



LTK STEELS

LTK STEELS



"One Stop Solution for Steel Buying"

About Us

LTK Steels offer a wide range of Steel products ranging from Structural Steels, Steel Plates including special quality plates such as Boiler Quality, High Tensile, Stainless Steel etc., CR, GI & HR Sheets, Round Bars, Reinforcement Bars (TMT), Square & Round Pipes/Tubes, Steel wire, Fasteners, to Roofing Sheets along with its accessories.

We are Stockiest, Importer & Supplier of Different types of Steel Raw Materials, with its wide range of Products. Our company has responded to all & every need of industry with most competitive price & Favourable terms.

LTK Steels deals in all types of metal products that are required for efficient functioning of different machinery required for varied industrial applications. We source this product from reputed manufacturer to fulfil our client's requirements satisfactorily.

We make sure that products in conformation to the international quality standards are delivered to the clients that satisfy their exact requirements and detailed specifications

Vision

To help build Strong Things

Mission

Our mission is to deliver and supply the most noteworthy quality products to our clients utilizing sustainable procedures that meet the most elevated global standards.

Our Values

Integrity, Customer Focus, Honesty, Innovation, Quality & Responsibility.

L TK Steels is one Stop for Steel Buying & deals in Indian, American, European & Japanese Grades material.

Our Products Range.

- Structural Steel-All types of Beam, Channel, Angle Flat, Square, Round Bar
- Deformed / Reinforcement Bars (TMT)
- Hot Rolled MS Plates & Sheets
- Hot Rolled Chequered Plates & Coil
- Steel Plates: High Tensile & Offshore Quality
- Boiler Quality Plates.
- Alloy Steel Plates.
- Wear resistance Plate.
- Cold Rolled Sheets.
- Stainless Steel Plates & Sheets
- Galvanised Sheets & Coils
- MS ERW Pipes Black and Galvanized.
- Seamless Pipe
- Square Hollow Section.
- Rectangular Hollow section
- Steel Wire.
- Roofing Sheet & its accessories.
- Fasteners.

Our SERVICES

LTK Steels is based on the philosophy of recognizing the needs of our customers and understanding that quality, timely delivery, price and customer service are the key aspects that determine our success. Strict quality controls and an undying spirit of always meeting client expectations have helped us build strong relationships with our customers.



Value Added Services

Precision cutting and inspection made simple with LTK.



Lab Testing

All products are processed with thorough quality checks and lab tests.



Logistical Support

Simplifying your logistical requirements to help you procure the delivery in timely manner.



Indenting Services

Our scope of services ranges from import, stocking and dealership in high quality steel and metal.



