



“

SHAPING SKYLINES
BUILDING DREAMS



YOUR
STEEL SOLUTIONS
PARTNER
”

ABOUT US

STEEL EXCHANGE HOUSE, is one of the largest stockiest & distributor of Iron & Steel Products with a business experience of over 4 decades. We are authorised dealer of JSW STEEL dealing with Hot Rolled Coils, HRPO Coils & Cold Rolled Coils and stockist of HR/MS Plates of all sizes & various structural items like Angles, Channels & Beams from SAIL, RINL, JSPL and other secondary manufacturers.

HOT ROLLED STEEL



HOT ROLLED STEEL (HR) also widely known as carbon steel or mild steel is a steel which is typically roll – pressed at very high temperatures over 1,700°F, which exhibits greater formability & workability. Hot Rolled Steel grade are to be classified by the following groups.

- Low-carbon or mild steel contains 0.3% or less carbon by volume.
 - Medium-carbon steel contains 0.3% to 0.6% carbon.
 - High-carbon steels contain more than 0.6% carbon.
- (From 1.6 mm to 25 mm from 900 mm to 2000 mm width and above and length as per standard form or customization)

COLD ROLLED STEEL



COLD ROLLED STEEL (CRCA) is made from hot - rolled steel that has been through additional processing steps, Such as pickling, cold rolling, and annealing. This makes it much harder than mild steel & gives it a better surface finish. cold rolled steel is used for applications in which dimensional tolerances, strength & surface finish quality are critical.

(From 0.3 mm to 3.15 mm as per width from 900 mm upto 1800 mm width and length as per standard form or customization)

STRUCTURAL STEEL



STRUCTURAL STEEL is a category of steel used for making construction materials in a variety of shapes. Many structural steel shapes take the form of an elongated beam having a profile of a specific cross section. Structural steel is 100% recyclable and one of the most reused materials in the world. Steel can be classified as carbon steel, high-strength low-alloy (HSLA) steel, heat-treated carbon steel, and heat-treated constructional alloy steel.

GRADE AND THEIR APPLICATION

IS 2062 GRADE E250 A/Br/C

Structural & General Engineering

IS 5986 Grade Fe – 330,360, 410,510,570

Flanging and Forming Purpose

API 5L Grade A,B, X42, X46, X56, X60, X65

Oil & Gas Pipeline, Off Shore Structures

SUMIHARD, NICRODUR, WELTE, ABREX, ROCKSTAR, ROCKHARD

Wear Resistant Plates used for mining & Truck bodies and agriculture equipment's

IS 10748 Grade 1,2,3,4

Pipes and Tube Manufacturing

IS 2002 Gr 2, IS 2041, ASTM SA516 Grade 60,65,70, IBR Certification

Boiler and Pressure vessel manufacturing

EN 8, EN9, EN24, EN19 – Low alloy Steel

Aerospace & die casting industry

IS 3502 Chequered

Commercial and Industrial Flooring

IS 513 Grade D,DD, EDD

Deep drawing for auto and ancillary sector

IS 277, JIS G3302, ASI397, EN10327, ASTM A653

Galvanized Steel for structural and general forming.

IS 2062 Grade E300, E350, E410, E450 A/Br/C

High Tensile Engineering

SAIL HARD, UTTAM HARD, Tiscral

Abrasion Resistant, Conveyer belts

A, B, D, E, AH32, AH36, AH40, DH32, DH36, DH40, FH32, FH36, FH40, 2HCR50 In ASTM A131 and API standard.

Ship building

IRSM 41/Corten Steel A/SailCor with Copper

Corrosion Resistant for Railway coaches

IS 6240/2008

Manufacturing of LPG Cylinder

IS 3443 CR80, CR 100

Crane Rails

E34, E38, BSK 46

Engineering for Automobile Component

IS 5986 FE – 330,360,410,510, 570FE 500, FE550D, CRS TMT

Reinforcement steel used for construction

SAE 1006, SAE 1018, SAE1030, SAE 1046, SAE 1055, SAE 1060

Low, Medium & High Carbon Grade for axels, gears, crankshafts and other cutting tools





Authorised Dealer : **JSW Steel**

Steel Exchange House

We Also Deal In



Office Address

4J, 4th Floor Mount Chambers, 52/758 Vasan Avenue,
Anna Salai - Chennai - 600 002.

Godown Address

145 Sadayankuppam village, Manali, Chennai - 600 103.

Email - info@sehchennai.in | Landline - 044-42358910

GST - 33ABHFS4104P1Z0