

A01 ArcelorMittal Poland S.A. Oddział w Dąbrowie Górniczej al. J. Piłsudskiego 92 41-308 Dąbrowa Górnicza	A02 MILL TEST REPORT	Z01.1 Dąbrowa Górnicza, 12.09.2018 																																																
ASTM A6/A6M Nr. 1001876000																																																		
A06.1 Purchaser: ARCELORMITTAL COMMERCIAL SECTIONS S A 4221 ESCH-SUR-ALZETTE Luksemburg / Luxembourg / Luxemburg 66 RUE DE LUXEMBOURG 66 RUE DE LUXEMBOURG A06.2 Address: Acier Leroux div. of Russsel Metals 401697 J4B 6A1 BOUCHERVILLE Kanada / Canada / Kanada 1331, GRAHAM BELL																																																		
A07	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">No of purchase order</th> <th style="width: 20%;">Contract No</th> <th style="width: 20%;">Manuf. Order No/Pos</th> <th style="width: 20%;">Delivery Note</th> <th style="width: 20%;">Number of transport</th> </tr> <tr> <td>M94037300</td> <td>PL/277839653/16-10685468</td> <td>20014545/000007</td> <td>62452828</td> <td>315139455689</td> </tr> <tr> <td colspan="2">ORDER: M94037300</td> <td colspan="2">LOT: SOREL</td> <td>PREBON: 1700023428/7</td> </tr> </table>		No of purchase order	Contract No	Manuf. Order No/Pos	Delivery Note	Number of transport	M94037300	PL/277839653/16-10685468	20014545/000007	62452828	315139455689	ORDER: M94037300		LOT: SOREL		PREBON: 1700023428/7																																	
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ORDER: M94037300		LOT: SOREL		PREBON: 1700023428/7																																														
B01 According Classification standards Tolerance standards ASTM A6/A6M-14 CSA G40.21-04 ASTM A6/A6M-14 B02-B03 B09-B11 Heavy channels C 10 X 15,3 length: 12192,00 mm steel grade: 350W <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">B07 Heat</th> <th style="width: 20%;">Bundles/Pieces</th> <th style="width: 20%;">B13 Weight</th> </tr> <tr> <td>613252</td> <td>8 / 128</td> <td>35,536 t</td> </tr> <tr> <td colspan="2">Total</td> <td></td> </tr> <tr> <td></td> <td>04:33:02 8 / 128</td> <td>ORYGINAL/ORIGINAL 35,536 t</td> </tr> </table>			B07 Heat	Bundles/Pieces	B13 Weight	613252	8 / 128	35,536 t	Total				04:33:02 8 / 128	ORYGINAL/ORIGINAL 35,536 t																																				
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B07 Heat C71-C92 Chemical composition [%] <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th></th> <th>C</th> <th>Mn</th> <th>Si</th> <th>P</th> <th>S</th> <th>Cu</th> <th>Cr</th> <th>Ni</th> <th>Al</th> <th>N₂</th> <th>Mo</th> <th>Nb</th> <th>V</th> <th>Ti</th> <th>Sn</th> <th>Pb</th> <th>As</th> <th>B</th> <th>O</th> <th>H₂</th> <th>CEV</th> </tr> <tr> <td>613252</td> <td>0,18</td> <td>0,71</td> <td>0,195</td> <td>0,013</td> <td>0,010</td> <td>0,03</td> <td>0,04</td> <td>0,015</td> <td>0,003</td> <td>0,0087</td> <td>0,005</td> <td>0,001</td> <td>0,023</td> <td>0,001</td> <td>0,004</td> <td>0,001</td> <td>0,001</td> <td>0,0002</td> <td></td> <td></td> <td>0,28</td> </tr> </table>				C	Mn	Si	P	S	Cu	Cr	Ni	Al	N ₂	Mo	Nb	V	Ti	Sn	Pb	As	B	O	H ₂	CEV	613252	0,18	0,71	0,195	0,013	0,010	0,03	0,04	0,015	0,003	0,0087	0,005	0,001	0,023	0,001	0,004	0,001	0,001	0,0002			0,28				
	C	Mn	Si	P	S	Cu	Cr	Ni	Al	N ₂	Mo	Nb	V	Ti	Sn	Pb	As	B	O	H ₂	CEV																													
613252	0,18	0,71	0,195	0,013	0,010	0,03	0,04	0,015	0,003	0,0087	0,005	0,001	0,023	0,001	0,004	0,001	0,001	0,0002			0,28																													
Mechanical properties <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">B07</th> <th style="width: 10%;">C11</th> <th style="width: 10%;">C12</th> <th style="width: 10%;">C13</th> <th style="width: 10%;">D73</th> <th style="width: 10%;">C41</th> <th style="width: 10%;">C44</th> <th style="width: 40%;">C42 - Work of fracture</th> </tr> <tr> <th colspan="7"></th> <th>CHARPY IMPACT TEST [J]</th> </tr> <tr> <th>Heat</th> <th>YS</th> <th>YS02</th> <th>UTS</th> <th>EL</th> <th>EL</th> <th>YS/UTS</th> <th>YS02/UTS</th> </tr> <tr> <td></td> <td>[Mpa]</td> <td>[Mpa]</td> <td>[Mpa]</td> <td>[mm]</td> <td>[%]</td> <td></td> <td></td> </tr> <tr> <td>613252</td> <td>417,0</td> <td></td> <td>508,0</td> <td>200</td> <td>20,1</td> <td>0,82</td> <td></td> </tr> <tr> <td>613252</td> <td>433,0</td> <td></td> <td>508,0</td> <td>200</td> <td>20,2</td> <td>0,85</td> <td></td> </tr> </table>			B07	C11	C12	C13	D73	C41	C44	C42 - Work of fracture								CHARPY IMPACT TEST [J]	Heat	YS	YS02	UTS	EL	EL	YS/UTS	YS02/UTS		[Mpa]	[Mpa]	[Mpa]	[mm]	[%]			613252	417,0		508,0	200	20,1	0,82		613252	433,0		508,0	200	20,2	0,85	
B07	C11	C12	C13	D73	C41	C44	C42 - Work of fracture																																											
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ZD1 Statement of compliance: The producer guarantees that delivered goods are in accordance with the conditions of the order.																																																		
A05, Z02.2 Główny Specjalista ds. Certyfikacji Wyrobów i Dokumentacji (signature) Zdzisław Kozłowski																																																		

Wyślów: Antoni Gaczkowski



094124694

Strona 1 / 1



DIVISION OF RUSSEL METALS INC.
DIVISION DE MÉTAUX RUSSEL INC.



0E89340478-56711

COMBINATION SHORT FORM OF STRAIGHT BILL OF LADING - EXPRESS SHIPPING CONTRACT,
SUBJECT TO ALL TERMS, CONDITIONS AND LIMITATIONS INCORPORATED BY REFERENCE AS SHOWN ON THE BACK OF THIS BILL.
FORMULAIRE COMBINÉ DE CONNAISSANCEMENT DIRECT - ET DE CONTRAT D'EXPÉDITION PAR
MESSAGERIE ASSUJÉTI À TOUTES LES MODALITÉS, CONDITIONS ET LIMITATIONS QUI Y SONT INTÉGRÉES PAR RENVOI, AINSI
QU'IL EST INDIQUÉ AU VERSO OU PRÉSENT CONNAISSEMENT.

