



TEST CERTIFICATE

TEST CERTIFICATE NO. : 906017128

DESPATCH DATE: 25.05.2024

DO NO. : 9517809369

CUSTOMER CODE: 128317

INVOICE NO. : 7679010131

VEHICLE NO.: MH48BM6249(T)

MATERIAL No. : 195964

PRODUCT: CRCA COIL

SHIP-TO PARTY: 128317

SKM STEELS LTD (CRCA DIVISION) C/O SKM METAL

J/93 M.I.D.C, TALOJA, DIST-RAIGAD NEXT TO FIRE BRIGADE

TALOJA 410208

SOLD-TO PARTY: 120612

SKM STEELS LIMITED(CRCADIVISION) SKM HOUSE, 2ND FLOOR,

12 KHETWADI 6TH LANE

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: XA31

Chemical Analysis, Specifications and Other Information

Grade: TDC for TATA Steelium D Grade

Section(TxW): 0.800x1250.000mm

Specification Requirements as per TDC No. XA31

Min

0.0200

0.0800

0.4000

0.040

0.020

0.025

0.0700

70

Item Batch No Mother Coil Cast No. Tonnage Pcs.

01 W040675000 W040675000 A028740 21.755 0

Test Results

0.0410

0.2220

0.017

0.005

0.015

0.0550

41

TDC No: XA31

Mechanical Analysis, Specifications and Other Information

Section (TxW): 0.800x1250.000mm

Specification Requirements as per TDC No. XA31

Min

140

280

35

0.80

Item Batch No Mother Coil Cast No. Tonnage Pcs.

01 W040675000 W040675000 A028740 21.755 0

Test Results

52

220

335

39

1.08

10.8

OK

Route-BOF>LF>CC>TSK>CRM>BAF>SPM

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)

*For further details please visit www.bis.gov.in

Killing type: Steel is fully Aluminium killed

Material is ROHS Compliant

Tensile Sample testing transverse to rolling direction

Micro alloying elements (MA) : Nb+V+Ti

Material clearance date

23.05.2024

This TC is electronically generated

Signature Not Verified

Digitally signed by VINOD
VISHWANATH PAUT
Date: 2024.05.25 06:09:55 IST
Location: Tarapur, Mumbai

Head Quality Assurance
TATA STEEL LIMITED