



ISPAAT INDUSTRIES LTD., KALMESHWAR

Quality Assurance Department

Technical Delivery Conditions (TDC)

SS GRADE 37 - GALVANIZED STEEL COILS / SHEETS

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Application	1	
	2	
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Equivalent ref. Grade	Specified Grade
	ASTM:A:653

Chemistry,wt%	Range	C	Si	S	P	Mn	Ni	Cr	Cu	Mo	Nb	V	Ti	Al	N ppm
SS GRADE 37	Min.	-												0.025	
	Max.	0.050	0.030	0.020	0.020	0.250								0.040	70

Mechanical Properties	Range	YS	UTS	% Elongation		Bend Test	ECV	r-bar	n-val	HRB
		Mpa	Mpa	50 GL	80 GL	180°	mm			
	SS GRADE 37	Min.	255	360	18	-	-	-	-	-
	Max.									

Surface Finish: Regular Spangle / Skinpass - Suppressd / Minimized spangles.

Process Capability:

SS GRADE 37	Range	Thickness, mm	Width, mm	Length, mm	Zinc Coating, GSM
	Min	0.30	900	As per requirement	80
	Max	3.00	1250		275

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 --> Galvanizing --> 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 : GP SPECIFICATION

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