



TATA STEEL

At - Isamba Phata | Khopoli - 410203 | Tal - Khalapur | Dist - Raigad (Maharashtra), India



CM/L 7700119009

TEST CERTIFICATE

TEST CERTIFICATE NO. : 905509570	DESPATCH DATE: 15.03.2024	TEST CERTIFICATE TO:
DO NO. : 9517624341	CUSTOMER CODE: 128317	SKM STEELS LTD (CRCA DIVISION) C/O SKM METAL PROCESSORS PVT. LTD
INVOICE NO. : 7250016180	VEHICLE NO.: MH48AY7650(R)	J/93 M.I.D.C, TALOJA, DIST-RAIGAD NEXT TO FIRE BRIGADE STATION
MATERIAL No. : 1884117	PRODUCT: CRCA COIL	TALOJA 410208

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 7700119009 are as indicated against each section (Please refer to IS513 (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 Q Code:TATXXD Desg.CR2 SP D							Chemical Analysis, Specifications and Other Information																		
Grade: Steelium D grade							C	Mn	Si	S	P	Al	N	Al	N										
Section(TxW): 2.000x1250.000mm							%	%	%	%	%	%	PPM	%	PPM										
Specification Requirements as per TDC No AU03					Min	0.0350	0.150				0.0200		0.0200												
					Max	0.0700	0.400	0.0400	0.020	0.0350		70		70.000											
tm	Batch No.	Mother Coil	Cast No.	Tonnage	Length	Pcs	Test Results																		
j2	K430068200		P3D6669	11.885		1	0.0480	0.152	0.0120	0.010	0.0110	0.0510	48	0.0510	48.000										
TDC No: AU03							Mechanical Analysis, Specifications and Other Information																		
							YS	UTS	EL	HRB	RA	HRB	RA	YS	BEND	ER	UTS	EL	BEND	ER					
Section (TxW): 2.000x1250.000mm							MPa	MPa	%					MPa		MM	MPa	%		MM					
Speciification Requirements as per TDC No. AU03					Min	140	270	35		0.8000		0.80	140		10.8	270	35		10.8000						
					Max	220	370		50.0000	1.6000	50	1.60	220			370									
tm	Batch No.	Mother Coil	Cast No.	Tonnage	Length	Pcs	Test Results																		
j2	K430068200		P3D6669	11.885		1	198	302	44	45.0000	0.9900	45	0.99	198	OK	12.2	302	44	OK	12.2000					

Accepted
OK

Route-		Micro alloying elements (MA) : Nb+V+Ti Material clearance date K422176100-12.03.2024	Signature Not Verified Digitally signed by SIDHESHWAR KUMAR Date: 2024.03.15 03:17:18 IST Location: Jamshedpur Head Quality Assurance TATA STEEL LIMITED.
1 MPa = 1 N/mm2 YS = Yield Strength UTS = Ultimate Tensile Strength El= % elongation on standard gauge length TxWxL = Thickness x Width X Length CE (Carbon Equivalent) = (C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15)	Steel is fully Aluminium killed Material is ROHS Compliant Tensile Sample testing transverse to rolling direction		