



ISPAT INDUSTRIES LTD., KALMESHWAR

Quality Assurance Department

Technical Delivery Conditions (TDC)

HOT ROLLED SKINPASS (HRSP) DEEP DRAWING STEEL

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Application	1	Compressor Shell
	2	
	3	

Equivalent ref. Grade	Specified Grade
	JIS:G:3131

Chemistry,wt%	Range	C	Si	S	P	Mn	Ni	Cr	Cu	Mo	Nb	V	Ti	Al	N ppm
	Min.	0.000	-	-	-	-	-	-	-	-	0.000	-	-	0.020	-
	Max.	0.040	0.030	0.020	0.020	0.250	-	-	-	-	0.000	-	-	0.080	70

Mechanical Properties	Range	YS	UTS	% Elongation		Bend Test	ECV	r-bar	n-val	HV
		Mpa	Mpa	50 GL	80 GL	180°	mm			0.5 KG
	Min.	-	-	-	-	-	-	-	-	-
	Max.	260	360	41	-	-	-	-	-	110

Surface Finish: Matte / Bright

Process Capability:

IIL Grade	Range	Thickness, mm	Width, mm	Length, mm
	Min	1.50	-	As per
	Max	4.00	1250	Requirement

Note:

1	
2	

Coil Weight: 10 MT Max.

Coil Internal Diameter: 508 mm, 20"

Packet Weight: 2.00 - 3.00 MT

Process Route:

HR Coil --Pickling-->Rolling Mill --> Skinpass --> Finishing --> Packing --> Despatch

Certification:

The Mill Test Certificate (MTC) gives the results of all the tests required by the standards for each grade (Chemistry, Mechanical).

Tolerances: Please refer annexure : CR SPECIFICATION

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