ACIER LEROUX
1675 ROUTE DE L'AÉROPORT
C.P. 550 AMOS QC J9T3

TEL#: (819) 732-8381

PROMISE.....: 05/31/17
REPRESENTANT J LALANCETTE

EXPÉDIÉ: 00
NORMEX METAL
9088-6615 QUEBEC INC.
11, BOUL. INDUSTRIEL
ROUTE 111 EST
LA SARRE QC J9Z 2X2

VENDU: 8910165 05/30/17
NORMEX METAL
9088-6615 QUEBEC INC.
P.O. BOX 565
EARLTON ON P0J 1E0

FREIGHT TERMS
MODALITÉS DE TRANSPORT
PORT PAYÉ
CARRIER
TRANSPORTEUR# 006
NOTRE CAMION
CUSTOMER PHONE #
TÉLÉPHONE À LA CLIENTÈLE #
(819) 333-1200

#BCC PLA06076

RELACHE#

VEHICLE IDENT
IDENTIFICATION DU VEHICULE

INSTRUCTIONS CLIENT:

NIR: R-527158-1

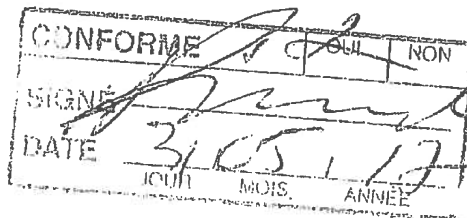
ECRIRE # DE COULEE SUR LA COPIE ROSE DU CLIENT

FERME A 13HR00 LE VENDREDI

DIKE OFF WALK

LN#01 38642 CORNIÈRE ACIER L.à.C 1 1/2 X 1 1/2 X 3/16 44W QTÉ COMM
#PIÉC *L-2478* X 20' 1 EA 36 LB
QTÉ expédiée.....
ÉTQ 9061831 COUL 52077556 1 EA 36 LB PAYS CANADA ✓

LN#02 15889 PROFILÉ EN U 10 X 15.3 50W QTÉ COMM
#PIÉC *L-2479* X 40' 7 EA 4284 LB
QTÉ expédiée.....
ÉTQ 9063112 COUL 613252 7 EA 4284 LB PAYS POLOGNE ✓



Les certificats d'analyse (MTR) seront automatiquement envoyés par email

PAGE: 1

TOTALS PALETTES

8 EA

4320 LB

STEEL, STAINLESS STEEL, ALUMINUM, BRASS,
COPPER, NICKEL AND SPECIALTY STEEL.

ACIER, ACIER INOXYDABLE, ALUMINIUM, LAITON,
COUVRE, NICKEL ET ACIER SPÉCIALISÉ

The above listed products, in a natural state, do not pose inhalation, ingestion or contact hazards.

Prolonged overexposure to dust or fumes during welding, burning, grinding or machining may result in respiratory irritation, skin irritation or disease. USE ADEQUATE VENTILATION AND APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.

For Brass and Copper Alloys, contact with acids may liberate flammable and explosive hydrogen gas. If heated, copper oxide, zinc oxide, nickel oxide, tin oxide, cadmium oxide and/or lead fumes may be evolved. Aluminum products may also during handling or transportation.

CAUTION: MUST BE SECURED FOR HANDLING AND TRANSPORTATION.
et solement strapping may result in the strapping rebounding and injuring those nearby. EXERCISE

For overexposure to metal fumes, remove to fresh air. For skin contact, wash thoroughly with soap and water.

Obtain medical attention if symptoms persist.

SEE MATERIAL SAFETY DATA SHEETS FOR MORE DETAILED INFORMATION.

RECEIVER'S ORDER IS FILLED IN ACCORDANCE WITH THE ABOVE TERMS AND CONDITIONS OF SALE AND THOSE ON THE REVERSE HEREOF. ALL OF WHICH TERMS AND CONDITIONS SUPERSEDE THE TERMS AND CONDITIONS (IF ANY) OF PURCHASER'S ORDER. BY ACCEPT LIVERY OF ALL OR PART OF THE ABOVE-DESCRIBED GOODS (HEREINAFTER CALLED THE "GOODS") OR BY PAYING FOR SAME IN WHOLE OR IN PART PURCHASER AGREES TO ALL THE TERMS AND CONDITIONS SET FORTH ABOVE AND ON THE REVERSE HEREOF.

COMMANDE DE L'ACHETEUR EST EXÉCUTÉE EN CONFORMITÉ DES CONDITIONS DE VENTE STIPULÉES CI-DESSUS ET AU VERSO DES PRÉSENTES. TOUTES CES CONDITIONS REMPLAÇANT CELLES (LE CAS ÉCHÉANT) ÉNONCÉES AU BON DE COMMANDE DE L'ACHETEUR

DEPTANT LA LIVRAISON DE TOUT OU PARTIE DES MARCHANDISES DÉCRITES CI-DESSUS (CI-APRÈS APPELÉES LES "MARCHANDISES") OU EN LES PAYANT INTÉGRALEMENT OU PARTIELLEMENT, L'ACHETEUR ACCEPTE TOUTES LES CONDITIONS STIPULÉES CI-DESSUS ET

150 DES PRÉSENTES.

OFFICE/ADMINISTRATIVE

SHIPPING/EXPEDITION

DRIVER/CHAUFFEUR

CUSTOMER/CLIENT

HL-1.0

6/01/17 8:05:46

EMAIL PAGE COUVERTURE

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Société: Acier Leroux - Amos

6/01/17 8:05:46

Document Sommaire

Page couverture 1

Objet: MILL TEST CERTIFICATE

NO.COMMANDE :89340478

No.Bc Du Client :PLA06076

City : LA SARRE State/Province . QC

Séquence correspondant au(x) MTR imprimé(s):

Ln#	Description item:	Coulée	MTR
1	1 1/2 X 1 1/2 X 3/16 CORN. LAC 44W	52077556	094129587

2	10 X 15.3 PROFILÉ EN U 50W	613252	094124694

**GERDAU**

CA-ML-CAMBRIDGE
160 ORION PLACE
CAMBRIDGE, ON N1T 1R9
Canada

CERTIFIED MATERIAL TEST REPORT

Page 1/1

CUSTOMER SHIP TO LEROUX STEEL 1331 RUE GRAHAM BELL BOUCHERVILLE, QC J4B 6A1 Canada		CUSTOMER BILL TO LEROUX STEEL 1331 RUE GRAHAM BELL BOUCHERVILLE, QC J4B 6A1 Canada		GRADE GGMULTI	SHAPE / SIZE Angle / 1 1/2X1 1/2X3/16	DOCUMENT 0000033196
SALES ORDER 4585552/000060		CUSTOMER MATERIAL N°		LENGTH 20'00"	WEIGHT 25,740 LB	HEAT / BATCH S2077556/02
CUSTOMER PURCHASE ORDER NUMBER 94037961			BILL OF LADING 1301-0000028506	DATE 03/07/2017	SPECIFICATION / DATE or REVISION ASTM A529-14, A572-15 ASTM A6-14, A36-14, ASME SA-36 ASTM A709-15, AASHTO M270-12 CSA G40.20-13/G40.21-13	

