SA516 Grade70 STEEL PLATE

1. UNITEDSTEEL holds large stocks of plates certified to ASTM A516 Gr. 70 and ASME SA516 Gr. 70 in its warehouse. A range of specially manufactured hydrogen induced crack resistant steel in SA / A516 Gr. 70 HIC is also available from stock. These are steel specifications that are at the core of our range and we consider ourselves to be experts in these products.

Why not put us to the test? Please contact us with your technical questions and your buying enquiries.

We are also stockists of plates manufactured and certified to:

ASTM A516 Grade 65/ ASME SA516 Grade 65

ASTM A516 Grade 60/ ASME SA516 Grade 60

2. The A516 / SA516 standard, its full name is “Standard Specification for Pressure Vessel Plates, Carbon Steel, for Moderate- and Lower-Temperature Service”, could almost be described as the default material specification for pressure vessel applications particularly outside of Europe and it is widely used by designers and engineers in many market sectors. You may also see the following variations:

ASTM A516 Grade 70N or ASME SA516 Grade 70N (the “N” is added to show that the steel is normalise)

ASTM A516M or ASME SA516M (the “M” indicates that the material is certified in metric units)

3. Although it is not uncommon to see this on steel company web sites, any suggestion that one steel specification and grade is an equivalent to another should be treated with caution especially because of differences in the methodology and techniques used for testing. However ASTM A516 Gr. 70 and ASME SA516 Gr. 70 are broadly similar to the following steel specifications:

EN 10028:3 P355 BS 1501 224 490

Plates certified to these standards are held in stock

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