



TEST CERTIFICATE

SHIP TO: ARCELORMITTAL PLATE LLC
NORTH SHORE SUPPLY CO
C/O WALTON BARGE
13040 MARKET ST
ZONE 1 TRACK 776
HOUSTON TX 77015

PAGE NO: 01 OF 03
FILE NO: 5821-01-05
MILL ORDER NO: 84820-003
MELT NO: D2143
SLAB NO: 2A
DATE: 11/08/17

SOLD TO: NORTH SHORE SUPPLY CO
PO BOX 9940
HOUSTON TX 77213

SEND TO: 01-0

STEEL PLATE DIMENSIONS / DESCRIPTION

TOTAL QTY	GAUGE	WIDTH	LENGTH	DESCRIPTION	PIECE WEIGHT
10	.1875"	96"	480"	RECTANGLE	2450#

CUSTOMER INFORMATION

CUSTOMER PO: 292269

SPECIFICATION(S)

THIS MATERIAL HAS BEEN MANUFACTURED AND TESTED IN ACCORDANCE WITH PURCHASE ORDER REQUIREMENTS AND SPECIFICATION(S).

ABS PART-2-SECT-2 YR 17 GR A STRUC
SPEC MODIFIED FOR MANGANESE SILICON KILLED & FINE
GRAIN PRACTICE ABS PART-2-SECT-2 17 GRADE B, ASME
SA36 ED 17, ASTM A131 14 GR A&B AND ASTM A36
PRODUCT OF COIL

THE MANAGEMENT SYSTEMS FOR MANUFACTURE OF THIS PRODUCT ARE CERTIFIED TO ISO 9001:2008 (CERTIFICATE NO. 30130) AND ISO 14001:2004 (CERTIFICATE NO. 49009).

CHEMICAL COMPOSITION (WT%) FOR ALL ELEMENTS EXCEPT H (PPM)

	C	MN	P	S	CU	SI	NI	CR	MO
MELT:D2143	.05	.85	.015	.005	.25	.22	.09	.11	.03
	V	AL	CB						
MELT:D2143	.001	.018	.001						

MANUFACTURE

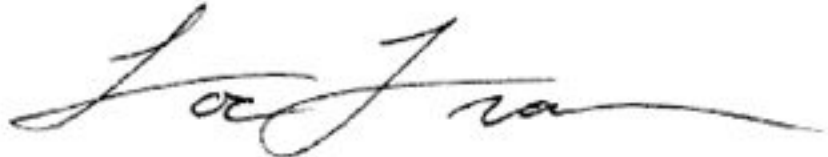
FINE GRAIN PRACTICE

TENSILE PROPERTIES

LOC	DIR	YIELD STRENGTH PSI X 1000	TENSILE STRENGTH PSI X 1000	ELONGATION AFTER FRACTURE GAGE LGTH	%
BOT.	TRANS.	57	67	8.00"	22.0
BOT.	TRANS.	62	71	8.00"	23.0
MID.	TRANS.	49	63	8.00"	30.0
MID.	TRANS.	51	64	8.00"	25.0

WE HEREBY CERTIFY THE ABOVE INFORMATION IS CORRECT:

ARCELORMITTAL PLATE LLC
QUALITY ASSURANCE LABORATORY
139 MODENA ROAD
COATESVILLE, PA 19320


SUPERVISOR - TEST REPORTING
LOC TRAN

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GENERAL INFORMATION

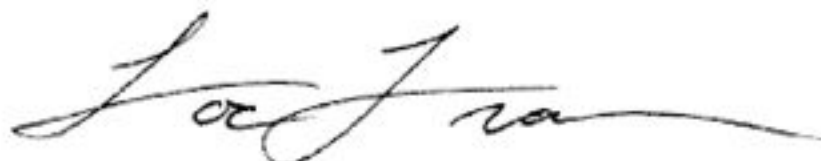
ALL STEEL HAS BEEN MELTED AND MANUFACTURED IN THE U.S.A.
ALL STEEL HAS BEEN MANUFACTURED IN THE U.S.A.
A.B.S. CERTIFICATE QA 2799196-A
A.B.S. CERTIFICATE QA 2799196-B
ACID SOLUBLE ALUMINUM
FOR MORE INFORMATION AND PROCESSING GUIDELINES, REFER TO
WWW.USA.ARCELORMITTAL.COM/PLATE

REDUCTION RATIO - 64

B/L #23908 UMP 63035

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MEXICAN GOVERNMENT PRODUCT IDENTIFICATION REQUIREMENTS:

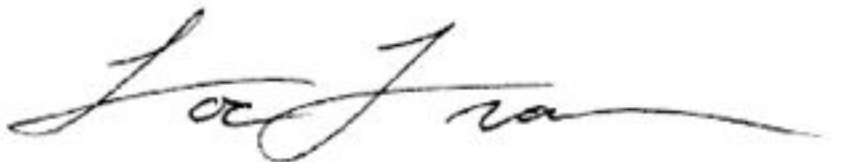
- 01. PRODUCT DESCRIPTION: HOT ROLLED CARBON STEEL PLATE CUT TO LENGTH
- 02. TYPE OF STEEL: NON-ALLOY
- 03. TYPE OF COATING USED: N/A
- 04. TYPE OF FINISHING OR COMPLEMENTARY MANUFACTURING: N/A
- 05. PROPRIETARY STANDARD: ABS PART-2-SECT-2 YR 17 GR A STRUC
SPEC MODIFIED FOR MANGANESE SILICON KILLED & FINE
GRAIN PRACTICE ABS PART-2-SECT-2 17 GRADE B, ASME
SA36 ED 17 , ASTM A131 14 GR A&B AND ASTM A36
- 06. PRODUCT PRESENTATION: PLATE
- 07. ACCESSORIES INTEGRATED TO THE GOOD: N/A
- 08. PRODUCT DIMENSIONS:

GAUGE	WIDTH	LENGTH	
.1875	96	480	INCHES
4.76MM	2438.4MM	12192MM	MILLIMETERS
- 09. TECHNICAL SPECIFICATION: FINE GRAIN PRACTICE
- 10. PHYSICAL SPECIFICATIONS: N/A
- 11. COUNTRY OF ORIGIN: USA
- 12. CHEMICAL COMPOSITION: (WEIGHT %) DETAILED IN MILL TEST REPORT
- 13. PRODUCING MILL: ARCELORMITTAL PLATE LLC
SUPERVISOR TEST REPORTING, QUALITY, 930
139 MODENA ROAD
COATESVILLE, PA 19320

CONTACT PERSON: LOC TRAN
PHONE: (610) 238-7579
EMAIL: MAILTO:LOC.TRAN@ARCELORMITTAL.COM
- 14. CERIFICATE NUMBER: D2143
- 15. PLATE IDENTIFIER: 2A

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INFORMATION IS CORRECT:

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COATESVILLE, PA 19320


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