Ultrasonic Services

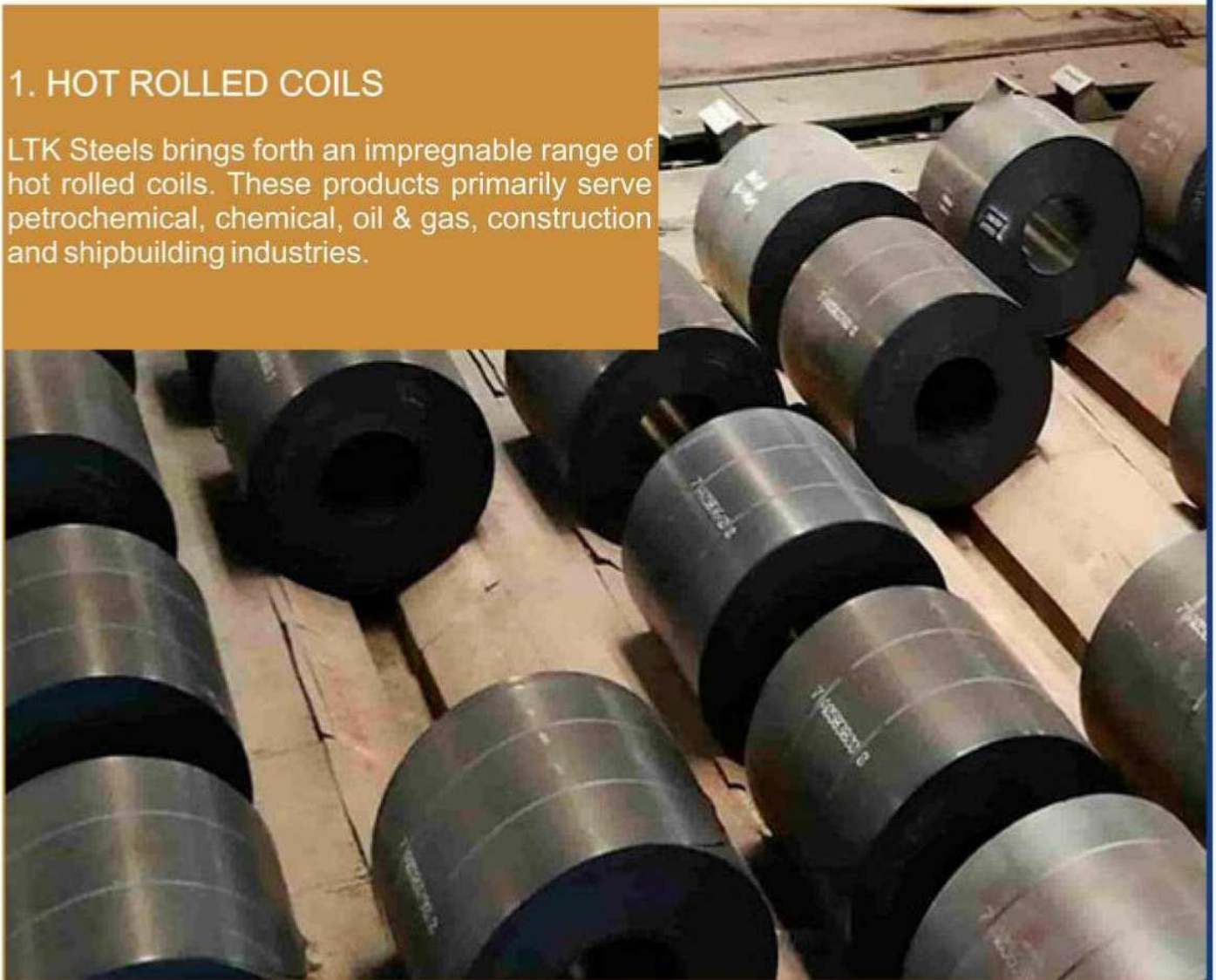
UT testing to ensure product quality.

Our PRODUCTS

At LTK Steels, we have the proven skills and experience to virtually work with any metal and cater to every customer's needs. Acquire a range of products with uniform dimensional accuracy, grades & specifications, equipped with tight tolerance.

1. HOT ROLLED COILS

LTK Steels brings forth an impregnable range of hot rolled coils. These products primarily serve petrochemical, chemical, oil & gas, construction and shipbuilding industries.



GRADES

Is2062 E250 A/DR/BO | ASTM - A 36

SPECIFICATIONS

[illegible]

2. MILD STEEL PLATES

Mild steel plates are structural quality plates that are used for a variety of general construction and industrial applications.



GRADES

IS2062 E250 A/DR/BO / C | ASTM - A 36

[illegible]

3. HIGH TENSILE STEEL PLATES

Due to its high strength, it enables design of lighter, highly durable and efficient products and structures.



GRADES

EN10025 S355J2 +N / IS2062 E350C | IS2062 E 350 A
 SA 572GR50 | EN10025 S355JR/ IS2062 E350BR
 EN10025 S355J0+ N / IS2062 E350BO

