



## HUANAN SPECIAL STEEL CO., LTD

**HNSS-STEEL** Address: Room301 1# S.F. Express Industrial Park, Huayu Road, Jiaying city, Zhejiang province, China Tel: 86-15257287953 byron@hnss-steel.net www.hnss-steel.net

### PRODUCT LIST

An independent company, HNSS-STEEL is one of the leading Asian actors in the wholesale market for overstocked, 1st choice, 2nd choice and downgraded and destocked metals. For over 10 years HNSS-STEEL has been a recognised partner for manufacturers and wholesalers wishing to purchase with the best value for money: we find the best products on the steel market at the best price, for you. HNSS-STEEL has a 1500m<sup>2</sup> covered storage area where resellers and manufacturers of metal products will find over 600 different references including pipes sheet, corrugated sheet, gratings, beams, stainless steel, shipbuilding and offshore platform plate, pressure vessel steel plate, mould steel plate, pipeline steel plate, spring steel plate, profile steel, etc. Our clients work in sectors as varied as sheet metal fabrication, pipework, heavy steel fabrication, fabrication of skips, barriers, farm equipment, metal and modular constructions, metal furniture, display cases, handling equipment, etc.

HNSS specializes in supplying super thick steel plate S355NL, S690QL, ASTM A514Gr.Q, ASTM A517Gr.Q, DNV E690 Z35, ABS EQ70 for offshore platform, heavy industries; 9Ni alloy steel plate 06Ni9DR, ASTM A553, ASME SA553, X8Ni9 for LNG tank; HIC, NACE MR0175, ISO 15156 steel plate for oil&gas industry, refinery.

HNSS-STEEL's products comply with ASTM, ASME, EN, JIS, ISO, DIN, AISI, API, GB, BS standards. The main steel products category are low alloy structural steel plate, carbon steel plate, alloy steel plate, bridge steel plate, shipbuilding and offshore platform plate, pressure vessel steel plate, mould steel plate, pipeline steel plate, spring steel plate, profile steel, etc. Further more, we can also supply certificate from nine Classification Societies as ABS, LR, DNV, CCS, BV, KR, NK, GL, RINA for shipbuilding steel plates.

#### 1. Product catalogue

No	Grade name	Grade	Adopting standard	Application
1	Steel Plates for Boiler and Pressure Vessel	20g,16Mng,15CrMog 12Cr1MoVg,19Mng 22Mng,13MnNiCrMoNbg	GB713	To widely apply Petroleum, Chemical Factory and the Boiler domains .They also are made the Reactor , Heat Exchanger,Separator, Spherical Tank ,the Tank of oil gas ,Nuclear reactor
		20R,16MnR,15MnVR 15CrMoR,13MnNiMoNbR	GB6645	
	15MnNbR,15MnVNR 16MnDR,09MnNiDR 15MnNiDR	GB3531		
	12Cr2Mo1R,14Cr1MoR			