CHEMICAL COMPOSITION										
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	V %	Nb %
0.15	0.78	0.020	0.018	0.17	0.25	0.11	0.15	0.031	0.012	0.001

MECHANICAL PROPERTIES					
Elong. %	G/L Inch	UTS PSI	UTS MPa	YS PSI	YS MPa
25.00	8.000	74339	513	53274	367
25.00	8.000	74556	514	53590	370

COMMENTS / NOTES

This grade meets the requirements for the following grades:
ASTM Grades: A36; A529-50; A572-50; A709-36; A709-50
CSA Grades: 44W; 50W
AASHTO Grades: M270-36; M270-50
ASME Grades: SA36



094129587

The above figures are certified chemical and physical test records as contained in the permanent records of company. We certify that these data are correct and in compliance with specified requirements. This material, including the billets, was melted and manufactured in Canada. CMTR complies with EN 10204 3.1.

BHASKAR YALAMANCHILI
QUALITY DIRECTOR

Phone: (409) 769-1014 Email: Bhaskar.Yalamanchili@gerdau.com

LEONARDO NUNES
QUALITY ASSURANCE MGR.

Phone: (905) 668-8811 EXT 4055 Email: Leonardo.Nunes@gerdau.com



EROUX
DIVISION OF RUSSEL METALS INC.
DIVISION de MÉTAUX RUSSEL INC.



0E94853576-21170

COMBINATION SHORT FORM OF STRAIGHT BILL OF LADING - EXPRESS SHIPPING CONTRACT,
SUBJECT TO ALL TERMS, CONDITIONS AND LIMITATIONS INCORPORATED BY REFERENCE AS SHOWN ON THE BACK OF THIS BILL.
FORMULAIRE COMBINÉ DE CONNAISSANCEMENT DIRECT - ET DE CONTRAT D'EXPÉDITION PAR
MESSAGERIE ASSIQUÉ À TOUTES LES MODALITÉS, CONDITIONS ET LIMITATIONS QUI Y SONT INTÉGRÉES PAR RENVOI, AINSI
QU'IL EST INDiqué AU VERSO DU PRÉSENT CONNAISSANCEMENT.

ACIER LÉROUX

1675 ROUTE DE L'AÉROPORT

C.P. 550 AMOS QC J9T3

TEL#: (819) 732-8381

PROMISE.....: 05/31/17

REPRESENTANT J LALANCETTE

EXPÉDIÉ: 00 VENDU: 8910165 05/29/17
NORMEX METAL NORMEX METAL
9088-6615 QUEBEC INC. 9088-6615 QUEBEC INC.
11 BOUL. INDUSTRIEL P.O. BOX 565
ROUTE 111 EST EARLTON ON P0J 1E0
LA SARRE QC J9Z 2X2

FREIGHT TERMS
MODALITÉS DE TRANSPORT
PORT PAYÉ
CARRIER
TRANSPORTEUR RT# 006
NOTRE CAMION
CUSTOMER PHONE #
TÉLÉPHONE À LA CLIENTÈLE #
(819) 333-1200

#BCC PLA06076

RELACHE#

VEHICLE IDENT
IDENTIFICATION DU VÉHICULE

NIR: R-527158-1

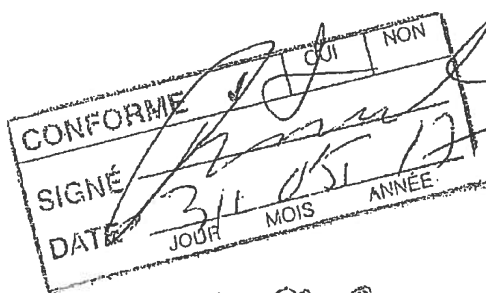
INSTRUCTIONS CLIENT:

ECRIRE # DE COULEE SUR LA COPIE ROSE DU CLIENT

FERME A 13HR00 LE VENDREDI

*PROVINC
DUKE CHATWILL*

LN#03 32222 CORNIÈRE ACIER L.à.C	2 1/2 X 2 1/2 X 1/4 44W	QTÉ COMM
#PIÉC	X 20'	43 EA 3526 LB
QTÉ expédiée.....		
ÉTO 1411627 COUL 52076443	10 EA 820 LB PAYS CANADA	
ÉTO 1413890 COUL 52077202	33 EA 2706 LB PAYS CANADA	
QTÉ Totale Expéd.:	43 EA 3526 LB	



Acier Leroux Amos
DIVISION DE MÉTAUX RUSSEL INC.
SUJET À INSPECTION QUANT À LA QUANTITÉ ET LA QUALITÉ

Reçu le : 30 MAI 2017 Par : *[Signature]*

Inspecté le : Par :

2480

Les certificats d'analyse (MTR) seront automatiquement envoyés par email

PAGE: 1

TOTALS PALETTES

43 EA

3526 LB

STEEL, STAINLESS STEEL, ALUMINUM, BRASS,
COPPER, NICKEL AND SPECIALTY STEEL.

The above listed products, in a natural state, do not pose inhalation, ingestion or contact hazards.

Prolonged overexposure to dust or fumes during welding, burning, grinding or machining may result in respiratory irritation, skin irritation or disease. USE ADEQUATE VENTILATION AND APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.

For Brass and Copper Alloys, contact with acids may liberate flammable and explosive hydrogen gas. If heated, copper oxide, zinc oxide, nickel oxide, tin oxide, cadmium oxide and/or lead fumes may be evolved. Aluminum products may flake during handling or transportation.

DUCTS MUST BE SECURED FOR HANDLING AND TRANSPORTATION. Metal containment strapping may result in the strapping rebounding and injuring those nearby. EXERCISE

For overexposure to metal fumes, remove to fresh air. For skin contact, wash thoroughly with soap and water. Obtain medical attention if symptoms persist.

SEE MATERIAL SAFETY DATA SHEETS FOR MORE DETAILED INFORMATION.

BUYER'S ORDER IS FILLED IN ACCORDANCE WITH THE ABOVE TERMS AND CONDITIONS OF SALE AND THOSE ON THE REVERSE HEREOF. ALL OF WHICH TERMS AND CONDITIONS SUPERSEDE THE TERMS AND CONDITIONS (IF ANY) OF PURCHASER'S ORDER. BY ACCEPT LIVERY OF ALL OR PART OF THE ABOVE-DESCRIBED GOODS (HEREINAFTER CALLED THE "GOODS") OR BY PAYING FOR SAME IN WHOLE OR IN PART PURCHASER AGREES TO ALL THE TERMS AND CONDITIONS SET FORTH ABOVE AND ON THE REVERSE HEREOF.

