

- (4) Bearings.
- (5) Truck.
- (6) Underframe.
- (7) Wheels.
- (8) Yoke.

§ 215.305 Stenciling of maintenance-of-way equipment.

(a) Maintenance-of-way equipment (including self-propelled maintenance-of-way equipment) described in § 215.3(c)(3) shall be stenciled, or marked—

- (1) In clearly legible letters; and
- (2) In accordance with paragraph (b) of this section.

(b) The letters “MW” must be—

- (1) At least 2 inches high; and
- (2) Placed on each side of the car.

[44 FR 77340, Dec. 31, 1979, as amended at 45 FR 26711, Apr. 21, 1980]

APPENDIX A TO PART 215—RAILROAD FREIGHT CAR COMPONENTS

List of components whose use is restricted by § 215.203 of this part.

- A. Air brakes:
 - The “K” type.
- B. Axles:
 - 1. Former AAR alternate standard tubular type.
 - 2. Axle with letters “RJ” stamped on the end of the journal.
- C. Couplers:
 - 1. AAR type “D”, top or bottom operated.
 - 2. AAR type “E” with 5” by 7” shank.
- D. Draft arrangement:
 - 1. Miner FR-16 and FR-19-F draft gears.
 - 2. Farlow draft attachment.
- E. Plain journal bearings:
 - Cartridge type.
- F. Roller bearings:
 - 1. Nippon Sieko Kabushiki Kaish (NSK) size 6½” by 12” (marked “AAR 11”).
 - 2. Hyatt cylindrical bearing, all sizes (marked “AAR 2”).
 - 3. SKF “Piggybacker” spherical roller, size 6” by 11” (marked “AAR 7”).
- G. Trucks:
 - 1. Arch bar type.
 - 2. Truck with cast steel pedestal side frame, short wheel base, and no bolster.
- H. Truck bolsters:
 - 1. A bolster with one of the following pattern numbers listed according to manufacturer:

A.S.F.	Dresser (Symington)	Birdsboro	Lenoir car works
21183-B	BO 5234	1458	CS-184.

A.S.F.	Dresser (Symington)	Birdsboro	Lenoir car works
21183-N	BO 5263	1468	CS-611.
	BO 7076	1471	
21648-C	BO 7076-A		
22056-E	BO 7115		

- 2. Bolster cast before 1927.
- 3. Bolster without an identification mark or pattern number.

I. 1. Truck side frames:

A side frame with one of the following pattern numbers listed according to manufacturer:

A.S.F.	National castings	Buckeye	Dominion
7273	33793-1B	3-1776	TF-5100
7323	F-420	
21362 (cast prior to June 1941).			

Pittsburgh steel foundry	Scullin steel	Bettendorf	Canadian steel foundry
31673	42-CS-180	UT 456	26565
4-1862.			
3-1674	4665		
4-2045	4770		
12897	4942		
12921	5220		
21263	5364		
	5364-C		
	5364-E		
	5811-A		
	5869-B		
	6577-A		

- 2. Side frame cast before 1927.
- 3. Side frame without an identification mark or pattern number.
- 4. Side frame with an “I”, “T”, or “L” section compression or tension member.

J. Wheels:

- 1. Cast iron wheel.
- 2. Cast steel wheel marked “AAR X-2.”
- 3. Southern cast steel wheel manufactured before May 7, 1958.
- 4. Griffin, three-riser cast steel wheel, ball rim design, 70-ton capacity.
- 5. Griffin, three-riser cast steel wheel, two-wear, 70- and 50-ton capacity, 33 inch, (marked X-5 or CS-2).
- 6. Wrought steel wheel manufactured before 1927, as indicated by marking on wheel.
- 7. Cast steel wheel marked AAR X-4.
- 8. Davis cast steel wheel.
- 9. One-wear, 70-ton Southern (ABEX) U1 cast steel wheels dated May 7, 1958 through December 31, 1969.
 - A. Wheels dated May 7, 1958, to January 1, 1964, are marked with the symbol “70T” cast on the back of the wheel plate; they are not marked “U-1.”

