



**BS 1501 PART2 271 steel plate/sheet for boiler steels**

271 steel plate/sheet, BS 1501 PART 2 271 steel plate/sheet, under BS 1501 PART 2 standard, we can regard 271 steel plate/sheet for boiler steels.

271 steel plate/sheet is one mainly of Steel for boiler steels. BS 1501 PART 2 271 steel is mainly used for Petroleum, Chemical Factory and the Boilers domains. They also are made the Reactor, Heat Exchanger, Separator, Spherical Tank, the Tank of oil gas, Nuclear reactor pressure shell, High-pressure water pipe, Turbin shell and other equipments equivalent to DIN17155 15Mo3 and UNI5869 15Mo3, 15D3 (NFA 36205) and ASTM A204Gr.B.

271 BS 1501 PART 2	Comparision of steel grades	
	AFNOR 36206	18 MD 4.05
	MNC830E	22.16.04
	JIS 3103	450M
	BS 1501 part 2	271
	ASTM	A202 gr. A,B

Chemical Composition of 271 steel

Grade	C. max	Mn.	S.	N	Cu	Si.	P.	Cr.	Ni.	Mo.
271	0.12-0.2	0.40-0.90	0.01	0.012	0.30	0.35	0.025	0.30	0.30	0.25-0.35

Mechanical Propertites of EN 271 steel

Grade	Tensile Strength (Mpa)	Yield Strength (Mpa)	Elongation in 100-150 mm(%)	Elongation in 16 mm(%)	Max Thickness (mm)
271	440-590	220-275	19	24	250

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