SPECIFICATIONS

Specifications	Chemical						Mechanical					Mpa, min
	C Max	Mn Max	Si Max	S Max	P Max	Micro Alloy	Tensile Min	Yield Min	% EL 50 GL	% EL 200 GL	Bend	Impact
EN 10025												
S 355 JR	0.20	1.6	0.35/0.55	0.035	0.035	—	490/630	355	22	—	2T	+20° C/27J
S 355 JO	0.20	1.6	0.35/0.55	0.030	0.030	—	490/630	355	22	—		0° C/27J
S 355 J2G3/J2+N	0.20	1.6	0.55	0.025	0.025	—	490/630	355	20	—	2T	-20° C/27J
S 355 K2G3/K2+N	0.20	1.6	0.55	0.025	0.025	—	490/630	355	20	—	2T	-20° C/40J
IS 2062												
E 350 A	—	—	—	—	—	—	—	—	—	—	—	—
E 350 BR	0.20	1.55	0.45	0.045	0.045	—	490 Min	350 Min	22	—	2T	+25° C/27J
E 350 BO	—	—	—	—	—	—	—	—	—	—	—	0° C/27J
E 350 C	0.20	1.55	0.45	0.40	0.40	—	490 Min	350 Min	22	—	2T	-20° C/27J
SAILMA												
350 HI	0.20	1.5	—	0.04	0.04	0.30	490/610	350	21	—	3T	-20° C/30J
410 HI	0.20	1.5	—	0.04	0.04	0.30	540/660	410	20	—	3T	-20° C/25J
450 HI	0.20	1.5	—	0.04	0.04	0.30	570/720	450	19	—	3T	-20° C/20J

4. BOILER QUALITY PLATES

These products are primarily used for fabrication of boilers in industries like shipbuilding, petrochemical and manufacturing.



GRADES

516GR70 / IS2041 R 260

516GR60 / IS2041 R 220

516GR70 / 60 (HIC NACE)

515GR70 /IS2002 GR3

ASTM - A 537 CL - 1

SPECIFICATIONS

Specifications	Chemical								Mechanical		Mpa, min	
	C Max	Mn Max	Si Max	S Max	PC Max	E	Tensile Min	Yield Min	% EL 50 GL	% EL 200 GL	Bend	Impact
ASTM - A516												
Gr - 60	0.23	0.85/1.2	0.15/0.40	0.04	0.035	0.42	415/550	415/550	25	21	1.5T	-46oC / 18J
Gr - 70	0.28	0.85/1.2	0.15/0.40	0.04	0.035	0.43	485/620	485/620	21	17	2T	-46oC / 20J
IS 2041												
R 220	0.21	0.60-1.5	0.15-0.35	0.035	0.035	—	415-540	415-540	21	—	3T	-20oC / 27J
R 260	0.25	0.85-1.5	0.15-0.35	0.035	0.035	—	490-620	490-620	21	—	3T	-20oC / 27J
R355	0.18	1.10-1.7	0.50 Max	0.015	0.025	—	490-640	490-640	21	—	—	-40oC / 40J
H 235	0.16	0.60-1.2	0.35 Max	0.015	0.025	0.025	360-480	360-480	24	—	—	—
H 265	0.20	0.80-1.4	0.40 Max	0.015	0.025	0.025	410-530	410-530	22	—	—	—
H 295	0.20	0.90-1.5	0.40 Max	0.015	0.025	0.025	460-580	460-580	21	—	3T	-20oC / 27J
H355	0.22	1.10-1.7	0.60 Max	0.015	0.025	0.025	510-650	510-650	20	—		—
ASTM-A 515												
Gr - 60	0.22	0.90	0.15/0.40	0.035	0.035	—	415/550	415/550	25	21	1.5T	
Gr - 70	0.31	1.20	0.15/0.40	0.035	0.035	—	485/620	485/620	21	17	2T	
IS 2002 Gr -1 & DIN 17155 Gr - H1	0.18	0.50/1.20	0.15/0.35	0.04	0.035	0.44	360/480	360/480	24	—	2T	—
IS 2002 Gr -2 & DIN 17155 Gr - H2	0.20	0.50/1.20	0.15/0.35	0.04	0.035	0.44	410/530	410/530	22	—	2T	—
IS 2002 Gr -3 & DIN 17155 Gr - H3	0.22	0.50/1.20	0.15/0.35	0.04	0.035	0.44	460/580	460/580	21	—	3T	—
ASTM-A 537 CL - 1	0.24	0.7/1.6	0.15/0.50	0.035	0.035	0.45	485/620	485/620	22	18	2T	-30oC / 20J

5. ALLOY STEEL PLATES

These steels have been developed to possess critical properties like strength, hardness, toughness, wear and corrosion resistance.



