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Henan BEBON international co.,ltd**JIS 3103 490 M steel plate/sheet for steel with Cr., Mo, Cr-Mo steels for pressure vessels**

JIS 3103 490 M steel plate/sheet, JIS 3103 490 M steel plate/sheet, under JIS 3103 standard, we can regard 490 M steel plate/sheet for steel with Cr., Mo., Cr-Mo steels which is used for pressure vessels.

JIS 3103 490 M steel grade is a kind of steel which with Cr., Mo., Cr-Mo and mainly used for pressure vessels. The steel grade 490 M is according to JIS 3103 standard which with the yield strength of 242MPa. The followings are the chemical composition and mechanical properties of JIS 3103 490 M steel plate.

The chemical composition of steel JIS 3103 490 M steel by [%]

Grades	C max	Mn max	S max	P max	Si	Cr	Ni	Cu	Mo	Nb+V+Ti
490 M	0.18	0.90	0.035	0.035	0.15-0.40	-	-	-	-	-

Mechanical properties of JIS 3103 490 M steel

Grade	Permissible yield point ratio	Yield Strength MPa(min)	Tensile Strength MPa	Elongation % (min)
490 M	-	255	450-585	23

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