



TEST CERTIFICATE

TEST CERTIFICATE NO. : 906880032	DESPATCH DATE: 04.10.2024	SHIP-TO PARTY: 117509	SOLD-TO PARTY: 115806
DO NO. : 9518152516	CUSTOMER CODE: 117509	NARESH STEEL INDUSTRIES PVT. LTD C/O POONYA STEEL	NARESH STEEL INDUSTRIES PVT LTD C-501, NEELKANTH
INVOICE NO. : 7679015918	VEHICLE NO.: MH48CQ3514(T)	A-7/2, MIDC, OPP TRANSPOWER, TALOJA	OPP.VIDYA VIHAR RAILWAY STN,
MATERIAL No. : 1104234	PRODUCT: HR COILS (P&O) ✓	TALOJA 410208	MUMBAI 400086

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-0102816 are as indicated against each section (Please refer to IS 1079 HR2(HOT ROLLED CARBON STEEL SHEET, PLATE AND STRIP:2017)* 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: YH03 Q Code:111496						Chemical Analysis, Specifications and Other Information													
Grade: TDC-HR-PICKLED/OILED IS-1079 DGRADE						C	Mn	Si	S	P	N								
Section(TxW): 3.000x1250.000mm ✓						%	%	%	%	%	PPM								
Specification Requirements as per TDC No YH03						Min													
						Max	0.1000	0.4500	0.1500	0.0400	0.0400	90							
Item	Batch No.	Mother Coil	Cast No.	Tonnage	Pcs.	Test Results													
01	W046645000	W046645000	V36570	22.390	1	0.0614	0.3080	0.0080	0.0080	0.0130	33								
02	W046651000	W046651000	V36607	22.380	1	0.0550	0.3230	0.0070	0.0060	0.0130	31								
TDC No: YH03						Mechanical Analysis, Specifications and Other Information													
Section (TxW): 3.000x1250.000mm						UTS	YS	BEND	EL										
Specification Requirements as per TDC No. YH03						MPa	MPa		%										
						Min			25										
						Max	420												
Item	Batch No.	Mother Coil	Cast No.	Tonnage		Test Results													
01	W046645000	W046645000	V36570	22.390	1	362	294	OK	42										
02	W046651000	W046651000	V36607	22.380	1	370	303	OK	42										

Accepted

Route-BOF>LF>CC>HSM>PICKLING

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

Material is ROHS Compliant

Tensile Sample testing transverse to rolling direction

Micro alloying elements (MA) : Nb+V+Ti
Material clearance date

02.10.2024

This TC is electronically generated

Signature Not Verified

Digitally signed by VINOD
VISHWANATH RAUT
Date: 2024.10.05 13:28:40 IST
Location: Tarapur, Mumbai

Head Quality Assurance
TATA STEEL LIMITED