Where carbon steel appears in pipe and tube specifications

Carbon Steel for Industrial Pipe and Tube

Product / specification	Primary focus	Selection note
ASTM A106	Seamless pipe for high-temperature service	Grade B is common; final use is governed by design code and service conditions.
ASTM A53	General-purpose black or galvanized pipe	Manufacture and application should not be assumed identical to A106.
API 5L	Line pipe	PSL level, grade and pipeline requirements govern.
ASTM A333	Low-temperature pipe	Toughness and impact requirements are part of selection.
ASTM A179 / ASTM A192	Heat-exchanger and boiler tube	Tube dimensions and product requirements differ from pipe.

Source / basis: https://niktrd.com/carbon-steel