



JISG	3131	SPHC	A285	GRADE C
	3131	SPHD	A455	
	3131	SPHT1	A515	GRADE 55
	3131	SPHT2	A515	GRADE 60
	3131	SPHT3	A515	GRADE 65
SAE/AISI/C			A515	GRADE 70
	1006	*	A516	GRADE 55
	1008	*	A516	GRADE 60
	1010	*	A516	GRADE 65
			A516	GRADE 70
			A537	CLASS 1

SAE/AISI/C (Continued)

1015 \*  
 1016 \*  
 1017 \*  
 1018 \*  
 1019 \*  
 1020 \*  
 1021 \*  
 1022 \*  
 1023 \*  
 1040 \*  
 1050 \*

\* Sold to analysis only.

**RAIL STEEL QUALITIES**

Mines and Sidings      GRADE 700  
                                     GRADE 900A

Commercial Rail Quality      Sold to analysis only.

**WEAR RESISTANT STEELS**

HCCR 1  
 HCCR 2  
 HCCR 3  
 SS 10/200  
 ROD MILL RODS (RMR)  
 High Chromium Manganese Rounds

**SHIP BUILDING STEELS**

ABS                      GRADE A (Plate gauges ≤ 50mm)  
                                     GRADE B (Plate gauges ≤ 50mm)  
                                     GRADE AH 32 (Plate Gauges ≤40mm)  
                                     GRADE AH 36  
                                     GRADE DH 32  
                                     GRADE DH 36  
                                     GRADE EH 32  
                                     GRADE EH 36

ASTM    A131      GRADE A (Plate gauges ≤ 51mm)  
           A131      GRADE B (Plate gauges ≤ 51mm)  
           A131      GRADE AH 32 (Plate gauges ≤ 40mm)  
           A131      GRADE AH 36 (Plate gauges ≤ 40mm)  
           A131      GRADE DH 32 (Plate gauges ≤ 40mm)  
           A131      GRADE DH 36 (Plate gauges ≤ 40mm)  
           A131      GRADE EH 32 (Plate gauges ≤ 40mm)  
           A131      GRADE EH 36 (Plate gauges ≤ 40mm)  
           A131      GRADE A (Coil gauges ≤ 12 mm)

LLOYDS    GRADE A (Plate gauges ≤ 50mm)  
           GRADE A (Coil gauges ≤ 12mm)  
           GRADE A (Sections and Bars)  
           GRADE B (Sections and Bars)  
           GRADE AH 32 (Plate gauges ≤ 40mm)  
           GRADE AH 36 (Plate gauges ≤ 40mm)  
           GRADE DH 32 (Plate gauges ≤ 40mm)  
           GRADE DH 36 (Plate gauges ≤ 40mm)  
           GRADE EH 32 (Plate gauges ≤ 40mm)  
           GRADE EH 36 (Plate gauges ≤ 40mm)

**PIPE STEELS**

API        5L      GRADE A  
           5L      GRADE B  
           5L      X42  
           5L      X46  
           5L      X52

**BOILER AND PRESSURE VESSEL STEELS (Con**

1501      TYPE 151      GRADE 360B  
 1501      TYPE 151      GRADE 400A  
 1501      TYPE 151      GRADE 400B  
 1501      TYPE 151      GRADE 430A  
 1501      TYPE 151      GRADE 430B  
 1501      TYPE 161      GRADE 360A  
 1501      TYPE 161      GRADE 360B  
 1501      TYPE 161      GRADE 400A  
 1501      TYPE 161      GRADE 400B  
 1501      TYPE 161      GRADE 430A  
 1501      TYPE 161      GRADE 430B  
 1501      TYPE 164      GRADE 360A  
 1501      TYPE 164      GRADE 360B  
 1501      TYPE 164      GRADE 400A  
 1501      TYPE 164      GRADE 400B  
 1501      TYPE 223      GRADE 460A  
 1501      TYPE 223      GRADE 460B  
 1501      TYPE 223      GRADE 490A  
 1501      TYPE 223      GRADE 490B  
 1501      TYPE 224      GRADE 400A  
 1501      TYPE 224      GRADE 400B  
 1501      TYPE 224      GRADE 430A  
 1501      TYPE 224      GRADE 430B  
 1501      TYPE 224      GRADE 460A  
 1501      TYPE 224      GRADE 460B  
 1501      TYPE 224      GRADE 490A  
 1501      TYPE 224      GRADE 490B  
 1501      TYPE 225      GRADE 460A  
 1501      TYPE 225      GRADE 460B  
 1501      TYPE 225      GRADE 490A  
 1501      TYPE 225      GRADE 490B

DIN    17155      GRADE H1  
           17155      GRADE H11  
           17155      GRADE 17MN4  
           17155      GRADE 15MO3

**ENGINEERING ROUNDS AND BLOCKS FOR FO**

BS        970        070M20  
           970        070M55  
           970        080M15  
           970        080M40  
           970        709M40

SAE                      1018  
                                     1020

AISI                      C1018  
                                     C1020

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