MATERIAL CERTIFICATION REPORT

ArcelorMittal

ArcelorMittal LaPlace 138 HWY 3217 LaPlace LOUISTANA 70068 Telephone (985) 652-4900 Export Country = USA

Tested in Accordance With: ASTM A6

Sales Order 145770-17

07/09/2015 Date

PO:

Product

Unequal Angles Cust 40006020 Ref. 80811934

Heat NO. Cust . Mat. L98234

Grade A3652950 Length 40' 00"

Pieces 20 Weight 10880

Size

7"X4"X3/8"X13.600

CHEMICAL		MECHANICAL	TEST 1		TEST 2		TEST 3	
ANA	LYSIS	PROPERTIES	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
C	0,12	YIELD STRENGTH	51200 PSI	353 MPa	54400 PSI	375 MPa	T	
Mn	0.88	TENSILE STRENGTH	71400 PSI	492 MPa	74500 PSI	514 MPa		
9	0.008	ELONGATION	34 %	34 %	33 %	33 %	1	
5	0.023	GAUGE LENGTH	8 IN	203 mm	8 IN	203 mm	i	
ii	0.16	BEND TEST DIAMETER					1	
u	0.31	BEND TEST RESULTS				1		
1	0.15	SPECIMEN AREA		1		1		
r	0.18	REDUCTION OF AREA		1				
0	0.067	IMPACT STRENGTH				1	1	
ь	0.010							

IMPACT STRENGTH	IMPERIAL	METRIC	INTERNAL CLEANLINESS	GRAIN SIZE
AVERAGE			SEVERITY	HARDNESS
TEST TEMP			FREQUENCY	GRAIN PRACTICE
ORIENTATION			RATING	REDUCTION RATIO
This heat makes t	he following	grades: A36	-08,A52950-05,G40.21-CSA5	50W,CSA44W,A70936-09a, ASME SA36-2010,

A57250-07, A70950-10, and the following AASHTO M270 Grades: 36, 50, and 345. Heat is free of Mercury contamination in the process.

Ci	5.7
CE	0.35

0

0.010

V

B Al Sn

N Ti

I hereby certify that the material test results presented here are from the reported heat and are correct. All tests were performed in accordance to the specification reported above. All steel is electric arc furnace melted (billets), manufactured, processed, tested in the U.S.A with satisfactory results. No weld repair was performed on this heat.

Notarized	חסמנו ל	ream	est	

Sworn to and subscribed before me on this 9th day of July, 2015

Signed

MARK EDWARDS, QUALITY ASSURANCE SUPERVISOR

Notary Public

Parish/County

Direct any questions or necessary clarifications concerning this report to the Sales Department 1-800-535-7692(USA)

Certificate of Mill Test Results Page 1 of