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		07MnCrMoVR 07MnNiCrMoVDR SB410,SB450,SB480 SPV235,SPV315,SPV355 SPV410,SPV450,SPV490 SGV410,SGV450,SGV480 SBV1A,SBV1B,SBV2,SBV3 SEV245,SEV295,SEV345 H I,H II,10CrMo910,15Mo3 13CrMo44,19Mn6 BHW35 13MnNiMo54 1Cr0.5Mo,2.25Cr1Mo 1.25Cr0.5Mo (S)A299M (S)A515M(Gr.60,65,70) (S)A204M(Gr.A,B,C) (S)A387M(Gr.11,12,22) (S)A537M(GL.1,CL.2) (S)A662M(Gr.A,B,C) (S)A302M(Gr.A,B,C,D) (S)A737M(Gr.B,C) (S)A738M(Gr.A,B,C) (S)A533M(I,II) P235GH,P265GH,P295GH P355GH,16Mo3,13CrMo4-5 10CrMo9-10,11CrMo9-10 A42,A52 20MnHR,20HR,16MnHR 161G430 WDB620	GB150  JIS G3103 JIS G3115 JIS G3118 JIS G3119 JIS G3124  DIN17155  ASTM, ASME  EN10028-2 NFA36-205  BS1501	pressure shell ,High-pressure water pipe, Turbine shell and other equipments.
2	Low Alloy High Strength Steel Plates	12Mn,15MnVN,16Mn,15MnV 14MnNb Q295(A,B),Q345(A,B,C,D,E) Q390(A,B,C,D,E) Q420(A,B,C,D,E) Q460(C,D,E) Q500(D,E),Q550(D,E) Q620(D,E),Q690(D,E) SM490(A,B,C),SM490Y(A,B) SM520(B,C),SM570 St44-3,St52-3,St50-2	GB1591 GB/T1591  GB/T16270 JIS G3106 JIS G3101  DIN17100	To product various alloy structure and alloy parts ,for example; Super heater, containers, Heavy caliber pipeline and plate parts .



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		St60-2,St70-2 StE315,StE355,StE380 StE420,StE460,StE500 A572M(Gr42,50,60,65) A633M(A,B,C,D,E) S275(JR,JO,J2G3,J2G4) S355(JR,JO,J2G3,J2G4, K2G3,K2G4) E395,E335,E360 S275N,S275NL,S355N,S355NL S420N,S420NL,S460N,S460NL 50(A,B,C,D,DD,EE,F) 43(A,B,C,D,EE),55(C,EE,F) WH60,WH410LK(BB41BF) WH490LK(BB503) E355(DD,E),E460(CC,DD,E) E420(DD,E),E460(DD,E) E550(DD,E),E690(DD,E) Fe430(A,B,C,D) Fe510(B,C,D) WDB690,WDB780,WH70 WH80	DIN17102  ASTM  EN10025  EN10113 BS4360  ISO4950-2 ISO4950-3 ISO630	
3	Anti-Corrosion steel plate	16MnR(HIC),08Cu,16MnCu St37-3Cu3 A588M(A,B,C,K),A242MCL.2 Cor-TenB,10CrMoAL 16CuCr,12MnCuCr 15MnCuCr,15MnCuCr-QT 09CuPCrNi SMA400(AW,BW,CW) SMA400(AP,BP,CP) SMA490(AW,BW,CW) SMA490(AP,BP,CP) SMA570W,SMA570P Fe235W,Fe355W WR50B,WR50C	DIN17100 ASTM  GB4172  GB4171 JIS G3114  ISO4952 BS4360	This steel plate could improve the function against corrosion of structural parts and enlarge the life of structures.
4	Steel plate for building bridge	16q,16Mnq,16MnCuq 15MnVq,15MnVNq 14MnNbp,Q345q,Q420q A709M(Gr36,50,50W,70W)	YB168 YB(T)10 GB/T714 ASTM	The bridge plates mainly use the Highway Bridges (Cross-sea Bridge) which have the construction of Rivet and Weld.
5	Steel Plates for	Q235GJ,Q345GJ		To produce the Pillars



