

AAR Manual of Standards and Recommended Practices
Wheels and Axles

M-107/M-208

WHEELS, CARBON STEEL

**Specification
M-107/M-208**

Adopted: 1962; Revised: 1994, 2004

9.3.3 Average and worst field area percentage oxides, voids, and sulfides will be recorded. The AAR shall be advised quarterly when the six samples representative of the heat tested average more than 0.100% oxide plus voids or the worst field area percentage of any one sample is more than 1.0% oxide plus voids. If AAR is advised in two successive quarters, the provisions of AAR *Manual of Standards and Recommended Practices*, Administrative Standards, Standard S-060, paragraph 5.3, shall apply. In such cases, a special facility inspection may be required to demonstrate that the root cause has been identified and addressed.

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WHEELS, CARBON STEEL

**Specification
M-107/M-208**

Adopted: 1962; Last Revised: 2012

9.3.3 Effective January 1, 2008, average and worst field area percentage oxides, voids, and sulfides will be recorded. The AAR shall be advised quarterly when the six samples representative of the heat tested average more than 0.100% oxide plus voids; or the worst field area percentage of any one sample is more than 0.750% oxide plus voids; or 0.750% sulfides. If AAR is advised in two successive quarters, the provisions of AAR *Manual of Standards and Recommended Practices*, Administrative Standards, Standard S-060, paragraph 5.3, shall apply. In such cases, a special facility inspection may be required to demonstrate that the root cause has been identified and addressed.