

CARBON STEEL PLATE SA 516 / SA 516 /M Grade 70

Description :-

Carbon steel plate for pressure vessels for intermediate and low temperature service according to ASME , Boiler & Pressure Vessels Code Section II Part A 2010 SA 516 / SA 516 /M Grade 70 .

General Requirement :-

- 1- Plate furnished under this specification shall conform to applicable requirement of the current or last edition of specification SA20/SA20M .
- 2- The steel plate shall current to the product analysis to the requirement prescribed in APPENDIX (1) (attached) subject to the product analysis tolerances in specification SA20/SA20M .
- 3- Tensile requirement shall conform to the requirement prescribed in table (2) (attached) .
- 4- All plate must be supply from factory ,including factory stock .
- 5- Hot rolled / not from coil , fully killed , fine grain / austenitic grain number of 5 or higher.
- 6- Normalized and stress relieved ,free of lamination .
- 7- Ultrasonic Examination according to (A435 / 435 M) Product Analysis (SA20/SA20 M) S2.
- 8- All plates supplied with(Mill Test certificate) .
- 9- All plates shall be painting with coat film both sides to resist lunching corrosion and weather condition .

SUPPLEMENTARY Requirement :-

The plate shall be ultrasonic examined accordance with requirement specified on the order A516/ A516M(S8). AND ACCORDING TO APPENDIX 2.

Packing & Marking :-

According To ASTM A700 and stamped (Heat No., Material , Origin , Dimension) and must be stamp on plate two both side symmetrical .

Delivery Requirements :-

For surface condition according to (EN 10163-1,10163-2) of Hot Rolled Steel Plate , Wide Flat , Section.

MILL TEST CERTIFICATE

All material supplied with mill test by third party according to en 10204/3.2 (three copies) in English language , and approved by the third party inspector and consist of all the result details. ,and all ~~tests~~ should be manufacture brand new in work shop specified at all test. *plate*