GRADES

ASTM - A 387 GR 11 CL 1 / CL 2 | ASTM - A 387 GR 22 CL 2 | ASTM - A 387 GR 12 CL 1 / CL 2

SPECIFICATIONS

Specifications	Chemical									Mechanical		Mpa, min		
	C Max	Mn Max	Si Max	S Max	P Max	Cr Max	Mo Max	Ni Max	Cu Max	Tensile	Yield	%EL		Bend
												50GL	200EL	
ASTM-A 36														
Gr 11 - Cl 2	0.17	0.40/0.65	0.40/0.65	0.04	0.035	0.035	1.0/1.50	-	-	515/690	310	22	18	-
Gr 11 - Cl 2	0.17	0.40/0.65	0.40/0.65	0.04	0.035	0.035	0.80/1.15	-	-	450/585	275	22	19	-
Gr 11 - Cl 2	0.15	0.30/0.60	0.30/0.60	0.035	0.035	0.035	4.0/6.0	-	-	515/690	310	18	-	-
Gr 11 - Cl 2	0.15	0.30/0.60	0.30/0.60	0.035	0.035	0.035	2.0/2.5	-	-	515/690	310	18	-	-

6. WEAR RESISTANT STEEL PLATES

It is suitable for a variety of applications in areas such as mining/quarrying, conveyors, material handling and construction, and earthmoving.



GRADES

ROCK STAR 400 | DILLIDUR 400 | HARDOX 400 | QUARD 400
 ABREX 400 | ARNA PRO 500 | DILLIDUR 500 | HARDOX 500
 QUARD 500 | ABREX 500

SPECIFICATIONS

Specifications											Mechanical		Mpa, min	
	C Max	Mn Max	Si Max	S Max	P Max	Cr Max	Mo Max	Ni Max	B Max	CE Max	HARDNESS BHN	Tensile	Yield	%EL
HARDOX 400	0.12	1.25	0.47	0.002	0.011	0.035	0.60	.04	0.004	0.40	370/430	1200	1000	10%
HARDOX 500	0.30	1.6	0.7	0.01	0.02	0.035	0.6	1.5	0.005	0.43	470/530	1450	1250	12%
DILLIDUR 400	0.20	1.8	0.7	0.01	0.025	0.035	0.5	0.8	0.005	0.49	370/430	1200	800	12%
DILLIDUR 500	0.30	1.6	0.7	0.01	0.0025	0.035	0.5	1	0.005	0.57	470/530	1600	1100	9%
QUARD 400	0.17	1.6	0.6	0.01	0.025	0.035	0.3	0.1	0.005	0.45	370/430	1300	1160	10%
QUARD 500	0.30	1.6	0.8	0.01	0.025	.035	0.5	1	0.005	0.61	470/530	1700	1500	12%
ROCK STAR 400	0.18	1.6	0.7	0.01	0.025	0.035	0.25	0.25	0.004	0.48	370/430	1250	1000	12%
ARMA PRO	0.32	1.2	0.7	0.01	0.025	0.035	0.7	1.8	0.005	0.7	480/540	1450	1250	8%
ABREX 400	0.21	2	0.7	0.01	0.025	0.035	0.6	1	0.005	0.7	360/440	1290	1000	10%
ABREX 500	0.35	2	0.7	0.01	0.025	0.035	0.6	1	0.005	0.7	450/550	1705	1500	12%

7. CHEQUERED STEEL PLATES

These plates are extensively used in domestic as well as commercial and industrial purposes such as automobiles, structural application and fabrication structural



