

Part 642 – Specifications

Chapter 3 – National Standard Material Specifications

Material Specification 554—Steel Pipe

A. Scope

This specification covers the quality of steel pipe and fittings.

B. Pipe

Steel pipe must conform to the requirements of the applicable specification listed below for the kind of pipe and the type, weight, grade, and finish specified:

Pipe	ASTM specification
Steel, black and hot-dipped, zinc-coated welded and seamless	A53
Steel, electric-fusion (ARC)-welded (sizes NPS 16 and over)	A134
Electric-resistance-welded steel	A135
Electric-fusion (ARC)-welded steel (NPS 4 and over)	A139
	AWWA standard
Steel water pipe, 6 inches and larger	C200

C. Fittings

Fittings must conform to the requirements for the types and kinds specified:

Fittings	ASTM specifications
Heat-treated carbon steel fittings for low-temperature and corrosive service	A858
Threaded couplings, steel, black or zinc-coated (galvanized) welded or seamless, for use in steel pipe joints	A865