



TEST CERTIFICATE

TEST CERTIFICATE NO. : 906078550	DESPATCH DATE: 02.06.2024	SHIP-TO PARTY: 117509	SOLD-TO PARTY: 115806
DO NO. : 9517839933	CUSTOMER CODE: 117509	NARESH STEEL INDUSTRIES PVT. LTD C/O POONYA STEEL	NARESH STEEL INDUSTRIES PVT LTD C-501, NEELKANTH
INVOICE NO. : 7679010517	VEHICLE NO.: MH04FD4051(T)	A-7/2,MIDC,OPP TRANSPower,TALOJA	OPP.VIDYA VIHAR RAILWAY STN,
MATERIAL No. : 1104222	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): 2.000x1250.000mm ✓					%	%	%	%	%	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	W041591000	W041591000	V29790	22.585	1	0.0600	0.3040	0.0070	0.0080	0.0120	28									
TDC No: YH03						Mechanical Analysis, Specifications and Other Information														
Section (TxW): 2.000x1250.000mm					UTS	YS	BEND	EL												
Speciification Requirements as per TDC No. YH03					MPa	MPa		%												
					Min			26												
					Max	420														
Item	Batch No.	Mother Coil	Cast No.	Tonnage		Test Results														
01	W041591000	W041591000	V29790	22.585	1	371	309	OK	40											

Accepted
AK

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

02.06.2024

This TC is electronically generated

Signature Not Verified

Digitally signed by VINOD
VISHWANATH PAUT
Date: 2024.06.04 11:44:10 IST
Location: Tarapur, Mumbai

Head Quality Assurance
TATA STEEL LIMITED