GRADES

IS 3502

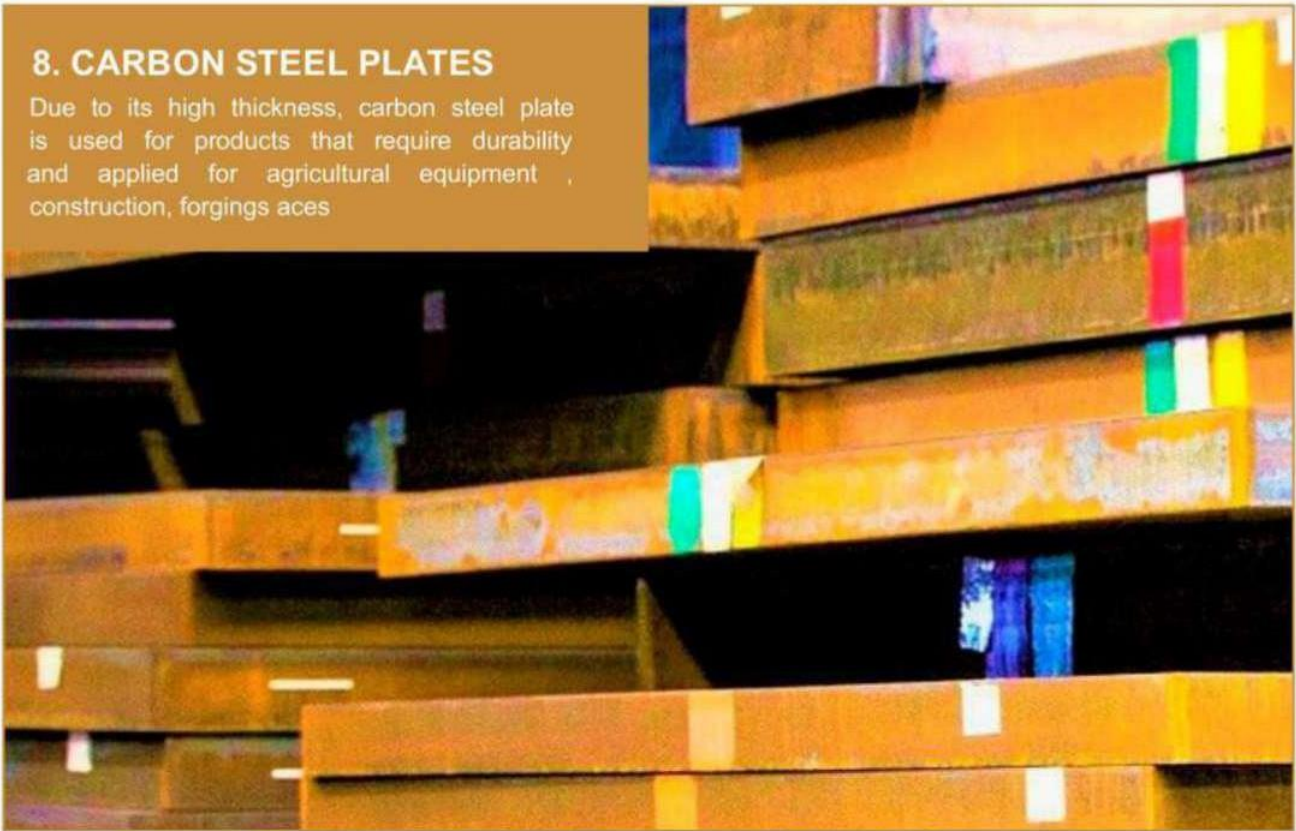
SPECIFICATIONS

Standard Specification		Chemical Composition (%)								
Equivalent Specification	Grade	C max	Mn max	S max	P max	Si max	Al	N max	Micro alloys max	CE max
IS 3502	E250A	0.23	1.50	0.045	0.045	0.040		0.012	0.25	0.42
EN 10025	S275JR	0.21	1.50	0.035	0.035			0.012		0.40
ASTM A36	A36	0.25		0.050	0.040	0.040				

Mechanical Properties ('t' =thickness in mm & 'GL'=Gauge Length)						
Tensile Test Direction	YS (Mpa) min	UTS (Mpa)	%EL(min) GL:5.65√(A)	Bend (180 Deg)	Temp C	Si max
T	250	410	23	21		
T	275	410-560	21		20	27
T	250	400-550				

8. CARBON STEEL PLATES

Due to its high thickness, carbon steel plate is used for products that require durability and applied for agricultural equipment , construction, forgings aces



