Move from service requirements to the correct product specification and grade

Alloy Steel for Pipe and Tube: Grades, Properties and Applications

Group / example	Main role	Example product specification	Related guide
Cr-Mo low alloy	Elevated temperature / creep / oxidation	ASTM A335 Pipe / ASTM A213 Tube	Chrome-Moly Steel
Modified 9Cr	Higher creep strength with tighter fabrication control	P91 / T91 in governing specs	Chrome-Moly Steel
Ni-bearing low-temperature alloys	Low-temperature toughness	Grade/product dependent	Low-Temperature Steel
Stainless / high alloy	Corrosion and selected temperature duties	Independent group with its own corrosion and product-standard requirements	Stainless Steel

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