

AM/NS Khopoli

AMNS KHOPOLI LIMITED

(FORMERLY UTTAM GALVA STEELS LTD)



CM/L -7700111211

AN ISO 9001 : 2015
Certified Company

AMNS KHOPOLI LIMITED Pin code- 410202 Phone No- 02192392200 Fax No- 02192278143

MILL TEST CERTIFICATE

Prepainted GI base Coil (F_PPCO_GI)

Test certificate no 2402015747
 Invoice No and Date 2402015747 & 27.07.2024
 Billing No 2402015747
 PO No/Contract No & Date JULY'24 - ANANTHA GA & 25.07.2024
 SO No & Date 0000106078 & 25.07.2024
 Market Segment TRD

Sold to party
 RAMESH IRON AND STEEL COMPANY
 INDIA
 PRIVATE LIMITED
 R.S.PURAM, COIMBATORE,

Ship to party
 RAMESH IRON AND STEEL COMPANY
 INDIA
 PRIVATE LIMITED
 R.S.PURAM, COIMBATORE,

Standard : EN10169-97 / 80 g/m2

Batch No.	Size T*W*L	Grade	No of Sheets	Net Wt MT	Chemical Composition (%)				Mechanical Properties			Hardness HRB	ECV mm	Top Color	Bottom color	Bend Test	Impact Test Kg-cm	MEKDR DB-RB	T Coat	B Coat	Pencil HDNS	Gloss Top	Cross Hatch	GRD-FLM	Paint Type	ZN coating GSM	S.O.i No
					C	Mn	S	P	YS Mpa	UTS Mpa	%EI 80 GL																
C0124F2148	0.450 mm X 1,220.00 mm X 938 m	S250GD		3.73	0.037	0.110	0.005	0.005	288	358	24	64	8.00	RAL 5012	RAL 7035	2T-P	100	100	14	7	2H	62	OK	-	POL	81	01
C0124F2150	0.450 mm X 1,220.00 mm X 956 m	S250GD		3.79	0.040	0.180	0.009	0.016	356	389	29	59	8.00	RAL 5012	RAL 7035	2T-P	100	100	14	7	2H	62	OK	-	POL	80	01
C0124G1332	0.300 mm X 1,070.00 mm X 1,720 m	S250GD		3.82	0.040	0.190	0.003	0.015	288	361	26	63	7.00	RAL 9002	RAL 7035	2T-P	100	100	14	7	2H	61	OK	-	POL	80	02
C0124G1333	0.300 mm X 1,070.00 mm X 1,655 m	S250GD		3.66	0.040	0.190	0.003	0.015	288	361	26	63	7.00	RAL 9002	RAL 7035	2T-P	100	100	14	7	2H	61	OK	-	POL	80	02
C0124G0877	0.350 mm X 1,070.00 mm X 1,294 m	S250GD		3.4	0.040	0.190	0.003	0.015	286	357	25	63	7.00	RAL 9002	RAL 7035	2T-P	100	100	14	7	2H	52	OK	-	POL	80	03
C0124G0882	0.350 mm X 1,070.00 mm X 1,270 m	S250GD		3.34	0.040	0.190	0.003	0.015	287	357	25	63	7.00	RAL 9002	RAL 7035	2T-P	100	100	14	7	2H	56	OK	-	POL	81	03
C0124G0876	0.350 mm X 1,070.00 mm X 1,270 m	S250GD		3.3	0.040	0.190	0.003	0.015	286	357	25	63	7.00	RAL 9002	RAL 7035	2T-P	100	100	14	7	2H	52	OK	-	POL	80	03

Signed By

Total : 25.040

Quality Assurance

This is a computer generated MTC.
 Hence does not require signature.

We hereby certify that the materials described herein has been inspected in accordance with and qualifies to the above specification.

