



TEST CERTIFICATE

TEST CERTIFICATE NO. : 903397872	DESPATCH DATE: 29.03.2023	SHIP-TO PARTY: 128317	SOLD-TO PARTY: 120612
DO NO. : 9516810037	CUSTOMER CODE: 128317	SKM STEELS LTD (CRCA DIVISION) C/O SKM METAL	SKM STEELS LIMITED(CRCADIVISION) SKM HOUSE, 2ND FLOOR,
INVOICE NO. : 2412770618	VEHICLE NO.: 14120812993(W)	J/93 M.I.D.C, TALOJA, DIST-RAIGAD NEXT TO FIRE BRIGADE	12 KHETWADI 6TH LANE
MATERIAL No. : 1406077	PRODUCT: CRCA COIL	TALOJA 410208	MUMBAI 400004

We hereby certify that the above mentioned material is tested in accordance with scheme of testing and inspection contained in BIS certification marks License no. CM/L-5152452 are as indicated against each section (Please refer to IS 513 CR2(COLD REDUCED CARBON STEEL SHEET AND STRIP (PART 1):2016)* for details of specification requirements). Legal sanction can be imposed on forging. Improper use of product can cause safety issues. To validate test certificate, Scan QR Code.

TDC No: AU03 Desg.CR2 SP D						Chemical Analysis, Specifications and Other Information													
Grade: Steellium D grade						C	Mn	Si	S	P	Al	N							
Section(TxW): 1.000x1525.000mm						%	%	%	%	%	%	PPM							
Specification Requirements as per TDC No AU03						Min	0.0350	0.150			0.0200								
						Max	0.0700	0.400	0.0400	0.020	0.0350	70							
Item	Batch No	Mother Coil	Cast No.	Tonnage	Pcs.	Test Results													
01	3345520000	3345520000	V99936	27.080	1	0.0540	0.215	0.0330	0.005	0.0190	0.0380	34							
TDC No: AU03						Mechanical Analysis, Specifications and Other Information													
Section (TxW): 1.000x1525.000mm						YS	UTS	EL	HRB	RA	BEND	ER							
						MPa	MPa	%				MM							
Specifiication Requirements as per TDC No. AU03						Min	140	270	35	0.80	8.2								
						Max	220	370	50	1.60									
Item	Batch No.	Mother Coil	Cast No.	Tonnage		Test Results													
01	3345520000	3345520000	V99936	27.080	1	215	338	42	50	1.40	OK	10.0							

Accepted
OK

Route-BOF>LF>CC>HSM>CRM>BAF>SPM	For further details please visit www.bis.gov.in	Micro alloying elements (MA) : Nb+V+Ti	Signature Not Verified
1 MPa = 1 N/mm2	Killing type:Steel is fully Aluminium killed	Material clearance date	Digitally signed by ASHWIN SURESH PANDY
YS = Yield Strength	Material is ROHS Compliant	26.03.2023	Date: 2023.05.05 15:01:48 IST
UTS = Ultimate Tensile Strength	Tensile Sample testing transverse to rolling direction	This TC is electronically generated	Location: Jamshedpur
El= % elongation on standard gauge length			Head Quality Assurance
TxWxL = Thickness x Width X Length			TATA STEEL LIMITED
CE (Carbon Equivalent) = (C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15)			