Grade B comparison without false equivalence

MANIK TRADING technical reference table

Check	A106 Grade B	A53 Grade B
Minimum yield strength	240 MPa	240 MPa
Minimum tensile strength	415 MPa	415 MPa
Available manufacture	Seamless	Type S seamless or Type E welded
Galvanized supply	Not the specification's defining scope	Explicitly within scope
Engineering conclusion	Equal YS/TS is insufficient	Type, tests and order conditions must match

ASTM source / basis: ASTM International — ASTM A106/A106M-26; ASTM A53/A53M-24.