



TEST CERTIFICATE

TEST CERTIFICATE NO. : 908929668
DO NO. : 9519003364
INVOICE NO. : 7679028878
MATERIAL No. : 496485

DESPATCH DATE: 09.08.2025
CUSTOMER CODE:
VEHICLE NO.:
PRODUCT: HR COIL P&O SKIN PASSED COIL

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:7700223913 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: YH44 Q Code:HPS79D						Chemical Analysis, Specifications and Other Information														
Grade: IS 1079 D HRPSO						C	Mn	S	P	Si	Al	Cu	Cr	Ni	N					
Section(TxW): 2.000x1250.000mm						%	%	%	%	%	%	%	%	%	PPM					
Specification Requirements as per TDC No YH44						Min														
						Max	0.1000	0.4500	0.0350	0.0400	0.1500				90					
Item	Batch No.	Mother Coil	Cast No.	Tonnage	Pcs.	Test Results														
01	W062003000	W062003000	V59751	22.170	0	0.0540	0.3250	0.0070	0.0090	0.0180	0.0580	0.0071	0.0170	0.0210	36					
TDC No: YH44						Mechanical Analysis, Specifications and Other Information														
						EL	YS	UTS	BEND											
						%	MPa	MPa												
Speciification Requirements as per TDC No. YH44						Min	26	170												
						Max		420												
Item	Batch No.	Mother Coil	Cast No.	Tonnage		Test Results														
01	W062003000	W062003000	V59751	22.170	0	40	284	377	OK											

Since 1974

Route-BOF>LF>CC>HSM>PICKLING>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
08.08.2025
This TC is electronically generated

Signature Not Verified

Digitally signed by VINOD
VISHWANATH PAUT
Date: 2025.08.11 12:13:06 IST
Location: Tarapur, Mumbai

Head Quality Assurance
TATA STEEL LIMITED