Technical decision sequence

MANIK TRADING technical reference table

Stage	Input	Output
1. Design	Fluid, P, T, loads and corrosion	Design basis and code
2. Material family	Temperature, corrosion, toughness and weldability	Carbon/alloy/stainless
3. Product	Pipe/tube, SMLS/welded and standard	ASTM/API/EN specification
4. Dimensions	Wall calculation plus allowances	NPS/OD and WT/Schedule
5. Conformance	Tests, MTC, NDT and PMI	Inspection and certification plan

Source / basis: ASME Codes & Standards — piping design framework