AMNS KHOPOLI LIMITED
 KHOPOLI PEN ROAD , Donvat, Taluka-Khalapur ,
 District: Raigad-410202

AM/NS Khopoli

AMNS KHOPOLI LIMITED
(FORMERLY UTTAM GALVA STEELS LTD)

IS 14246 : 2013



CM/L-7700111211

AN ISO 9001 : 2015
Certified Company

AMNS KHOPOLI LIMITED Pin code-410202 Phone No- 02192392200 Fax No- 021922278143

MILL TEST CERTIFICATE

Prepainted GI base Coil (F_PPCCO_GI)

Sold to party
ARCELORMITTAL NIPPON STEEL I
LTD
PLOT NO A-6,
SIPCOT ORAGADAM, Kanchipuram
ARCELORMITTAL NIPPON STEEL I
LTD.

Test certificate no 2402014899
Invoice No and Date 2402014899 & 21.07.2024
Billing No 2402014899

Ship to party
PLOT NO A-6,
SIPCOT ORAGADAM, Kanchipuram

PO No/Contract No & Date 4500364383 - CHENNAI & 18.07.2024
SO No & Date 0046000219 & 18.07.2024
Market Segment TRD

Standard : EN10169-97 / 80 g/m2

Batch No.	Size T*W*L	Grade	No of Sheets	Net Wt MT	Chemical Composition (%)			Mechanical Properties			Hardness HRB	ECV mm	Top Color	Bottom color	Bend Test	Impact Test Kg-cm	MEKDR DE-RB	T Coat	B Coat	Pencil HDNS	Gloss Top	Cross Hatch	GRD-FLM	Paint Type	ZN coating gsm	S.O.I No
					C	Mn	S	P	YS Mpa	UTS Mpa																
C0124F2107	0.450 mm X 1,220.00 mm X 958 m	S250GD		3.84	0.040 - 0.180	0.003 - 0.016	0.016 - 0.016	288	359	24	64	6.00	RAL 5012	RAL 7035	2T-P	100	100	14	7	2H	69	OK	-	POL	82	08
C0124F2108	0.450 mm X 1,220.00 mm X 955 m	S250GD		3.83	0.040 - 0.180	0.003 - 0.016	0.016 - 0.016	288	359	24	64	6.00	RAL 5012	RAL 7035	2T-P	100	100	14	7	2H	69	OK	-	POL	82	08
C0124F2110	0.450 mm X 1,220.00 mm X 941 m	S250GD		3.75	0.044 - 0.103	0.007 - 0.009	0.009 - 0.016	289	357	26	63	6.00	RAL 5012	RAL 7035	2T-P	100	100	14	7	2H	69	OK	-	POL	81	08
C0124F2126	0.450 mm X 1,220.00 mm X 935 m	S250GD		3.73	0.040 - 0.180	0.003 - 0.016	0.016 - 0.016	287	358	26	64	8.00	RAL 5012	RAL 7035	2T-P	100	100	14	7	2H	65	OK	-	POL	80	08
C0124G0326	0.450 mm X 1,220.00 mm X 1,010 m	S250GD		4.07	0.030 - 0.180	0.006 - 0.015	0.015 - 0.015	286	357	25	63	8.00	ROYAL BLUE	RAL 7035	2T-P	100	100	14	7	2H	62	OK	-	POL	82	10
C0124G0327	0.450 mm X 1,220.00 mm X 1,010 m	S250GD		4.07	0.030 - 0.180	0.006 - 0.015	0.015 - 0.015	286	357	25	63	8.00	ROYAL BLUE	RAL 7035	2T-P	100	100	14	7	2H	62	OK	-	POL	82	10
C0124G0319	0.450 mm X 1,220.00 mm X 940 m	S250GD		3.72	0.038 - 0.106	0.007 - 0.013	0.013 - 0.013	287	358	25	64	8.00	ROYAL BLUE	RAL 7035	2T-P	100	100	14	7	2H	65	OK	-	POL	81	10
C0124G0346	0.450 mm X 1,220.00 mm X 880 m	S250GD		3.53	0.045 - 0.110	0.003 - 0.011	0.011 - 0.011	286	357	25	63	7.00	ROYAL BLUE	RAL 7035	2T-P	100	100	14	7	2H	62	OK	-	POL	80	10

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AMMNS KHOPOLI

AMNS KHOPOLI LIMITED
(FORMERLY UTTAM GALVA STEELS LTD)

IS 14246 : 2013



CML-770011211

AN ISO 9001 : 2015
Certified Company

AMNS KHOPOLI LIMITED Pin code- 410202 Phone No- 02197392200 Fax No- 02192278143

MILL TEST CERTIFICATE

ARCELORMITTAL NIPPON STEEL LTD.

