

ASTM Carbon Steel Materials for Project Matching

Project material package summary prepared in Octal Pipe technical document style.

Material / Standard	Project Matching Role
ASTM A106 Gr.B seamless pipe	Supplied for carbon steel pipe runs where pressure service and material traceability were required.
ASTM A234 Gr.B fittings	Used for direction change, size transition and branch connection points in the piping system.
ASTM A105 forged flanges	Supported bolted connections in the piping assembly.
ASTM A193 Gr.B7 / ASTM A194 Gr.2H fasteners	Supplied for flange assembly and bolting match-up.
ASTM A516 Gr.70 plate	Used for saddle supports and related support components.

Document focus

The listed ASTM materials should match the intended function in the project package so that pipe, fittings, flanges, fasteners and support components remain technically aligned during installation.