

Families that may be compared and the review focus

standard-comparison-table

Product / service area	American family	European / international family	Main review focus
Seamless carbon-steel pipe for high-temperature service	ASTM A106	EN 10216-2; non-alloy grades such as P235GH / P265GH depending on project	Product scope, design code, design/metal temperature, dimensions and testing
Line pipe	API 5L	ISO 3183 / L designation	PSL, grade, manufacture, toughness and service
Heat-exchanger tube	ASTM A179 / ASTM A213	EN 10216-2; including P235GH and alloy grades as service requires	Equipment duty, material/grade, OD/WT, surface condition, heat treatment and testing
Boiler / superheater tube	ASTM A192 / ASTM A210 / ASTM A213	EN 10216-2; grade selected by temperature/material / legacy DIN names	Metal temperature, pressure, creep, heat treatment and design code

Source / basis: <https://niktrd.com/standard-comparison-table>