



TEST CERTIFICATE

TEST CERTIFICATE NO. : 904899701	DESPATCH DATE: 19.12.2023	SHIP-TO PARTY: 128317	SOLD-TO PARTY: 120612
DO NO. : 9517407578	CUSTOMER CODE: 128317	SKM STEELS LTD (CRCA DIVISION) C/O SKM METAL	SKM STEELS LIMITED(CRCADIVISION) SKM HOUSE, 2ND FLOOR,
INVOICE NO. : 7679003932	VEHICLE NO.: MH48CQ3401(T)	J/93 M.I.D.C, TALOJA, DIST-RAIGAD NEXT TO FIRE BRIGADE	12 KHETWADI 6TH LANE
MATERIAL No. : 229216	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-7198486 are as indicated against each section (Please refer to IS 513 CR2(COLD REDUCED CARBON STEEL SHEET AND STRIP: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: XA37						Chemical Analysis, Specifications and Other Information																	
Grade: TDC FOR D STEELIUM IS 513 CR2						C	Mn	S	P	Si	Al	N											
Section(TxW): 1.600x1250.000mm						%	%	%	%	%	%	PPM											
Specification Requirements as per TDC No XA37						Min	0.0200				0.0200												
						Max	0.0700	0.4000	0.0200	0.0250	0.0400	0.0700	70										
Itm	Batch No.	Mother Coil	Cast No.	Tonnage	Pcs.	Test Results																	
01	W03396300/	W03396300/	P3D6709	20.830	0	0.0490	0.1540	0.0095	0.0110	0.0140	0.0470	40											
TDC No: XA37						Mechanical Analysis, Specifications and Other Information																	
						HRB	YS	UTS	RA	EL	BEND												
							MPa	MPa	µM	%													
Speciifcation Requirements as per TDC No. XA37						Min	140	280	0.80	35													
						Max	50	220	1.60														
Itm	Batch No.	Mother Coil	Cast No.	Tonnage		Test Results																	
01	W03396300/	W03396300/	P3D6709	20.830	0	43	210	303	1.03	38	OK												

Accepted
OK

Route-	*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 VINOD VISHWANATH RAUT
YS = Yield Strength	Material is ROHS Compliant	19.12.2023	Date: 2023.12.19 19:42:48 IST
UTS = Ultimate Tensile Strength	Tensile Sample testing transverse to rolling direction	This TC is electronically generated	Location: Tarapur, Mumbai
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)			