



Tata Steel Limited CRM Complex West,Plot No S-76 Tarapur Industrial Area,PO No 22,Dist.-Palghar,Maharashtra 401506,India.





TEST CERTIFICATE

INVOICE NO.: 3148023835 DO NO.: 9517460472 TEST CERTIFICATE NO.: 905038643 DESPATCH DATE: 10.01.2024 VEHICLE NO.: MH14GD5852(L) CUSTOMER CODE: 854778

PRODUCT: CRCA SHEET

MATERIAL No.: 3175276

TEST CERTIFICATE TO

MIDC CHAKAN, PH-II VILLAGE MAHINDRA AUTO STEEL PVT LTD. PLOT NO C23/1

PUNE 410501

2535662,6869

validate test certificate, Scan QR Code. refer to IS 513 CR4(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 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

TDC No: YA09							0	Chemical Ana	alysis, Speci	nalysis, Specifications and Other Information	r Information
Grade: MM22 EDD		С	Mn	Si	S	z					
Section(TxWxL): 1.000x825.000x1335.00mm		%	%	%	% %	% PPM	Š				
Specification Requirements as per TDC No YA09	Min										
	Max	0.0500	0.200 0	0.030 0.1	0.012 0.020)20 50	0				
Itm Batch No. Mother Coil Cast No. Tonnage	Pcs. 1	Test Results	ılts								
01 ST09124T08 W03310900/ A270616 2.150	250	0.0380	0.158 0	0.005 0.1	0.010 0.013	30	0				
2.150	250	0.0380	0.158 0	0.005 0.1	0.010 0.013)13 30	0				
03 ST09124T10 W03310900/ A270616 2.150	250	0.0380	0.158 0	0.005 0.0	0.010 0.013)13 30	0				
TDC No: YA09		1	1			1	M	Mechanical Ar	alysis, Spec	Analysis, Specifications and Other Information	er Information
		HRB	ΥS	UTS	S	EL	r BAR	RA	ER	n	
Section (TxWxL): 1.000x825.000x1335.00mm			MPa	MPa	a	%		MH	MM		
Specification Requirements as per TDC No. YA09	Min					45	1.60	0.80		0.19	
	Max	40	180	300	0			1.20		0.30	
Itm Batch No. Mother Coil Cast No. Tonnage		Test Results	ılts								
	250	37	178	287	7	46	1.62	0.80	11.5	0.21	
02 ST09124T09 W03310900/ A270616 2.150	250	37	178	287	7	46	1.62	0.80	11.5	0.21	
03 ST09124T10 W03310900/ A270616 2.150	250	37	178	287	7	46	1.62	0.80	11.5	0.21	
	1	1	1	1							

UTS = Ultimate Tensile Strength

EI= % elongation on standard gauge length

TxWxL = Thickness x Width X Length

CE (Carbon Equivalent) = (C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15)

YS = Yield Strength 1 MPa = 1 N/mm2

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

Material clearance date

This TC is electronically generated

Head Quality Assurance
TATA STEEL LIMITED

ur,Mumbai

Tensile Sample testing transverse to rolling direction

Material is ROHS Compliant