

**THE AMERICAN RAILWAY ENGINEERING AND MAINTENANCE OF WAY
ASSOCIATION**

Committee: 4 (Rail), **Subcommittee:** 1 (Welding of Rail)

Letter Ballot Number: 04-22-01

Assignment: None

Explanation of Ballot:

This ballot would change sections 3.11.3.5b, and 3.11.4.1b. The sections that have been **changed** are identified on this ballot.

3.11.3.5 Finish Grinding

b. When finish grinding must be done at ambient temperature, care must be taken to avoid grinding burns and metallurgical damage. **If questionable, a sample shall be removed from the section in question and prepared by standard metallographic procedures to examine for martensite. No surface martensite from grinding is allowed.**

3.11.4.1 Electrode Contact Areas

b. **Visually inspect the electrode contact areas for electrode burns. Evidence of displaced metal confirms an electrode burn. Rails showing evidence of electrode burns shall be rejected. If questionable, a sample shall be removed from the section in question and prepared by standard metallographic procedures to examine for martensite. No surface martensite from electrode burns is allowed.**