COMMANDE DE L'ACHETEUR EST EXÉCUTÉE EN CONFORMITÉ DES CONDITIONS DE VENTE STIPULÉES CI-DESSUS ET AU VERSO DES PRÉSENTES. TOUTES CES CONDITIONS REMPLAÇANT CELLES (LE CAS ÉCHÉANT) ÉNONCÉES AU BORD DE COMMANDE DE L'ACHETEUR CEPTANT LA LIVRAISON DE TOUT OU PARTIE DES MARCHANDISES DÉCRITES CI-DESSUS (CI-APRÈS APPELÉES LES "MARCHANDISES") OU EN LES PAYANT INTÉGRALEMENT OU PARTIELLEMENT, L'ACHETEUR ACCEPTE TOUTES LES CONDITIONS STIPULÉES CI-DESSUS ET

OFFICE/ADMINISTRATIVE

SHIPPING/EXPEDITION

DRIVER/CHAUFFEUR

CUSTOMER/CLIENT

RLB 1.04

5/29/17 10:30:07

EMAIL PAGE COUVERTURE

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Société:

5/29/17 10:30:07

Document Sommaire

Page couverture 1

Objet: MILL TEST CERTIFICATE

NO.COMMANDE :94853576

No.Bc Du Client :PLA06076

City : LA SARRE State/Province . QC

Séquence correspondant au(x) MTR imprimé(s):

Ln#	Description item:	Coulée	MTR
3	2 1/2 X 2 1/2 X 1/4 CORN. LÂC 44W	52076443	094128168

3	2 1/2 X 2 1/2 X 1/4 CORN. LÂC 44W	52077202	094128768

**GERDAU**

CA-ML-WHITBY

GERDAU CT

WHITBY, ON L1N 5T1

Canada

CERTIFIED MATERIAL TEST REPORT

Page 1/1

CUSTOMER SHIP TO LEROUX STEEL 1331 RUE GRAHAM BELL BOUCHERVILLE, QC J4B 6A1 Canada		CUSTOMER BILL TO LEROUX STEEL 1331 RUE GRAHAM BELL BOUCHERVILLE, QC J4B 6A1 Canada		GRADE GGMULTI	SHAPE / SIZE Angle / 2 1/2X2 1/2X1/4	DOCUMENT ID: 0000030063
SALES ORDER 4467119/000190		CUSTOMER MATERIAL N°		LENGTH 20'00"	WEIGHT 69,126 LB	HEAT / BATCH 52076443/03
SPECIFICATION / DATE or REVISION ASTM A529-14, A572-15 ASTM A6-14, A36-14, ASME SA-36 ASTM A709-15, AASHTO M270-12 CSA G40.20-13/G40.21-13						
CUSTOMER PURCHASE ORDER NUMBER 94037796-FEMQ1		BILL OF LADING 1302-0000055096		DATE 01/31/2017		

CHEMICAL COMPOSITION

C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	V %	Nb %
0.14	0.70	0.015	0.034	0.20	0.28	0.10	0.14	0.015	0.001

MECHANICAL PROPERTIES

Elong. %	G/L Inch	UTS PSI	UTS MPa	YS 0.2% PSI	YS MPa
29.40	8.000	71765	495	53277	367
29.40	8.000	72203	498	53136	366

COMMENTS / NOTES

This grade meets the requirements for the following grades:
ASTM Grades: A36; A529-50; A572-50; A709-36; A709-50
CSA Grades: 44W; 50W
AASHTO Grades: M270-36; M270-50
ASME Grades: SA36



094128168

The above figures are certified chemical and physical test records as contained in the permanent records of company. We certify that these data are correct and in compliance with specified requirements. This material, including the billets, was melted and manufactured in Canada. CMTR complies with EN 10204 3.1.

BHASKAR YALAMANCHILI
QUALITY DIRECTOR

Phone: (409) 769-1014 Email: Bhaskar.Yalamanchili@gerdau.com

LEONARDO NUNES
QUALITY ASSURANCE MGR.

Phone: (505) 668-8811 EXT 4055 Email: Leonardo.Nunes@gerdau.com

**GERDAU**

CA-ML-WHITBY
1 GERDAU CT
WHITBY, ON L1N 5T1
Canada

CERTIFIED MATERIAL TEST REPORT

Page 1/1

CUSTOMER SHIP TO LEROUX STEEL 1331 RUE GRAHAM BELL BOUCHERVILLE, QC J4B 6A1 Canada		CUSTOMER BILL TO LEROUX STEEL 1331 RUE GRAHAM BELL BOUCHERVILLE, QC J4B 6A1 Canada		GRADE GGMULTI	SHAPE / SIZE Angle / 2 1/2X2 1/2X1/4	DOCUMENT ID: 0000031506
SALES ORDER 4585552/000160		CUSTOMER MATERIAL N°		LENGTH 20'00"	WBIGHT 37.884 LB	HEAT / BATCH 52077202/02
SPECIFICATION / DATE or REVISION ASTM A529-14, A572-15 ASTM A6-14, A36-14, ASME SA-36 ASTM A709-15, AASHTO M270-12 CSA G40.20-13/G40.21-13						
CUSTOMER PURCHASE ORDER NUMBER 94037961		BILL OF LADING 1302-0000055639	DATE 02/13/2017			

CHEMICAL COMPOSITION									
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	V %	Nb %
0.13	0.84	0.018	0.029	0.19	0.31	0.12	0.15	0.016	0.001

MECHANICAL PROPERTIES					
Elong. %	G/L Inch	UTS PSI	UTS MPa	YS 0.2% PSI	YS MPa
29.40	8.000	72857	502	57227	395
28.80	8.000	72833	502	57583	397

COMMENTS / NOTES

This grade meets the requirements for the following grades:
ASTM Grades: A36; A529-50; A572-50; A709-36; A709-50
CSA Grades: 44W; 50W
AASHTO Grades: M270-36; M270-50
ASME Grades: SA36



094128768

The above figures are certified chemical and physical test records as contained in the permanent records of company. We certify that these data are correct and in compliance with specified requirements. This material, including the billets, was melted and manufactured in Canada. CMTR complies with EN 10204 3.1.

BHASKAR YALAMANCHILI
QUALITY DIRECTOR

Phone: (409) 769-1014 Email: Bhaskar.Yalamanchili@gerdau.com

LEONARDO NUNES
QUALITY ASSURANCE MGR.

Phone: (905) 668-8811 EXT 4055 Email: Leonardo.Nunes@gerdau.com



EROUX
DIVISION OF RUSSEL METALS INC.
LE DIVISION DE MÉTAUX RUSSEL INC.