Prepainted GI base Coil (F_PPCO_GI)

Test certificate no

2402014747

Sold to party

PLOT NO.A-6

SIPCOT ORAGADAM, Kanchipuram

Invoice No and Date

2402014747 & 20.07.2024

Billing No

2402014747

Ship to party

PLOT NO.A-6,

SIPCOT ORAGADAM, Kanchipuram

PO No/Contract No & Date 4500364383 - CHENNAI & 18.07.2024

SO No & Date

0046000219 & 18.07.2024

Market Segment

TRD

Standard : EN10169-97 / 80 g/m2

Batch No.	Size T*W*L	Grade	No of Sheets	Net Wt MT	Chemical Composition (%)					Mechanical Properties			Hardness HRB	ECV mm	Top Color	Bottom color	Bend Test	Impact Test Kg-cm	MEKDR DB-RB	T Coat	B Coat	Penail HDMS	Glass Top	Cross Hatch	GRD-FLM	Paint Type	Zn coat g/m2	S Q1 No
					C	Mn	S	P	YS Mpa	UTS Mpa	%EL																	
C0124G0195	0.450 mm X 1,220.00 mm X 1,220 m	S250GD	482	0.038 - 0.056	0.003 - 0.008	0.008 - 0.008	0.008 - 0.008	0.008 - 0.008	288	357	26	64	7.00	BRICK RED	RAL 7035	2T-P	100	100	100	14	7	2H	55	OK	-	POL	80	07
C0124G1805	0.450 mm X 1,220.00 mm X 1,142 m	S250GD	448	0.052 - 0.061	0.002 - 0.002	0.005 - 0.005	0.005 - 0.005	0.005 - 0.005	288	358	25	63	7.00	BRICK RED	RAL 7035	2T-P	100	100	100	14	7	2H	55	OK	-	POL	80	07
C0124G0197	0.450 mm X 1,220.00 mm X S20 m	S250GD	365	0.043 - 0.045	0.002 - 0.002	0.007 - 0.007	0.007 - 0.007	0.007 - 0.007	279	359	29	59	6.00	BRICK RED	RAL 7035	2T-P	100	100	100	14	7	2H	55	OK	-	POL	80	11
C0124G0136	0.800 mm X 1,220.00 mm X 690 m	S250GD	508	0.040 - 0.040	0.004 - 0.004	0.019 - 0.019	0.019 - 0.019	0.019 - 0.019	279	359	29	59	6.00	BRICK RED	RAL 7035	2T-P	100	100	100	14	7	2H	55	OK	-	POL	80	11
C0124G0140	0.800 mm X 1,220.00 mm X 550 m	S250GD	408	0.034 - 0.034	0.004 - 0.004	0.011 - 0.011	0.011 - 0.011	0.011 - 0.011	279	359	29	59	6.00	BRICK RED	RAL 7035	2T-P	100	100	100	14	7	2H	55	OK	-	POL	80	11

Signed By

[Signature]

Total : 22.120

Quality Assurance

We hereby certify that the materials described herein has been inspected in accordance with and qualifies to the above specification.

This is a computer generated MTC.
Hence does not require signature.

