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CUSTOMER : SCULPT ENGINEERING PRIVATE LIMITED
CITY : Tiruchirappalli
P.O.NO. : Sculpt-mail PO DATE: 10.09.2024
CUSTOMER SPECIFICATION : As per OA/PO agreement

CERTIFICATE NO. : JSL-7030/QA/2024-25/DOM/01970176
DATE : 17.09.2024 VEHICLE NO. : TN59BR2560
Ref. MTC No. : JSL-JRD/QA/2024-25/DOM/01958626
SALES ORDER NO. : 0586458145
SHIPMENT/DELIVERY NO. : 6500090413 NET WT(MT) : 1.460

Material Description/Product	Grade / Type	Material Specifications	Process-Route
STAINLESS STEEL	304/1.4301	EN 10088-2:14, EN 10028-7:16, ASTM A240/A240M-24, ASME SA-240/SA-240M 2023 SEC. II, PART A, IS 6911:2017 AMD. 3	EF-AOD-LRF-CCS

PHYSICAL DESCRIPTION												
SR NO.	BATCH NO.	PARENT COIL NO. / PLATE NO.	PKT/PALLET NO.	WEIGHT (MT)	NO. OF PCS	HEAT NO.	THK (mm)	WIDTH (mm)	LENGTH (mm)	FINISH	EDGE	QUALITY
1	J3A0996410	0001057019		0.365		12402075	1.150	57.00	COIL	2B	Trim Edge	PRIME
2	J3A0996411	0001057019		0.365		12402075	1.150	57.00	COIL	2B	Trim Edge	PRIME
3	J3A0996412	0001057019		0.365		12402075	1.150	57.00	COIL	2B	Trim Edge	PRIME
4	J3A0996413	0001057019		0.365		12402075	1.150	57.00	COIL	2B	Trim Edge	PRIME

CHEMICAL ANALYSIS (LADLE)															
HEAT NO.	%C	%Mn	%S	%P	%Si	%Ni	%Cr	%N	%Mo	%Cu	%Ti	%Nb	%Al		
12402075	0.026	1.30	0.002	0.036	0.29	8.05	18.15	0.066	-	-	-	-	-		

MECHANICAL PROPERTIES: SAMPLE DIRECTION - TRANSVERSE									
Sr No.	Rp 0.2/YS Mpa	Rp 1.0 Mpa	Rm/TS Mpa	%EL GL= 50 mm	%EL GL= 80 mm	%EL GL= 5.65- 80 mm	Hardness HRBW	Bend Test	
1	331	368	642	57	-	-	83 / 84	-	
2	331	368	642	57	-	-	83 / 84	-	
3	331	368	642	57	-	-	83 / 84	-	
4	331	368	642	57	-	-	83 / 84	-	

ADDITIONAL INFORMATION
1)- MATERIAL HAS BEEN SOLUTION ANNEALED AT MIN 1040° C & QUENCHED IN WATER. 2)- ABOVE MATERIAL, ALSO CONFIRM TO IS 6911:2017 AMD. 3 GRADE 304. 3)- MATERIALS CONFIRM TO THE REQUIREMENTS AS PER ASTM A480/A480M-24 & ASME SA-480/SA-480M SEC. II PART A-2023.

* THE ABOVE MATERIAL FULLY CONFORMS TO IS 6911:2017 AMD 3 CHEMICAL & MECHANICAL PROPERTIES OF PRODUCT AS TESTED IN ACCORDANCE WITH THE SCHEME OF TESTING & INSPECTION CONTAINED IN BIS CERTIFICATION.

HOT ROLLED FINISHES : (BL, ANN, NI, ID, CHQ) & COLD ROLLED FINISHES: (2E, 2D, 2B, BA, NO.4, HL)

PLATE:- MATERIAL 5.00 MM AND OVER IN THICKNESS AND OVER 250 MM IN WIDTH (AS PER ASTM/ASME STANDARD) & THICKNESS 3 MM OR OVER (AS PER DIN STANDARD)

SHEET:- MATERIAL UNDER 5.00 MM IN THICKNESS AND 600 MM AND OVER IN WIDTH (AS PER ASTM/ASME STANDARD) & THICKNESS LESS THAN 3 MM (AS PER DIN STANDARD)

COIL:- IN "PHYSICAL DESCRIPTION"- LENGTH MENTIONED AS "COIL".

