BS 1501-161-430 AB Boiler, Pressure Vessels and Chrome Moly Steels

Reliable's standard range of boiler and pressure vessel quality steel plate includes the following specifications

BS 1501-161-430 AB

BS 1501-224-490B LT50

BS 1501-223-490B LT50

BS 1501-225-490B LT50

ASME SA 516 Grade 6065

ASME SA 516 Grade 70

DIN 17155 HII

ASTM A 285 Grade C

BS EN 10207 SPH 265

BS EN 10028 P265 GH

BS EN 10028 P355 NL1

BS EN 100028 - 3 1993 P460 NL1

Impacts @ -50 deg. C, 3.1.c,

Pressure Vessel material suitable for road tankers

Boiler & Pressure Vessel Steels are supplied as follows

In standard & non standard sizes

Thickness tolerance to EN 10029 Class C

Fully weldable

All material fully certified to EN 10204 3.1b or 3.1c as required

Multi grade certification

NACE hardness to MR 0175

Additional testing services (NAMAS approved test houses)

HIC to NACE Specifications

Simulated PWHT testing available

Through thickness tensile testing

Impact testing

A full cutting and profiling service is available

Supply Condition

Normalised

Pressure Vessel Chrome Molybdenum Alloy Steel

Standard range of Chrome Moly Alloy steels includes the following specifications

BSEN10028-2 16M03 0.25% - 0.35% moly - Working temp up to 500oC

ASTM A387 Grade 12 Class 2, 1% chrome - 12% moly - Working temp up to 560oC

Dual certified to BSEN10028-2 13CRM045

ASTM A387 Grade 11 Class 2, 114% chrome - 12% moly - Working temp up to 575oC

ASTM A387 Grade 22 Class 2, 214% chrome - 1% moly - Working temp up to 600oC

Dual certified to BSEN10028-2 10CRM0910

ASTM A387 Grade 5, Class 2, 5% chrome - 12% moly

ASTM A387 Grade 91, Class 2, 9% chrome 1% moly

Molybdenum Vanadium Steel Plate

A quality normalised and tempered material for steam turbine diaphragms and associated uses within the power generation industry.

Size Range - 20mm thick up to 400mm thick in plate sizes as required.

If you have any other requirement for steel plate, please feel free to contact us.