AMNS KHOPOLI LIMITED
KHOPOLI PEN ROAD, Donvat, Taluka-Khalapur,
District: Raigad-410202

AMNS Khopoli

AMNS KHOPOLI LIMITED

IS 14246 : 2013

(FORMERLY UTTAM GALVA STEELS LTD)

AN ISO 9001 : 2015
Certified Company

AMNS KHOPOLI LIMITED Pin code- 410202 Phone No- 02192392200 Fax No- 021922278143



CML -7700111211

ARCCELORMITTAL NIPPON STEEL LTD.
PLOT NO A-6,
SIPCOT ORAGADAM, Kanchipuram
ARCCELORMITTAL NIPPON STEEL LTD

MILL TEST CERTIFICATE
Prepainted GI base Coil (F_ppco_gi)

Sold to party
Ship to party

Standard : EN10169-97 / 80 g/m2

Test certificate no 2402014648
Invoice No and Date 2402014648 & 19.07.2024
Billing No 2402014648
PO No/Contract No & Date 4500363837 - CHENNAI & 09.07.2024
SO No & Date 0046000215 & 10.07.2024
Market Segment TRD

Batch No.	Size T*W*L	Grade	No of Sheets	Net Wt MT	Chemical Composition (%)				Mechanical Properties			Hardness HRB	ECV mm	Top Color	Bottom color	Bend Test	Impact Test Kg-cm	MEKDR DB-RB	T Coat	B Coat	Pencil HDNS	Gloss Top	Cross Hatch	GRD-FLM	Paint Type	Zn coating gsm	S.C.I No
					C	Mn	S	P	YS Mpa	UTS Mpa	%EI 80 GL																
C0124F1117	0.400 mm X 1,220.00 mm X 1,348 m	S250GD		4.75	0.030 - 0.180	0.005 - 0.019	0.019	287	358	24	63	8.00	RAL 5012	RAL 7035	2T-P	100	100	14	7	2H	65	OK	-	POL	81	02	
C0124F1113	0.400 mm X 1,220.00 mm X 1,050 m	S250GD		3.7	0.030 - 0.180	0.005 - 0.019	0.019	288	360	24	64	8.00	RAL 5012	RAL 7035	2T-P	100	100	14	7	2H	65	OK	-	POL	80	02	
C0124F1114	0.400 mm X 1,220.00 mm X 1,050 m	S250GD		3.69	0.030 - 0.180	0.005 - 0.019	0.019	288	360	24	64	8.00	RAL 5012	RAL 7035	2T-P	100	100	14	7	2H	65	OK	-	POL	80	02	

Signed By

Total : 12.140

We hereby certify that the materials described herein has been inspected in accordance with and qualifies to the above specification.

NS KHOPOLI LIMITED
KHOPOLI PEN ROAD, Donval, Taluka-Khalapur,
District: Raigad-410202

Quality Assurance

This is a computer generated MTC.
Hence does not require signature.

AM/NS Khopoli

AMNS KHOPOLI LIMITED
(FORMERLY UTTAM GALVA STEELS LTD)

IS 14246 : 2013

AN ISO 9001 : 2015
Certified Company

AMNS KHOPOLI LIMITED Pin code- 410202 Phone No- 02192392200 Fax No- 021922278143

CML-7700111211



Sold to party
ARCCELORMITTAL NIPPON STEEL I
LTD.
PLOT NO A-6,
SIPCOT ORAGADAM, Kanchipuram
ARCCELORMITTAL NIPPON STEEL I
LTD.
PLOT NO A-6,
SIPCOT ORAGADAM, Kanchipuram

MILL TEST CERTIFICATE
Prepainted GI base Coil (F_pcco_gi)

Test certificate no 2402014935

Invoice No and Date 2402014935 & 21.07.2024

Billing No 2402014935

PO No/Contract No & Date 4500364383 - CHENNAI & 18.07.2024

SO No & Date 0046000219 & 18.07.2024

Standard : EN10169-97 / 80 g/m2

Market Segment

TRD

Batch No.	Size T*W*L	Grade	No of Sheets	Net Wt MT	Chemical Composition (%)				Mechanical Properties			Hardness HRB	ECV mm	Top Color	Bottom color	Bend Test	Impact Test Kg-cm	MEKOR DB-RB	T Coat	B Coat	Pencil HDNS	Gloss Top	Cross Hatch	GRD-FLM	Paint Type	Zn coating GSM	S.O.I No
					C	Mn	S	P	YS Mpa	UTS Mpa	%EL 80 GL																
C0124G0200	0.450 mm X 1,220.00 mm X 1,142 m	S250GD		4.53	0.046 -	0.113 -	0.005 -	0.008 -	288	359	26	63	7.00	BRICK RED	RAL 7035	2T-P	100	100	14	7	2H	59	OK	-	POL	80	07

Signed By

Total : 4.530

Quality Assurance

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Hence does not require signature.