0E89340988-57208

COMBINATION SHORT FORM OF STRAIGHT BILL OF LADING - EXPRESS SHIPPING CONTRACT,
SUBJECT TO ALL TERMS, CONDITIONS AND LIMITATIONS INCORPORATED BY REFERENCE AS SHOWN ON THE BACK OF THIS BILL.
FORMULAIRE COMBINÉ DE CONNAISSANCE DIRECT - ET DE CONTRAT D'EXPÉDITION PAR
MESSAGERIE ASSUJÉTI À TOUTES LES MODALITÉS, CONDITIONS ET LIMITATIONS QUI Y SONT INTÉGRÉES PAR RENVOI, AINSI
QU'IL EST INDIQUÉ AU VERSO DU PRÉSENT CONNAISSANCE.

ACIER LEROUX

1675 ROUTE DE L'AÉROPORT

C.P. 550 AMOS QC J9T3

TEL#: (819) 732-8381

PROMISE.....: 06/14/17

REPRESENTANT Yvan Bégin

EXPÉDIÉ: 00

NORMEX METAL

9088-6615 QUEBEC INC.

11 BOUL. INDUSTRIEL

ROUTE 111 EST

LA SARRE QC J9Z 2X2

VENDU: 8910165

06/06/17

NORMEX METAL

9088-6615 QUEBEC INC.

P.O. BOX 565

EARLTON ON P0J 1E0

FREIGHT TERMS
MODALITÉS DE TRANSPORT

PORT PAYÉ

CARRIER
TRANSPORTEUR RT# 006

NOTRE CAMION

CUSTOMER PHONE #
TÉLÉPHONE À LA CLIENTÈLE #

(819) 333-1200

#BCC PLA06104

RELACHE#

INSTRUCTIONS CLIENT:

ECRIRE # DE COULEE SUR LA COPIE ROSE DU CLIENT

FERME A 13HR00 LE VENDREDI

COMMENT.:

LIVRAISON 14 JUIN 17

VEHICLE IDENT.
IDENTIFICATION DU VEHICULE

NIR:R-527158-1

LN#03 04188 GRIP SPAN ANCHOR AVEC VIS AUTO-PERC

#PIÉC

X

1.0000

QTÉ COMM

10 EA

1 LB

QTÉ expédiée.....

ÉTQ 9063939 COUL LETTRE CONFORME

10 EA

1

LB PAYS CANADA

LN#04 04188 GRIP SPAN CLIPS (S-CLIP)

#PIÉC

X

1.0000

QTÉ COMM

20 EA

2 LB

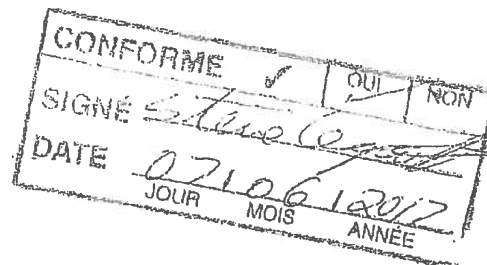
QTÉ expédiée.....

ÉTQ 9063940 COUL LETTRE CONFORME

20 EA

2

LB PAYS CANADA



Les certificats d'analyse (MTR) seront automatiquement envoyés par email

PAGE: 1

TOTALS PALETTES

30 EA

3 LB

STEEL, STAINLESS STEEL, ALUMINUM, BRASS,
COPPER, NICKEL AND SPECIALTY STEEL.

The above listed products, in a natural state, do not pose inhalation, ingestion or contact hazards.

Prolonged overexposure to dust or fumes during welding, burning, grinding or machining may result in respiratory irritation, skin irritation or disease. USE ADEQUATE VENTILATION AND APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.

For Brass and Copper Alloys, contact with acids may liberate flammable and explosive hydrogen gas. If heated, copper oxide, zinc oxide, nickel oxide, tin oxide, cadmium oxide and/or lead fumes may be evolved. Aluminum products may slip during handling or transportation.

PRODUCTS MUST BE SECURED FOR HANDLING AND TRANSPORTATION. Metal containment strapping may result in the strapping rebounding and injuring those nearby. EXERCISE CAUTION.

Exposure to metal fumes, remove to fresh air. For skin contact, wash thoroughly with soap and water. Obtain medical attention if symptoms persist.

SEE MATERIAL SAFETY DATA SHEETS FOR MORE DETAILED INFORMATION.

PURCHASER'S ORDER IS FILED IN ACCORDANCE WITH THE ABOVE TERMS AND CONDITIONS OF SALE AND THOSE ON THE REVERSE HEREOF. ALL OF WHICH TERMS AND CONDITIONS SUPERSEDE THE TERMS AND CONDITIONS SET FORTH ABOVE AND ON THE REVERSE HEREOF. IF COMMANDER DE L'ACHETEUR EST EXÉCUTÉE EN CONFORMITÉ DES CONDITIONS DE VENTE STIPULÉES CI-DESSUS ET AU VERSO DES PRÉSENTES. TOUTES CES CONDITIONS REMPLAÇANT CELLES (LE CAS ÉCHÉANT) ÉNONCÉES AU BON DE COMMANDE DE L'ACHETEUR ACCEPTANT LA LIVRAISON DE TOUT OU PARTIE DES MARCHANDISES DÉCRITES CI-DESSUS (CI-APRÈS APPELÉES LES "MARCHANDISES") OU EN LES PAYANT INTÉGRALEMENT OU PARTIELLEMENT, L'ACHETEUR ACCEPTE TOUTES LES CONDITIONS STIPULÉES CI-DESSUS ET AU VERSO DES PRÉSENTES.

OFFICE/ADMINISTRATIVE

SHIPPING/EXPEDITION

DRIVER/CHAUFFEUR

CUSTOMER/CLIENT

RLR-L

6/06/17 14:48:33

EMAIL COVER PAGE

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Company:

6/06/17 14:48:33

Document Summary:

Cover Page: 1

Subject: MILL TEST CERTIFICATE

Order Number :89340988

Customer PO# :PLA06104

City : LA SARRE

State/Province : QC

The order of the printed MTRs is as follows:

PO Ln#	Item Description:	Heat	MTR
3	INDUSTRIAL FASTENERS		LETTRE CONFORME 089022989



ACCURATE
SCREEN + GRATING
Products with holes, backed with solid service

10905-48 Street S.E, Unit #147, Calgary, AB T2C 1G8

To whom it may concern,

Accurate Screen and Grating certifies all bar grating materials conform to applicable NAAM specifications MBG 531-00 and that all expanded metal conforms to the expanded metal manual EMMA 557-99.

