AREMA® C&S Manual

2025 Part 15.1.1

Recommended Developmental Criteria for Gray Iron Castings Revised 2025 (1 Page)

This Manual Part recommends developmental criteria for gray iron castings conforming to ASTM International Standard A48/A48M-22 Standard Specification for Gray Iron Castings.

The following classifications and minimum tensile strength requirements are recommended for signal purposes:

CLASS NO.	TENSILE STRENGTH
	minimum lb/in²
20	20 000 (138 MPa)
25	25 000 (172 MPa)