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AMNS KHOPOLI LIMITED
KHOPOLI PEN ROAD , Donvat, Taluka-Khalapur,
District: Raigad-410202

AMNS KHOPOLI

AMNS KHOPOLI LIMITED
(FORMERLY UTTAM GALVA STEELS LTD)

IS 14246 : 2013



CML -7700111211

AN ISO 9001 : 2015
Certified Company

AMNS KHOPOLI LIMITED Pin code- 410202 Phone No- 02192392200 Fax No- 02192278143

MILL TEST CERTIFICATE

Sold to party

Prepainted GI base Coil (F_PPCO_GI)

Test certificate no

2402014936

Ship to party

ARCELOMITTAL NIPPON STEEL LTD.
PLOT NO A-6,
SIPCOT ORAGADAM, Kanchipuram
ARCELOMITTAL NIPPON STEEL LTD.
PLOT NO A-6
SIPCOT ORAGADAM, Kanchipuram

Invoice No and Date
Billing No
PO No/Contract No & Date

2402014936 & 21.07.2024
2402014936
4500364383 - CHENNAI & 18.07.2024

SO No & Date
Market Segment
TRD

Standard : EN10169-97 / 80 g/m²

Batch No.	Size T*W*L	Grade	No of Sheets	Net Wt MT	Chemical Composition (%)			Mechanical Properties		Hardness HRB	ECV mm	Top Color	Bottom color	Bend Test	Impact Test Kg-cm	MEKDR DB-RB	T Coat	B Coat	Pencil HDNS	Gloss Top	Cross Hatch	GRD-FLM Type	Zn coating GSM	S.O.i No		
					C	Mn	S	YS Mpa	UTS Mpa																%EL 80 GL	
C0124G0602	0.450 mm X 1,220.00 mm X 925 m	S250GD		3.71	0.040 - 0.190	0.003 - 0.003	0.009 - 0.009	278	370	26	62	6.00	RAL 9002	RAL 7035	2T-P	100	100	14	7	2H	77	OK	-	POL	80	09
C0124G0439	0.450 mm X 1,220.00 mm X 910 m	S250GD		3.66	0.037 - 0.161	0.004 - 0.004	0.006 - 0.006	280	370	26	62	7.00	RAL 9002	RAL 7035	2T-P	100	100	14	7	H	66	OK	-	POL	81	09
C0124G0440	0.450 mm X 1,220.00 mm X 910 m	S250GD		3.66	0.037 - 0.161	0.004 - 0.004	0.006 - 0.006	280	370	26	62	7.00	RAL 9002	RAL 7035	2T-P	100	100	14	7	H	66	OK	-	POL	81	09
C0124G0187	0.450 mm X 1,220.00 mm X 900 m	S250GD		3.57	0.052 - 0.115	0.003 - 0.003	0.007 - 0.007	286	356	25	64	7.00	RAL 9002	RAL 7035	2T-P	100	100	14	7	2H	59	OK	-	POL	80	09
C0124F1444	0.450 mm X 1,220.00 mm X 1,045 m	S250GD		4.08	0.055 - 0.261	0.003 - 0.003	0.010 - 0.010	-	-	-	-	7.00	ROYAL BLUE	RAL 7035	2T-P	100	100	14	7	2H	62	OK	-	POL	80	10
C0124S0328	0.450 mm X 1,220.00 mm X 972 m	S250GD		3.9	0.030 - 0.180	0.006 - 0.006	0.015 - 0.015	286	357	25	63	8.00	ROYAL BLUE	RAL 7035	2T-P	100	100	14	7	2H	62	OK	-	POL	82	10

Total : 22.560

Quality Assurance

This is a computer generated MTC.
Hence does not require signature.