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	Structure	SN400(A,B,C),SN490(B,C) 275(D,E,EZ),355(D,E,EM) 355EMZ,450(EM,EMZ)	YB4104 JIS G3136 BS7191	and the Bearing beams in industry and civil buildings.
6	Alloy construction steel plate	15CrMo,20CrMo,30CrMo 35CrMo,20Cr,40Cr 20Mn2,40Mn2 20CrMnMo,12Cr1MoV 30CrMnSiA,RQ65 25CrMo4,34CrMo4,42CrMo4	GB3077 GB11251 及 EN10083-1	to product various alloy structure and alloy parts ,for example; Super heater containers , Heavy caliber pipeline and plate parts.
7	Steel Plates for Die and Mould	P20,718,P80 S45C-S55C 45-55,50Mn SM45-SM55,SM3Cr2Mo SM3Cr2Ni1Mo NM360,NM400	JIS G4051 GB711 YB/T107	This plate usually are made various plastic moulds,highlight moulds ,all kinds of project machinery ,and the parts of abrasion resistant steel.
8	Carbon construction steel plate	Q235-Q275 10-55 20Mn-50Mn SS400 SM400(A,B) S10C-S55C St37-2,St37-3 A36,A283(A,B,C,D) 1010-1050 40(A,B,C,D,EE) S235(JR,JO,J2G3,J2G4) 1C22,1C25,1C30,1C35 1C40,1C45,1C50,1C55 Fe360(A,B,C,D)	GB3274 GB711 JIS G3101 JIS G3106 JIS G4051 DIN17100 ASTM BS4360 EN10025 EN10083-2 ISP630	
9	Steel Plates for Shipbuilding and Platform	A,B,D,E(Z15,Z25,Z35) AH32-FH32(Z15,Z25,Z35) AH36-FH36(Z15,Z25,Z35) D40,E40 API SPEC 2H Gr42,Gr50	CCS,DNV,GL, LR,BV,ABS NK,KR,RINA GB5313 API	To make the hull, offshore oil platform , pipe joint of platform ,and other structure parts
10	Stainless steel plate	316 316L 316LN 316H 316Ti 316N 316F 304 304L 304LN 304Ti 304H 321 321H 314 314L 310 310S	AMS 5513 AMS 5511 ASTM A240 ASTM A240 ASTM A666 ASTM A666	



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		317 317L 317LN 904L 904 201 202 301 302 309S 309 309H		
		GS80		To produce the Pressure Shell, Deep life-saving device, structural parts against high Pressure. Aerospace Equipment, Armored Vehicles and so on.
	High Strength &	28Cr2Mo(GY4)		
11	Toughness Steel	26SiMnMo(GY5)		
	Plates	30CrMnMoRE(603) 30CrNi3MoV(675)		
12	Steel Plates for	X42,X46,X52,X56	API	To make the transmission Pipeline of Gas and Petroleum
	Pipe line	X60,X65,X70,X80		

### 2. Project list

1. Supply A517Gr.Q, T≤152.4mm steel plate to DSOC in Oct 14, 2009.
2. Supply A514Gr.Q, T≤150mm steel plate to ZPMC(SHANGHAI ZHENHUA HEAVY INDUSTRIES CO., LTD) in Nov 15, 2009.
3. Supply NV E690, 80 < T≤150mm steel plate to NANTONG COSCO KHI SHIP ENGINEERING CO., LTD in Dec 03, 2010
4. Supply A514Gr.Q, T≤150mm rack steel plate for offshore platform to WUHAN MARINE MACHINERY PLANT CO., LTD in Jan 26, 2011.
5. Supply ABS EQ56, T=20mm steel plate to AC-INOX, Germany, Dec 26, 2012.
6. Supply ABS EQ47, T=75mm, 40mm, 35mm to EMS Energy Solutions Pte. Ltd, Singapore, May 06, 2014
7. Supply A588Gr.A, T=8mm, 10mm, 12mm, 16mm to Sumiyoshi Engineering Pte Ltd, Feb 06, 2015
8. Supply SUP7 round bar Φ=12mm to DKGlobalKorea Co., Ltd, Korea, Feb 27, 2015
9. Supply A387GR11CL2, T=10mm to Asia Quality Tech Parts Company Limited, Thailand, Aug 28, 2015
10. Supply ASTM A1011, T=3mm to GS Mercallese S.r.l. Italy, Oct 27, 2015



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11. Supply S355JR, T=2mm to Sumiyoshi Engineering Pte Ltd, Jan 05, 2016

**Extra high strength marine steel plate: ABS EQ47 (Q+T)  
40\*2438\*9144mm**

