

ArcelorMittal Dofasco G.P.
P.O. Box 2460
Hamilton, Ontario
L8N 3J5

TEST REPORT
RAPPORT D'ESSAI

Attention: [NAME]
Fax: [FAX]
Date: 12/08/2019

-Purchase Order/Bon de Commande- -Customer/Client- -Sales Order/Bon de Commande- -Vendor/Vendeur-
AMMEX-DOFASCO-001 002050 HS2 393084001
-Bill of Lading/Connaissance- -Packing Slip/Bordereau de Charge- -Vehicle or Carrier/Vehicule ou Transporteur-
557464 CNRAIL

-Sold To/Vendu A- -Ship To/Expedier A-
ARCELORMITTAL MEXICOS.A. DE C.V. ARCELORMITTAL MEXICOMONTERREY
1G FRANCISCO J'MUGICA 28.2 C.A.V. LIBR. NORESTE
LAZARO CARDENAS, MICHOACAN ESCOBEDO, NUEVO LEON
MEXICO 60950 MEXICO 66050
SACHIN BHATT

-Spec/Norm et Spec- -Material Description/Description du Material-
ASTM A1011 HSLAS GR 50 CLASS 1 (18a) HOT ROLLED STEEL SHEET
STANDARD THICKNESS TOLERANCE HIGH STRENGTH LOW ALLOY STEEL
STANDARD UNEXPOSED SURFACE COILS
MATERIAL CERTIFICATION REQUIRED MILL EDGE PLAIN DRY
Code: 53-114

.1345 X 48 X COIL
WEIGHT: 44810 LBS
-Test Methods/Methods d'Essai-
ASTM A370, E1019, E415, E646

HEAT
COULEE C Mn P S Si Cu Ni Cr Sn Mo Als Alt Cb V Ti Ca N B O
163753 .06 .52 .006 .002 .04 .10 .04 .06 .012 .01 .032 .033 .029 .004 .014 .002 .0087 .0002

MECHANICAL PROPERTIES/PROPRIETES MECANIQUES

TEST UNITS KSI GAUGE LENGTH 2 INCH
SERIAL NUMBER LIFT # DIR YIELD STRENGTH ULTIMATE STRENGTH %ELONG N VALUE
NOMBRE DE SERIE FARDEAU RESISTANCE A LA RESISTANCE A LA ALLONG 10-20%
D'ELASTICITE TRACTION
F36189/00 5030409 L 67 73 27 (*) .15

(*) - Method of elongation calculation: at fracture. / Methode de calcul de l'allongement: au point de fracture.

We Certify That The Material Described Herein Conforms To The Specification Shown On This Document
As shipped from ArcelorMittal Dofasco G.P. as per John Duric - CMTL Supervisor 905-548-7200 x 6960
The Results Relate Only To The Items Tested

This Report Shall Not Be Reproduced Except In Full Without The Expressed Written Approval of The CMTL Supervisor.

This Contract Is Subject To The Terms And Conditions Of Sale Shown On The Order Acknowledgement.
Ce Contrat est Sujet aux Termes et Conditions de Vente Indiques Sur l'Accuse de Reception de Commande.