Compliance specification

<u>Expanded Metal</u>	<u>Specification</u>
Carbon Steel	ASTM A366 (alloy C1008)
Aluminum	3003 H-14 aluminum

Channel Grating Diamond and Round Hole

Galvanized	ASTM A36 G90 coating
Aluminum	5052 H-32 aluminum

Ladder Rungs

Galv	ASTM A36 G90 Coating
Aluminum	5052 H-32 aluminum

Bar Grating

Bare and Painted	ASTM A36
Galv	ASTM A36 G90 coating
Aluminum	6063-T6

Materials Manager

Todd Bigelow



089022989

6/06/17 14:48:34

EMAIL COVER PAGE

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Company:

6/06/17 14:48:34

Document Summary:

Cover Page: 1

Subject: MILL TEST CERTIFICATE

Order Number :89340988

Customer PO# :PLA06104

City : LA SARRE

State/Province : QC

The order of the printed MTRs is as follows:

PO Ln#	Item Description:	Heat	MTR
4	INDUSTRIAL FASTENERS		LETTRE CONFORME 089022989



ACCURATE
SCREEN + GRATING
Products with holes, backed with solid service

10905-48 Street S.E, Unit #147, Calgary, AB T2C 1G8

To whom it may concern,

Accurate Screen and Grating certifies all bar grating materials conform to applicable NAAM specifications MBG 531-00 and that all expanded metal conforms to the expanded metal manual EMMA 557-99.

Compliance specification

<u>Expanded Metal</u>	<u>Specification</u>
Carbon Steel	ASTM A366 (alloy C1008)
Aluminum	3003 H-14 aluminum
<u>Channel Grating Diamond and Round Hole</u>	
Galvanized	ASTM A36 G90 coating
Aluminum	5052 H-32 aluminum
<u>Ladder Rungs</u>	
Galv	ASTM A36 G90 Coating
Aluminum	5052 H-32 aluminum
<u>Bar Grating</u>	
Bare and Painted	ASTM A36
Galv	ASTM A36 G90 coating
Aluminum	6063-T6

Materials Manager

Todd Bigelow



089022989



COMBINATION SHORT FORM OF STRAIGHT BILL OF LADING - EXPRESS SHIPPING CONTRACT,
SUBJECT TO ALL TERMS, CONDITIONS AND LIMITATIONS INCORPORATED BY REFERENCE AS SHOWN ON THE BACK OF THIS BILL.
FORMULAIRE COMBINÉ DE CONNAISSANCEMENT DIRECT - ET DE CONTRAT D'EXPÉDITION PAR
MESSAGERIE ASSUJETTI À TOUTES LES MODALITÉS, CONDITIONS ET LIMITATIONS QUI Y SONT INTÉGRÉES PAR RENVOI, AINSI
QU'IL EST INDiqué AU VERSO DU PRÉSENT CONNAISSANCEMENT.

ACIER LEROUX
1675 ROUTE DE L'AÉROPORT
C.P. 550 AMOS QC J9T3

TEL#: (819) 732-8381

PROMISE.....: 06/07/17
REPRESENTANT Yvan Bégin

EXPÉDIÉ: 00
NORMEX METAL
9088-6615 QUEBEC INC.
11 BOUL. INDUSTRIEL
ROUTE 111 EST
LA SARRE QC J9Z 2X2

VENDU: 8910165, 06/06/17
NORMEX METAL
9088-6615 QUEBEC INC.
P.O. BOX 565
EARLTON ON P0J 1E0

FREIGHT TERMS
MODALITÉS DE TRANSPORT
PORT PAYÉ
CARRIAGE
TRANSPORTEUR RT# 006
NOTRE CAMION
CUSTOMER PHONE #
TÉLÉPHONE À LA CLIENTÈLE #
(819) 333-1200

#BCC P0055281 RELACHE#
INSTRUCTIONS CLIENT:
ECRIRE # DE COULEE SUR LA COPIE ROSE DU CLIENT

FERME A 13HR00 LE VENDREDI
COMMENT.:
LIVRAISON 7 JUIN 17

VEHICLE IDENT
IDENTIFICATION DU VEHICULE
NIR: R-527158-1

PRIMEE

LN#03 04188 GRIP SPAN ANCHOR AVEC VIS AUTO-PERC QTÉ COMM
#PIÉC L-2505 X .0394 188 EA 19 LB
QTÉ expédiée.....
ÉTQ 9063941 COUL LETTRE CONFORME 188 EA 19 LB PAYS CANADA
Commentaire GRIP SPAN ANCHORS AVEC VIS AUTO-
PERCANT 1/4" STAINLESS AVEC WASHER
& RUBBER GASKET.

LN#06 04188 GRIP SPAN CLIPS ASS'Y (S-CLIP) QTÉ COMM
#PIÉC L-2506 X .0394 492 EA 49 LB
QTÉ expédiée.....
ÉTQ 9063942 COUL LETTRE CONFORME 492 EA 49 LB PAYS CANADA
Commentaire GRIP SPAN CLIP ASSEMBLIES "S-CLIP"
AVEC 5/16" HEX. HEAD BOLT & ANCHOR

CONFORME	OUI	NON
SIGNÉ	<i>[Signature]</i>	
DATE	07/06/17	
	JOUR	MOIS ANNÉE

Les certificats d'analyse (MTR) seront automatiquement envoyés par email

PAGE: 1

TOTALS PALETTES

680 EA

68 LB

STEEL, STAINLESS STEEL, ALUMINUM, BRASS, COPPER, NICKEL AND SPECIALTY STEEL The above listed products, in a natural state, do not pose inhalation, ingestion or contact hazards. Prolonged overexposure to dust or fumes during welding, burning, grinding or machining may result in respiratory irritation, skin irritation or disease. USE ADEQUATE VENTILATION AND APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT. For Brass and Copper Alloys, contact with acids may liberate flammable and explosive hydrogen gas. If heated, copper oxide, zinc oxide, nickel oxide, tin oxide, cadmium oxide and/or lead fumes may be evolved. Aluminum fumes may also be evolved during handling or transportation. PRODUCTS MUST BE SECURED FOR HANDLING AND TRANSPORTATION. Steel containers may result in the shipping rebounding and injuring those nearby. EXERCISE CAUTION. For overexposure to metal fumes, remove to fresh air. For skin contact, wash thoroughly with soap and water. Obtain medical attention if symptoms persist. SEE MATERIAL SAFETY DATA SHEETS FOR MORE DETAILED INFORMATION. BUYERS ORDER IS FILLED IN ACCORDANCE WITH THE ABOVE TERMS AND CONDITIONS OF SALE AND THOSE ON THE REVERSE HEREOF. ALL OF WHICH TERMS AND CONDITIONS SUPERSEDE THE TERMS AND CONDITIONS OF ANY OF PURCHASERS ORDER. BY ACCEPTING DELIVERY OF ALL OR PART OF THE ABOVE DESCRIBED GOODS (HEREINAFTER CALLED THE "GOODS") OR BY PAYING FOR SAME IN WHOLE OR IN PART PURCHASER AGREES TO ALL THE TERMS AND CONDITIONS SET FORTH ABOVE AND ON THE REVERSE HEREOF. COMMANDE DE L'ACHETEUR EST EXÉCUTÉE EN CONFORMITÉ DES CONDITIONS DE VENTE STIPULÉES CI-DESSUS ET AU VERSO DES PRÉSENTES. TOUTES CES CONDITIONS REMPLAÇANT CELLES (LE CAS ÉCHÉANT) ÉNONCÉES AU BORD DE COMMANDE DE L'ACHETEUR ACCEPTANT LA LIVRAISON DE TOUT OU PARTIE DES MARCHANDISES DÉCRITES CI-DESSUS (CI-APRÈS APPELÉES LES "MARCHANDISES") OU EN LES PAYANT INTÉGRALEMENT OU PARTIELLEMENT, L'ACHETEUR ACCEPTE TOUTES LES CONDITIONS STIPULÉES CI-DESSUS ET AU VERSO DES PRÉSENTES.	ACIER, ACIER INOXYDABLE, ALUMINIUM, LAITON, CUIVRE, NICKEL ET ACIER SPÉCIALISÉ Les produits mentionnés ci-dessus, à l'état brut, ne causent aucun danger au contact, en cas d'inhalation ou d'ingestion. Une surexposition aux poussières ou aux émanations durant la soudure, la coupe ou l'usinage, le moulage ou l'usinage peut entraîner une irritation des voies respiratoires ou de la peau ou autres maladies. UNE VENTILATION ADEQUATE EST DE LAISSE AVOIR OUI EQUIPEMENT PROTECTEUR APPROPRIÉ. Pour ce qui est des alliages de cuivre et de laiton, un contact avec certains acides pourrait dégager des gaz hydrogène explosifs et inflammables. Si chauffé, de fumes de cuivre, de zinc, de nickel, d'étain, de cadmium ou de plomb pourraient s'échapper. Les produits d'aluminium peuvent glisser lors de leur manipulation ou transport. TOUTS LES PRODUITS DOIVENT ÊTRE ATTACHÉS SÉRIEUSEMENT LORS DU TRANSPORT ET DE LA MANIPULATION. Lors de la coupe, les courroies d'acier peuvent rebondir et causer des blessures. MANIPULEZ AVEC PRÉCAUTION. En cas d'une surexposition aux émanations, retirez-vous et respirez de l'air frais. Si y a contact avec la peau lavez la région affectée avec de l'eau et du savon. Si les symptômes persistent consultez votre médecin. POUR PLUS D'INFORMATION, CONSULTEZ LA FEUILLE DE DONNÉES DE SÉCURITÉ.	DATE SIGNED SIGNÉ <i>[Signature]</i>
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6/06/17 14:56:45

