

Association of American Railroads

S-477

Manual of Standards and Recommended Practices

MD02

**APPENDIX A
A GUIDE FOR SHOP CERTIFICATION INSPECTORS
FOR APPROVED CONTROL VALVES**

Name of Company: Company Name		
Location of Air Brake Shop: City, State		
Company Initials: Company Initials		
Shop Code Letters: Shop Code Letters		
Date of Inspection: Month, Day, & Year		
Type of Air Brake Valves Reconditioned: List type of valves		
Type of Inspection: List Type of Inspection Shop Approved <input type="checkbox"/> M-1003 Certified <input type="checkbox"/> Shop Disapproval <input type="checkbox"/> Recommend Follow-up Inspection <input type="checkbox"/>		
Company Representative(s): Name & Title		Name & Title
Inspector: Inspectors Name & Title		
The following items constitute general guidance for a shop inspector. The inspector must also ensure that control valve procedures are in compliance with the applicable shop maintenance manual.	Y E S	N O
1. Copy of Maintenance Instruction, latest revision is available and work is being performed in accordance with instructions? 2391, Sup. 3 & 4; NYR-429; NYR-332		
2. Copy of Test Instruction, latest revision is available at test rack and is being used? 5039-19, Sup. 1 & 2; NYT-1199-C; NYT-1200-C		
3. Copy of Gauge Instruction, latest revision is available as required, condemning gauges are available at appropriate locations and work is being performed in accordance with instructions? 2391, Sup.3; 2356-3, Sup. 1		
4. All cleaning and re-lubrication of valve portions is done at a suitable bench in a clean well-lighted location? 2391 Sup. 3 & 4; NYR-332; NYR-429		
5. Valve portions and parts are being adequately cleaned? 2391, Sup. 3 & 4; NYR-332; NYR-429		
6. Removable chokes are being removed for cleaning, new felt filters are being applied, and threads are lubricated for reapplication. 2391 Sup. 3; NYR-332; NYR-429		
7. Approved lubricants are being used? 2391 Sup. 3 & 4; NYR-332; NYR-429		
8. Approved thread sealant is being used within expiration date ? 2391 Sup. 3 & 4; NYR-332; NYR-429		
9. Modifications to control valves are being made in accordance with the maintenance instructions in Paragraph 2.2 above? 2391, Sup. 3 & 4; NYR-332; NYR-429		
10. Test racks are being properly tested in accordance with test specifications in Paragraph 2.3 above, and dates being tagged or stenciled on the rack? 5039-19, Sup. 1 & 2.		
11. An occasional retest and examination of valve portions is made to determine if portions have been properly tested and repaired. 5039-19, Sup. 1 & 2; NYT-1199-C; NYT-1200-C; NYT-1199-S; & NYT-1200-S.		
12. Is new rubber material being used? Are shelf life and storage requirements being met? Are rubber parts manufactured by an M-1003 certified facility? 2391, Sup. 3 & 4; NYR-429; NYR-332; FM 4.B.4		
13. Shop air supply is clean, dry and adequate?		
14. Observe that special tools being used are not damaging parts? 2391 Sup. 3 & 4; NYR-429; NYR-332		
15. Approved shipping covers being used? 2391, Sup. 3 & 4; NYR-429; NYR-332		

16. Stenciling of each portion shows shop and date portion was out-shopped? 2391, Sup. 3 & 4; NYR-429; NYR-332		
17. Pipe bracket strainers are new when shipping from shop? 2391 Sup. 3 & 4; NYR-429; NYR-332		
18. Approved emergency piston vent protector plug is being used? 2391 Sup. 3 & 4;		
19. Approved service portion release valve stem guard is being used? 2391 Sup. 3 & 4; NYR-429; NYR-332		
21. Are CID labels getting applied?		
20. Other, "See Exceptions"		

EXCEPTION STATUS

MAJOR	
MODERATE	
MINOR	