010. For details visit us at www.chassis.com



This bulletin approved by:

James Reo
Director of Maintenance
320 Croft Crossing
Chesapeake, VA 23320

Phone: 757-613-2893
Fax: 757-842-6897
E-mail: jreo@ccmpool.com

Periodic Maintenance / FMCSA Inspections

Summary

CCM recently reviewed its Periodic Maintenance / FMCSA Inspection procedure to ensure compliance with revised 49 CFR and CVSA inspection requirements.

The revised FMCSA Form has been reviewed and accepted by CVSA as CCM's new Periodic Maintenance/FMCSA Inspection Form. This Bulletin is issued to notify maintenance vendors and pool management staff to discontinue the use of the old form. All mechanics performing repairs on CCM pool chassis should be briefed and properly trained to ensure compliance with this and all CCM publications.

Use of New FMCSA Inspection Form

The new form is to be used for all Periodic Maintenance / FMCSA Inspections. A signed copy is to be placed in the document holder upon completion of any new inspection. No changes to this form are authorized, with the following exception:

- The data portion of the form may be repositioned on the page as required to allow the addition of the logo or corporate identity of the repair vendor performing the service.

Any other changes or revisions this form must be requested in writing and sent to CCM M&R Department for consideration and approval.

In conjunction with the revision of the Periodic Maintenance / FMCSA Inspection form, CCM has also reviewed the task time allocations associated with the services requested. Please note that effective June 1, 2010 CCM will accept 1.5 MHR for the performance of Periodic Maintenance / FMCSA Inspection to include the following services:

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Periodic Maintenance / FMCSA Inspections

- Complete visual inspection of the chassis, to include inspection of conspicuity
- Complete lubrication of chassis to include:
 - ◇ Twist locks/securement devices
 - ◇ Landing gear
 - ◇ Brake cams
 - ◇ Slack adjusters
- Check and record brake stroke for all 4 wheels and adjust as needed
- Check, measure and record brake shoe thickness on all four wheels
- Charge and purge of air system (drain air tank)
- Initial check of ABS by test circuit (if equipped)
- Complete check of lighting system
- Replacement of reflectors as necessary
- Replacement of gladhand grommets as necessary
- Air Tires to 85PSI
- Check for proper documentation of chassis:
 - ◇ Current legible registration
 - ◇ Current license plate
- Completion of CCM Periodic Maintenance / FMCSA Inspection form
- Marking of next PM due date on front bolster per local pool instructions
- Application of applicable date decals to FMCSA inspection plate per local pool instructions

Any additional repairs identified as necessary as a result of this inspection are to be estimated and repaired separately per existing CCM tariff and local pool instructions.

FMCSA Intermodal Chassis Inspection Form

Date: <u> </u> / <u> </u> / <u> </u>	Location: _____	IEP: _____
Chassis # : _____	VIN # : _____	OWNER: _____
License Plate: _____	Expiration: _____	State Registered: _____

All inspection criteria derived from FMCSA CFR49 Part 396 and Appendix G subpart B

Component/System	OK	Defect	Repair	Description of Defect/Repair
BRAKE SYSTEM ABS Yes <input type="checkbox"/> No <input type="checkbox"/> ABS System Function	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Service brakes – no absence of braking action	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Inspect for Cracked, broken, missing, loose, deformed, brake parts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
No Audible air leaks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Inspect brake drums for external cracking or missing pieces	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Check and adjust travel on brake chamber - Maximum travel = 2" Measured Travel	L/F _____		R/F _____	L/R _____ R/R _____
Measure brake lining thickness Minimum Thickness = ¼" Measured Thickness	L/F _____		R/F _____	L/R _____ R/R _____
Inspect Brake hoses, tubing, air lines, couplings, fittings, gladhands and gladhand seals – NO kinks, or blockages. NO worn; frayed loose hoses or lines. NO hoses in contact with moving parts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Drain Air tanks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Suspension				
Inspect Ubolts; spring hangers; spring assemblies; leaves; torque radius or tracking components; axles or any other axle positioning parts. NO cracked; broken loose or missing parts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Coupling Devices				
Inspect Kingpin; upper coupler plate, slider, pintle hook; pintle hook latch; frame member providing support/attachment to pintle hook; fasteners; No broken or cracked components. NO cracked welds or parent metal. NO excessive wear or chipping of kingpin lip	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Locking Devices				
Inspect all twist locks, push pins, handles, and safety devices; NO cracked welds; NO ineffective parts; NO excessively worn, bent; broken or missing parts.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Slider Assembly (if equipped)				
Inspect for missing, broken, broken, damaged, binding, inoperative, worn, or cracked parts. NO damage or bends to slider stops. NO elongated slider lock apertures in frame. NO cracked, or improper welds to any components or parent metal.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Frame				
Inspect main rails, bolsters, crossmembers, ICC Bumper, Light boxes, mudflap hangers. No cracked welds or parent metal; NO broken, missing loose, sagging parts, no parts bent to affect mating of container to chassis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Landing Gear				
Inspect legs, sandshoes, mounting boxes, braces, cross shaft, and all mounting hardware; Check operation of landing gear in both directions. NO cracked welds or parent metal. NO broken, missing, or loose part or fasteners. All parts function properly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Electrical				
Inspect seven way, wiring harness, lighting devices and reflectors. No broken, inoperative missing or loose parts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Wheels & Rims				
Inspect all wheels, rims spacers and fasteners. NO bent, broken, cracked, improperly seated, sprung or mismatched parts. NO elongated bolt holes or stripped parts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Tires				
Inspect all tires for, noticeable leaks, proper mating;, separations; cuts through one or more ply of fabric; NO spot on tire with tread depth 2/32" or below when measured in major tread groove Air all tires to 85PSI (+-5PSI)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Lubrication				
Lube all fittings on landing gears, gear boxes, slack adjusters, brake cams, twist locks, pushpins, slider mechanisms and sub-frames, add oil to wheel hubs (if equipped with oil bath bearings)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Documentation/Misc.				
Check to ensure license plate is current, and that license plate, registration and chassis are properly matched. Ensure that current registration and copy of most current FMCSA inspection is in document holder. Update decal on inspection plate and any inspection markings on unit. Ensure unit number is clearly marked and are correct. Ensure that mudflaps. are intact and secured to chassis.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Comments	
This unit has been accurately and completely inspected on the date shown and any defective items repaired or replaced as required in 49CFR 396	
Date of Inspection	Company Performing Repairs
Inspector's Name (Print)	Inspector's Signature