Signed By

AMNS KHOPOLI LIMITED
KHOPOLI PEN ROAD , Donvat Taluka-Khalapur ,
District: Raigad-410202

We hereby certify that the materials described herein has been inspected in accordance with and qualifies to the above specification.



MILL TEST CERTIFICATE

FOR CONTINUOUSLY PRE-PAINTED GALVANIZED STEEL SHEETS & COILS

Test Certificate No. AMNS/TCC/202407061303431448090 Sale Order No./Item No. 2410143506 / 40 Equivalent Specification IS_277_GP250 Eq.Spec. For Color Coat IS_14246 Durability Class CLASS 1	Test Certificate Date 15.03.2025 Sales Order Date 01.07.2024 Material Description Continuously Prepainted Galvanized Steel Coils Invoice No. MH20242000000238 Vehicle No. KA28D3357	To, ARCELORMITTAL NIPPON STEEL I LTD. PLOT NO.A6, SIPCOT INDUSTRIAL 602112 KANCHIPURM 22 India.
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WE CERTIFY THAT THE MATERIAL DESCRIBED BELOW FULLY CONFORMS TO ABOVE SPECIFICATION CHEMICAL COMPOSITION AND MECHENICAL PROPERTIES OF THE PRODUCT, AS TESTED IN ACCORDANCE WITH THE SCHEME OF TESTING AND INSPECTION CONTAINED IN THE BIS CERTIFICATION MARKS LICENCE NO. CML :7500131211 ARE AS INDICATED BELOW AGAINST EACH ORDER NO. ETC.

Heat Analysis (%) of NSZN2074

Heat No	C	Mn	S	P	Si	Al
Min-->	N.S	N.S	N.S	N.S	N.S	0.020
Max-->	0.080	0.500	0.0250	0.025	0.040	0.080
NSZN2074	0.040	0.190	0.0030	0.013	0.000	0.032

Mechanical/Physical & Paint Properties

Item No	Batch ID	Thk	Wid	Len	Qty Net	IMPT	TCT	BCT	BEND	TGLO	ST	PNH	CH	SOLR	PT	GF	ZCOAT
Min-->						N.S	13.00	5.00	N.S	41.00	N.S	N.S	N.S	N.S	N.S	N.S	N.S
Max-->						N.S	15.00	8.00	N.S	60.00	N.S	N.S	N.S	N.S	N.S	N.S	N.S
40	2522SB002T	0.450	1220	1008	4.000	OK	15.000	6.000	OK	54	HCD	OK	OK	100	RMP	N	80

Heat Analysis (%) of NSZN2322

Heat No	C	Mn	S	P	Si	Al
NSZN2322	0.050	0.220	0.0070	0.009	0.010	0.045

Mechanical/Physical & Paint Properties

Item No	Batch ID	Thk	Wid	Len	Qty Net	IMPT	TCT	BCT	BEND	TGLO	ST	PNH	CH	SOLR	PT	GF	ZCOAT
40	0030SC001T	0.450	1220	1156	4.590	OK	15.000	6.000	OK	54	HCD	OK	OK	100	RMP	N	80
40	0030SC002T	0.450	1220	1127	4.475	OK	15	6	OK	54	HCD	OK	OK	100	RMP	N	80
Total					13.065												