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- B. Wheels dated January 1, 1964 through December 31, 1969, are marked with the symbols “CJ-33” and “U-1” or “70T” and “U-1” cast on the back of the wheel plate.
- K. Yokes:
 1. Riveted type.
 2. Keyless type.
 3. Vertical key type.

APPENDIX B TO PART 215—SCHEDULE OF CIVIL PENALTIES¹

Section	Violation	Willful violation
Subpart A—General:		
215.9 Movement for repair:		
(a), (c)	(¹)	(¹)
(b)	\$2,500	\$5,000
215.11 Designation of qualified persons	2,500	5,000
215.13 Pre-departure inspection	2,000	4,000
Subpart B—Freight Car Components:		
215.103 Defective wheel:		
(a) Flange thickness of:		
(1) 7/8" or less but more than 13/16"	2,500	5,000
(2) 13/16" or less	5,000	7,500
(b) Flange height of:		
(1) 1 1/2" or greater but less than 1 5/8"	2,500	5,000
(2) 1 5/8" or more	5,000	7,500
(c) Rim thickness of:		
(1) 1 1/8" or less but more than 5/8"	2,500	5,000
(2) 5/8" or less	5,000	7,500
(d) Wheel rim, flange plate hub width:		
(1) Crack of less than 1"	2,500	5,000
(2) Crack of 1" or more	5,000	7,500
(3) Break	5,000	7,500
(e) Chip or gouge in flange of:		
(1) 1 1/2" or more but less than 1 5/8" in length; and 1/2" or more but less than 5/8" in width.	2,500	5,000
(2) 1 5/8" or more in length; or 5/8" or more in width	5,000	7,500
(f) Slid flat or shelled spot(s):		
(1)(i) One spot more than 2 1/2", but less than 3", in length	2,500	5,000
(ii) One spot 3" or more in length	5,000	7,500
(2)(i) Two adjoining spots each of which is more than 2" but less than 2 1/2" in length	2,500	5,000
(ii) Two adjoining spots both of which are at least 2" in length, if either spot is 2 1/2", or more in length	5,000	7,500
(g) Loose on axle	6,000	8,500
(h) Overheated; discoloration extending:		
(1) more than 4" but less than 4 1/2"	2,500	5,000
(2) 4 1/2" or more	5,000	7,500
(i) Welded	5,000	7,500
215.105 Defective axle:		
(a)(1) Crack of 1" or less	2,500	5,000
(2) Crack of more than 1"	5,000	7,500
(3) Break	6,000	8,500
(b) Gouge in surface that is between the wheel seats and is more than 1/8" in depth	2,500	5,000
(c) End collar with crack or break	2,500	5,000
(d) Journal overheated	5,000	7,500
(e) Journal surface has: a ridge; a depression; a circumferential score; corrugation; a scratch; a continuous streak; pitting; rust; or etching	2,500	5,000
215.107 Defective plain bearing box: general:		
(a)(1) No visible free oil	1,500	3,000
(2) Lubricating pad dry (no expression of oil observed when pad is compressed)	5,000	7,500
(b) Box lid is missing, broken, or open except to receive servicing	1,000	2,000
(c) Contains foreign matter that can be expected to damage the bearing or have a detrimental effect on the lubrication of the journal and bearing	2,500	5,000
215.109 Defective plain bearing box: journal lubrication system:		
(a) Lubricating pad has a tear	1,000	2,000
(b) Lubricating pad scorched, burned, or glazed	2,500	5,000
(c) Lubricating pad contains decaying or deteriorating fabric	2,500	5,000
(d) Lubricating pad has an exposed center core or metal parts contacting the journal	2,500	5,000
(e) Lubricating pad is missing or not in contact with the journal	5,000	7,500
215.111 Defective plain bearing:		
(a) Missing	5,000	7,500
(b) Bearing liner is loose or has piece broken out	2,500	5,000