GRADES

C45 – SAE1050

SPECIFICATIONS

C45 Plates Chemical Composition									
Grade	C	Mn	P	S	Cr	Si			
C450	0.42 - 0.50	0.70-0.90	0.025 max	0.025 max	0.10-0.20	0.40max			
C45 Sheets, Plates Mechanical Properties									
Grade	Condition	Yield Strength R ^e (Mpa)	Tensile Strength (Mpa)	Elongation A5(%)	Hardness HRC	Quenching Temperature (°C)	Bendability	Nominal Thickness,t 1.95mm≤t≤10.0mm	
								Rolled	Annealed
C45	Rolled	460	750	18	58	820	Min.reco-mmended Bending radius (≤90°)	2.0×t	1.0×t
	Annealed	330	540	30	55	860			
	Water-quenched		2270						
	Oil quenched		1980						

9. COLD ROLLED COILS

Cold rolling increases strength, enhances the surface finish and offers uniform thickness. Automobile industry uses CR Sheets to produce car body panels.



GRADES

A 1008: DS type A & B, DDS, EDDS, EDDS+

SPECIFICATIONS

Cold Rolled 1008/1010 Steel Physical Properties

ASTM A1008/1010

Temper	Designation	Alloy
Dead soft	DS Type - B	1008
Commercial Quality	CS Type - B	1008/1010
1/4 Hard		1008/1010
1/2 Hard		1008/1010
Full Hard		1008/1010

Cold Rolled 1008/1010 Chemical Properties

ASTM A1008/1010

Designation	C	Mn	P	S	Al	Si	Cu	Ni	Cr	Mo	V	Cb	Ti	N	B
CS Type - A	0.10	0.60	0.030	0.035	-	-	0.20	0.20	0.15	0.06	0.008	0.008	0.025	-	-
CS Type - B	0.02 -0.015	0.60	0.030	0.035	-	-	0.20	0.20	0.15	0.06	0.008	0.008	0.025	-	-
CS Type - C	0.08	0.60	0.010	0.035	-	-	0.20	0.20	0.15	0.06	0.008	0.008	0.025	-	-
DS Type - A	0.08	0.50	0.020	0.030	0.01 min	-	0.20	0.20	0.15	0.06	0.008	0.008	0.025	-	-
DS Type - B	0.02-0.08	0.50	0.020	0.030	0.02 min	-	0.20	0.20	0.15	0.06	0.008	0.008	0.025	-	-
DDS	0.06	0.50	0.020	0.025	0.01 min	-	0.20	0.20	0.15	0.06	0.008	0.008	0.025	-	-
EDDS	0.02	0.40	0.020	0.020	0.01 min	-	0.10	0.10	0.15	0.03	0.10	0.10	0.15	-	-

10. Structural Steel- Angle, Channel, Beam

These products are primarily used for fabricating & supporting structure in of boilers industries, cement industries, refineries, petrochemical, Pre-Engineering Building, Agriculture, construction industries etc.



Grade- IS2062 E 250/350/450 Gr.A/BR, EN 10025 S275JR/S355JR/S355J0/S355J2, ASTM A36/A572 Gr.50/ A992, SS400, Q235B etc.

11. Bars- Square Bar, Round Bar, TMT Bars

Bar used for foundation & supporting purpose in Boiler, Refineries', petrochemical, power, Construction & Cement industries. Also bar used as a Shaft in Automobile ,Aerospace industries.