TOP COAT COLOR:CC_RELIANCEGREEN_4396, BACK COAT COLOR:RAL_7035_EPOXY

Long Term Testing :Salt Spray Test (As per IS:9844 Shall Pass) Top surface :350 hrs Bottom Surface :200 hrs Note : Mechanical properties can be altered due to ageing & will result in increase of strength & reduction in elongation fluting can occure during processing.	Legends: BCT : Back Coat Thickness, Bend: Bend Test, CH: Cross Hatch, GF: Guard Film, IMPT: Impact Test (100 Kg-Cm), PNH: Pencil Hardness (2H), PT: Paint Type, SOLR: Solvent Resistance, ST: Surface Treatment, TCT: Top Coat Thickness, TGLO: Top Coat Gloss, ZCOAT: Zinc Coating in GSM, N.S: Not Specified Units of measurement: Thk/Wid(MM), Len(MTR), Qty Net(Quantity Net)(MT), BCT(μ), SOLR(DR), TCT(μ), TGLO(%), ZCOAT(GSM)	MANAGER (QUALITY ASSURANCE) FOR ArcelorMittal Nippon Steel India Limited PRECOATED FACILITY
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Test Certificate No. AMNS/TCC/202407061303431448090 Sale Order No./Item No. 2410143506 / 40 Equivalent Specification IS_277_GP250 Eq.Spec. For Color Coat IS_14246 Durability Class CLASS 1	Test Certificate Date 15.03.2025 Sales Order Date 01.07.2024 Material Description Continuously Prepainted Galvanized Steel Coils Invoice No. MH20242000000238 Vehicle No. KA28D3357	To, ARCELORMITTAL NIPPON STEEL I LTD. PLOT NO.A6, SIPCOT INDUSTRIAL 602112 KANCHIPURM 22 India.
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WE CERTIFY THAT THE MATERIAL DESCRIBED BELOW FULLY CONFORMS TO ABOVE SPECIFICATION CHEMICAL COMPOSITION AND MECHENICAL PROPERTIES OF THE PRODUCT, AS TESTED IN ACCORDANCE WITH THE SCHEME OF TESTING AND INSPECTION CONTAINED IN THE BIS CERTIFICATION MARKS LICENCE NO. CML :7500131211 ARE AS INDICATED BELOW AGAINST EACH ORDER NO. ETC.

Heat Analysis (%) of NSZN2074

Heat No	C	Mn	S	P	Si	Al
Min-->	N.S	N.S	N.S	N.S	N.S	0.020
Max-->	0.080	0.500	0.0250	0.025	0.040	0.080
NSZN2074	0.040	0.190	0.0030	0.013	0.000	0.032

Mechanical/Physical & Paint Properties

Item No	Batch ID	Thk	Wid	Len	Qty Net	IMPT	TCT	BCT	BEND	TGLO	ST	PNH	CH	SOLR	PT	GF	ZCOAT
Min-->						N.S	13.00	5.00	N.S	41.00	N.S	N.S	N.S	N.S	N.S	N.S	N.S
Max-->						N.S	15.00	8.00	N.S	60.00	N.S	N.S	N.S	N.S	N.S	N.S	N.S
40	2522SB002T	0.450	1220	1008	4.000	OK	15.000	6.000	OK	54	HCD	OK	OK	100	RMP	N	80

Heat Analysis (%) of NSZN2322

Heat No	C	Mn	S	P	Si	Al
NSZN2322	0.050	0.220	0.0070	0.009	0.010	0.045

Mechanical/Physical & Paint Properties

Item No	Batch ID	Thk	Wid	Len	Qty Net	IMPT	TCT	BCT	BEND	TGLO	ST	PNH	CH	SOLR	PT	GF	ZCOAT
40	0030SC001T	0.450	1220	1156	4.590	OK	15.000	6.000	OK	54	HCD	OK	OK	100	RMP	N	80
40	0030SC002T	0.450	1220	1127	4.475	OK	15	6	OK	54	HCD	OK	OK	100	RMP	N	80
Total					13.065												