EMAIL COVER PAGE

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Company:

6/06/17 14:56:45

Document Summary:

Cover Page: 1

Subject: MILL TEST CERTIFICATE

Order Number :89340822

Customer PO# :P0055281

City : LA SARRE

State/Province : QC

The order of the printed MTRs is as follows:

PO Ln# Item Description:

Heat

MTR

3 INDUSTRIAL FASTENERS

LETTRE CONFORME 089022989



ACCURATE
SCREEN + GRATING
Products with holes, backed with solid service

10905-48 Street S.E, Unit #147, Calgary, AB T2C 1G8

To whom it may concern,

Accurate Screen and Grating certifies all bar grating materials conform to applicable NAAM specifications MBG 531-00 and that all expanded metal conforms to the expanded metal manual EMMA 557-99.

Compliance specification

<u>Expanded Metal</u>	<u>Specification</u>
Carbon Steel	ASTM A366 (alloy C1008)
Aluminum	3003 H-14 aluminum

Channel Grating Diamond and Round Hole

Galvanized	ASTM A36 G90 coating
Aluminum	5052 H-32 aluminum

Ladder Rungs

Galv	ASTM A36 G90 Coating
Aluminum	5052 H-32 aluminum

Bar Grating

Bare and Painted	ASTM A36
Galv	ASTM A36 G90 coating
Aluminum	6063-T6

Materials Manager

Todd Bigelow



089022989

6/06/17 14:56:45

EMAIL COVER PAGE

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Company:

6/06/17 14:56:45

Document Summary:

Cover Page: 1

Subject: MILL TEST CERTIFICATE

Order Number :89340822

Customer PO# :P0055281

City : LA SARRE State/Province : QC

The order of the printed MTRs is as follows:

PO Ln#	Item Description:	Heat	MTR
6	INDUSTRIAL FASTENERS		LETTRE CONFORME 089022989



ACCURATE
SCREEN + GRATING
Products with holes, backed with solid service

10905-48 Street S.E, Unit #147, Calgary, AB T2C 1G8

To whom it may concern,

Accurate Screen and Grating certifies all bar grating materials conform to applicable NAAM specifications MBG 531-00 and that all expanded metal conforms to the expanded metal manual EMMA 557-99.

Compliance specification

<u>Expanded Metal</u>	<u>Specification</u>
Carbon Steel	ASTM A366 (alloy C1008)
Aluminum	3003 H-14 aluminum
<u>Channel Grating Diamond and Round Hole</u>	
Galvanized	ASTM A36 G90 coating
Aluminum	5052 H-32 aluminum
<u>Ladder Rungs</u>	
Galv	ASTM A36 G90 Coating
Aluminum	5052 H-32 aluminum
<u>Bar Grating</u>	
Bare and Painted	ASTM A36
Galv	ASTM A36 G90 coating
Aluminum	6063-T6

Materials Manager

Todd Bigelow



089022989



EROUX
DIVISION OF RUSSELL METALS INC.
DIVISION DE MÉTAUX RUSSEL INC.



0E89340354-57185

COMBINATION SHORT FORM OF STRAIGHT BILL OF LADING - EXPRESS SHIPPING CONTRACT,
SUBJECT TO ALL TERMS, CONDITIONS AND LIMITATIONS INCORPORATED BY REFERENCE AS SHOWN ON THE BACK OF THIS BILL.
FORMULAIRE COMBINÉ DE CONNAISSANCEMENT DIRECT - ET DE CONTRAT D'EXPÉDITION PAR
MESSAGERIE ASSUJÉTI À TOUTES LES MODALITÉS, CONDITIONS ET LIMITATIONS QUI Y SONT INTÉGRÉES PAR RENVOI, AINSI
QU'IL EST INDiqué AU VERSO DU PRÉSENT CONNAISSANCEMENT.

ACIER LEROUX
1675 ROUTE DE L'AÉROPORT
C.P. 550 AMOS QC J9T3

TEL#: (819) 732-8381

PROMISE.....: 06/02/17
REPRESENTANT Yvan Bégin

EXPÉDIÉ: 00
NORMEX METAL
9088-6615 QUEBEC INC.
11 BOUL. INDUSTRIEL
ROUTE 111 EST
LA SARRE QC J9Z 2X2

VENDU: 8910165 06/06/17
NORMEX METAL
9088-6615 QUEBEC INC.
P.O. BOX 565
EARLTON ON P0J 1E0

FREIGHT TERMS
MODALITÉS DE TRANSPORT
PORT PAYÉ
CARRIER
TRANSPORTEUR RT# 006
NOTRE CAMION
CUSTOMER PHONE #
TÉLÉPHONE À LA CLIENTÈLE #
(819) 333-1200

#BCC P0055281

RELACHE#

INSTRUCTIONS CLIENT:

ECRIRE # DE COULEE SUR LA COPIE ROSE DU CLIENT

FERME A 13HR00 LE VENDREDI

COMMENT.:

