



# United Steel Pte Ltd

6 Tuas West Street, Singapore 637442  
Tel No.: +65 6558 7588 Fax No.: +65 6558 7008

We stock mainly HR Plates of SA516 Gr.70N, EH 36 and S355 grades at all times. Coupled with our 4 units of CNC Plasma/Oxy Fuel cutting machines, we have the capability to meet our customers' requirement with greater efficiency and lead time.

## ABS EH36 / DNV E36 PLATES

Primarily used in shipbuilding / repair and other marine applications. It's high strength characteristics is most suitable to service the structural requirements of ships, barges and other types of marine equipment.

## EN 10025-2 S355

Is a non-alloy European standard structural steel, most commonly used for applications when more strength is required. It offers great weldability and machinability.

## ASME SA516 /ASTM A516 BOILER PLATES

Used in the Oil & Gas, Petrochemical and Energy sectors, for Boilers, Heat Exchangers and Pressure Vessels. It is excellent for moderate to low temperature service range while offering massive tensile strength.

All our SA516 / ASTM A516 Boiler Plates are ordered with Normalized condition. Normalizing is a type of heat treatment applicable to ferrous metal. The purpose of normalizing is to relieve internal stress in the steel thus improving its ductility and toughness.

A list of other standardized supplementary requirements, at the option of the buyer, are listed below:

- Charpy V-Notch Impact Test.
- NACE MR 0175/ISO15156 (Hardness Guarantee Only)
- Vacuum Degassing Process
- Ceq (Long) =  $C + Mn/6 + (Cr+Mo+V)/5 + (Cu+Ni)/15$  max 0.43%
- Complying to EN 10204 3.2
- Ultrasonic Test

## AVAILABILITY OF SIZES

We offer an extensive range of thicknesses ranging from 9.53mm to 250mm thickness.

We have the means to supply in mostly all shapes eg. Rectangular/Square Plates, Circle Plates, Circle Rings and Profile Cuts/Shapes.

## CNC CUTTING MACHINE

	CUTTING TORCH	CUTTING THICKNESS	CUTTING DIMENSION
MACHINE 1	2 OXY	40MM TO 400MM CARBON STEEL	MAX. 3.5M X 7M
	1 PLASMA HYPER THERM HT2000	3MM TO 40MM CARBON STEEL  3MM TO 50MM STAINLESS STEEL	
MACHINE 2	2 OXY + BEVELING/CHAMFERING	40MM TO 300MM CARBON STEEL	MAX. 3.5M X 12M
	1 PLASMA HYPER THERM HPR260	3MM TO 50MM CARBON STEEL	
MACHINE 3	2 OXY	40MM TO 300MM CARBON STEEL	MAX. 3.5M X 9M
	1 PLASMA HYPER THERM HPR260	3MM TO 50MM CARBON STEEL	
MACHINE 4	1 OXY	40MM TO 300MM CARBON STEEL	MAX. 3.5M X 9M
	2 PLASMA KJELLBERG FINSTERWALDE PA-S75CNC/S	3MM TO 150MM STAINLESS STEEL	
	WATER CHILLER DELTATHERM 53804 MUCH GERMANY		