TOP COAT COLOR:CC_RELIANCEGREEN_4396, BACK COAT COLOR:RAL_7035_EPOXY

Long Term Testing :Salt Spray Test (As per IS:9844 Shall Pass) Top surface :350 hrs Bottom Surface :200 hrs Note : Mechanical properties can be altered due to ageing & will result in increase of strength & reduction in elongation fluting can occure during processing.	Legends: BCT : Back Coat Thickness, Bend: Bend Test, CH: Cross Hatch, GF: Guard Film, IMPT: Impact Test (100 Kg-Cm), PNH: Pencil Hardness (2H), PT: Paint Type, SOLR: Solvent Resistance, ST: Surface Treatment, TCT: Top Coat Thickness, TGLO: Top Coat Gloss, ZCOAT: Zinc Coating in GSM, N.S: Not Specified Units of measurement: Thk/Wid(MM), Len(MTR), Qty Net(Quantity Net)(MT), BCT(μ), SOLR(DR), TCT(μ), TGLO(%), ZCOAT(GSM)	MANAGER (QUALITY ASSURANCE) FOR ArcelorMittal Nippon Steel India Limited PRECOATED FACILITY
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MILL TEST CERTIFICATE

FOR CONTINUOUSLY PRE-PAINTED GALVANIZED STEEL SHEETS & COILS

Test Certificate No.	AMNS/TCC/202412101017581777920	Test Certificate Date	15.03.2025	To, RAMESH IRON AND STEEL COMPANY INDIA PRIVATE LIMITED
Sale Order No./Item No.	2120526429 / 30	Sales Order Date	09.12.2024	234-235,
Equivalent Specification	IS_277_GP250	Material Description	Continuously Prepainted Galvanized Steel Coils	641002
Eq.Spec. For Color Coat	IS_14246	Invoice No.	MH20241000024372	COIMBATORE 22
Durability Class	CLASS 1	Vehicle No.	MH45AF7707	India.

WE CERTIFY THAT THE MATERIAL DESCRIBED BELOW FULLY CONFORMS TO ABOVE SPECIFICATION CHEMICAL COMPOSITION AND MECHENICAL PROPERTIES OF THE PRODUCT, AS TESTED IN ACCORDANCE WITH THE SCHEME OF TESTING AND INSPECTION CONTAINED IN THE BIS CERTIFICATION MARKS LICENCE NO. CML :7500131211 ARE AS INDICATED BELOW AGAINST EACH ORDER NO. ETC.

Heat Analysis (%) of NS4251933

Heat No	C	Mn	S	P	Si	Al
Min-->	N.S	N.S	N.S	N.S	N.S	0.020
Max-->	0.080	0.500	0.0250	0.025	0.040	0.080
NS4251933	0.030	0.170	0.0050	0.015	0.000	0.038

Mechanical/Physical & Paint Properties

Item No	Batch ID	Thk	Wid	Qty Net	IMPT	TCT	BCT	BEND	TGLO	ST	PNH	CH	SOLR	PT	GF	ZCOAT
Min-->					N.S	14.00	5.00	N.S	41.00	N.S	N.S	N.S	N.S	N.S	N.S	N.S
Max-->					N.S	16.00	8.00	N.S	60.00	N.S	N.S	N.S	N.S	N.S	N.S	N.S
30	1354SD002W	0.450	1220	4.980	OK	15.000	7.000	OK	54	HCD	OK	OK	100	RMP	N	80
Total				4.980												

TOP COAT COLOR:CC_RAL9002_4187, BACK COAT COLOR:RAL_7035_EPOXY

Long Term Testing :Salt Spray Test (As per IS:9844 Shall Pass)
Top surface :350 hrs
Bottom Surface :200 hrs

Note :
Mechanical properties can be altered due to ageing & will result in increase of strength & reduction in elongation fluting can occure during processing.

Legends: BCT : Back Coat Thickness, Bend: Bend Test, CH: Cross Hatch, GF: Guard Film, IMPT: Impact Test (100 Kg-Cm), PNH: Pencil Hardness (2H), PT: Paint Type, SOLR: Solvent Resistance, ST: Surface Treatment, TCT: Top Coat Thickness, TGLO: Top Coat Gloss, ZCOAT: Zinc Coating in GSM, N.S: Not Specified

Units of measurement: Thk/Wid(MM), Len(MTR), Qty Net(Quantity Net)(MT), BCT(μ), SOLR(DR), TCT(μ), TGLO(%), ZCOAT(GSM)

MANAGER (QUALITY ASSURANCE)
FOR ArcelorMittal Nippon Steel India Limited PRECOATED FACILITY