



MNC830E 22.16.04 steel plate/sheet for boiler steels

22.16.04 steel plate/sheet, MNC830E 22.16.04 steel plate/sheet, under MNC830E standard, we can regard 22.16.04 steel plate/sheet for boiler steels.

22.16.04 steel plate/sheet is one mainly of Steel for boiler steels.MNC830E 22.16.04 steel is mainly used for Petroleume, 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.

22.16.04 MNC830E	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 22.16.04 steel

Grade	C. max	Mn.	S.	N	Cu	Si.	P.	Cr.	Ni.	Mo.
22.16.04	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 22.16.04 steel

Grade	Tensile Strength (Mpa)	Yield Strength (Mpa)	Elongation in 100-150 mm(%)	Elongation in 16 mm(%)	Max Thickness (mm)
22.16.04	440-590	220-275	19	24	250

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