Grade- IS2062 E250 Gr.BR, ASTM A36, SS400, S275JR, EN 8D, SAE 1018, C35, E19,EN1A, EN 9,C45,C55

12. Pipe & Tube- Round & Square.

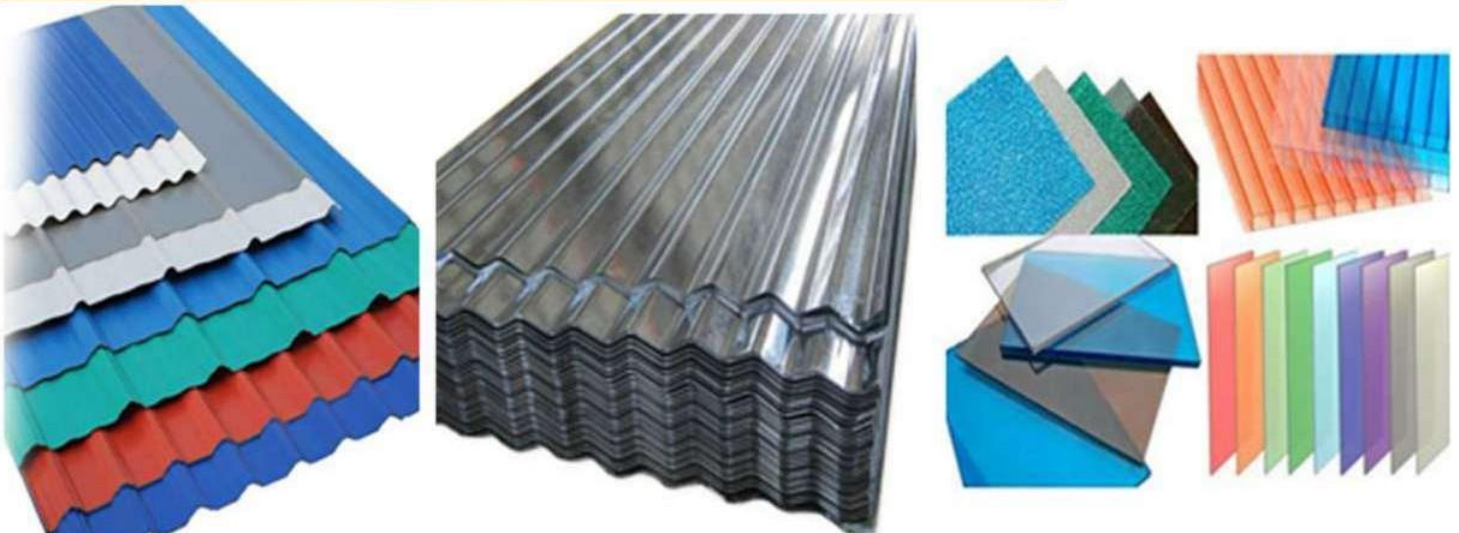
These products are primarily used for piping purpose to carry the various gases, fluid in refineries, petrochemical industries & Boiler Industries, also pipe & square tube generally used for construction, cement industries for safety gates & supporting part for structural item.



Grades-IS1239, IS1161, IS3589, IS 4923, ASTM A53/A, ASTM A53/B, ASTM A106 A/B/C, ASTM A179 /A192, ASTM A210, ASTM A213, ASTM A333, ASTM A335, BS3059 1/320 2/360, DIN 17175/ST 35.8/45.8, BS 1387, JIS G 3466, STKR 400, STKR 490, S275J2H.

13. Roofing Sheets- Metal roofing Sheet, Corrugated roofing sheets, Polycarbonate roofing sheets

Roofing sheets high insulating capabilities and good strength can be used in the construction of backyards, garden buildings, garages, household cladding and industrial roofs. Roofing used in both commercial & Industrial application.



14. Stainless Steel – Plates, Pipe, Round Bar, Steel Wire. This Steel has excellent corrosion and heat resistance with good mechanical properties over a wide range of temperatures. Stainless steel is used in housewares, industrial piping and vessels, construction, Refineries, Boiler & power plant industries. Automotive and aerospace, Food Industries.



Grade- 202 / JT / J4 / 304 / 304L / 304H / 310 / 310S / 316/316L / 316Ti / 317 / 317L / 321 / 321H / 347 / 347H / 409 / 409M / X2CRNI12 / 410 / 410S / 441 / 441-HONDA / 420 / 430 / 904 / 904L.

15. Fasteners- Nut, Bolt, Washer, Screws, Stud. Fasteners are used to mechanically join two or more objects together, either permanently or non-permanently. Fasteners used in both commercial & industrial applications like PEB Industries, Boiler, Power Plant, Agriculture, Food Processing, Housewares, Refineries, Automobile Industries etc.



Grade-ASTM A193, ASTM A320, ASTM F 568M, IS 1367 GR 4.6/8.8/10.9/12.9/ SS -304/ SS-316,A36, ASTM A325 / A490,DIN 933 / ISO 4017, ASME B18.3 / F837,IS 3757,ASME B18.2.1,ASTM



LTK STEELS



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