LIVRAISON PARTIELLE: 2 JUIN 17
LIVRAISON FINALE: 7 JUIN 17

VEHICLE IDENT.
IDENTIFICATION DU VEHICULE

NIR: R-527158-1

LN#01 54306 GRILLE 9 1/2 X1 1/2 XCALIBRE12 SECURITE MOTIF DIAMANT GALV QTE COMM
#PIEC L-2503 OK X 12' 41 EA 2460 LB
QTE expédiée.....
ÉTQ 9063943 COUL LETTRE CONFORME 41 EA 2460 LB PAYS CANADA

LN#02 54328 GRILLE 11 3/4 X1 1/2 XCALIBRE12 SECURITE MOTIF DIAMANT GALV QTE COMM
#PIEC L-2504 OK X 12' 50 EA 3540 LB
QTE expédiée.....
ÉTQ 9063884 COUL LETTRE CONFORME 50 EA PAYS CANADA

CONFORME	OUI	NON
SIGNÉ		
DATE		
JOUR	MOIS	ANNEE

Les certificats d'analyse (MTR) seront automatiquement envoyés par email

PAGE: 1

TOTALS PALETTES

91 EA 6000 LB

STEEL, STAINLESS STEEL, ALUMINUM, BRASS,
COPPER, NICKEL AND SPECIALTY STEEL.

The above listed products, in a natural state, do not pose inhalation, ingestion or contact hazards.
Prolonged exposures to dust or fumes during welding, burning, grinding or machining may result in respiratory irritation, skin irritation or disease. USE ADEQUATE VENTILATION AND APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.

For Brass and Copper Alloys, contact with acids may liberate flammable and explosive hydrogen gas. If heated, copper oxide, zinc oxide, nickel oxide, tin oxide, cadmium oxide and/or lead fumes may be evolved. Aluminum oxide may slip during handling or transportation.

TOXICITY MUST BE SECURED FOR HANDLING AND TRANSPORTATION.
If a confinement strapping may result in the strapping rebounding and injuring those nearby. EXERCISE CAUTION.

For overexposure to metal fumes, remove to fresh air. For skin contact, wash thoroughly with soap and water. Obtain medical attention if symptoms persist.

SEE MATERIAL SAFETY DATA SHEETS FOR MORE DETAILED INFORMATION.



ACIER, ACIER INOXYDABLE, ALUMINIUM, LAITON,
CUIVRE, NICKEL ET ACIER SPECIALISE

Les produits mentionnés ci-dessus, à l'état brut, ne causent aucun danger au contact, en cas d'inhalation ou d'ingestion.
Une exposition aux poussières ou aux émanations durant la soudure, la coupe au chalumeau, le moulage ou l'usinage peuvent résulter en une irritation des voies respiratoires ou de la peau ou autres maladies. UNE VENTILATION ADEQUATE EST DE MISE AINSI QU'UN EQUIPEMENT PROTECTEUR APPROPRIÉ.

Pour ce qui est des alliages de cuivre et de l'aiton, un contact avec certains acides peuvent dégager des gaz hydrogène explosifs et inflammables. Si chauffé, de l'oxyde de cuivre, de zinc, de nickel, d'étain, de cadmium et/ou des vapeurs de plomb pourraient s'échapper. Les produits d'aluminium peuvent glisser lors de leur manipulation ou transportation.

TOUTES LES PRODUITS DOIVENT ÊTRE ATTACHÉS SOULEMENT LOIN DU TRANSPORT ET DE LA MANIPULATION.

Lors de la coupe, les copeaux d'acier peuvent rebondir et causer des blessures. MANIPULEZ AVEC PRÉCAUTION.

En cas d'une surexposition aux émanations, retirez-vous et respirez de l'air frais. Si y a contact avec la peau laver la région affectée avec de l'eau et du savon. Si les symptômes persistent consultez votre médecin.

Pour plus d'information, consultez la feuille de données de sécurité.

DATE

SIGNÉ
SIGNÉ

PURCHASER'S ORDER IS FILLED IN ACCORDANCE WITH THE ABOVE TERMS AND CONDITIONS OF SALE AND THOSE ON THE REVERSE HEREOF, ALL OF WHICH TERMS AND CONDITIONS SUPERSEDE THE TERMS AND CONDITIONS (IF ANY) OF PURCHASER'S ORDER, BY ACCEPTANCE OF ALL OR PART OF THE ABOVE DESCRIBED GOODS (HEREINAFTER CALLED THE "GOODS") OR BY PAYING FOR SAME IN WHOLE OR IN PART PURCHASER AGREES TO ALL THE TERMS AND CONDITIONS SET FORTH ABOVE AND ON THE REVERSE HEREOF.

LA COMMANDE DE L'ACHETEUR EST EXÉCUTÉE EN CONFORMITÉ DES CONDITIONS DE VENTE STIPULÉES CI-DESSUS ET AU VERSO DES PRÉSENTES. TOUTES CES CONDITIONS REMPLAÇANT CELLES (LE CAS ÉCHÉANT) ÉNONCÉES AU BON DE COMMANDE DE L'ACHETEUR ACCEPTANT LA LIVRAISON DE TOUT OU PARTIE DES MARCHANDISES CI-DESSUS (CHAPÊTES APPELÉES LES "MARCHANDISES") OU EN LES PAYANT INTÉGRALEMENT OU PARTIELLEMENT, L'ACHETEUR ACCEPTE TOUTES LES CONDITIONS STIPULÉES CI-DESSUS ET AU VERSO DES PRÉSENTES.

OFFICE/ADMINISTRATIVE

SHIPPING/EXPEDITION

DRIVER/CHAUFFEUR

CUSTOMER/CLIENT

MLL

6/07/17 9:22:54

EMAIL PAGE COUVERTURE

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Société:

6/07/17 9:22:54

Document Sommaire

Page couverture 1

Objet: MILL TEST CERTIFICATE

NO.COMMANDE :89340354

No.Bc Du Client :P0055281

City : LA SARRE State/Province . QC

Séquence correspondant au(x) MTR imprimé(s):

Ln#	Description item:	Coulée	MTR
1	9 1/2 X 1 1/2 X12CAL GR.SÉC DIA GAL LETTRE CONFORME		089022989

2	11 3/4X 1 1/2 X12CAL G.SÉC DIA GALV LETTRE CONFORME		089026958



ACCURATE
SCREEN + GRATING
Products with holes, backed with solid service

10905-48 Street S.E, Unit #147, Calgary, AB T2C 1G8

To whom it may concern,

- Accurate Screen and Grating certifies all bar grating materials conform to applicable NAAM specifications MBG 531-00 and that all expanded metal conforms to the expanded metal manual EMMA 557-99.

Compliance specification

<u>Expanded Metal</u>	<u>Specification</u>
Carbon Steel	ASTM A366 (alloy C1008)
Aluminum	3003 H-14 aluminum
<u>Channel Grating Diamond and Round Hole</u>	
Galvanized	ASTM A36 G90 coating
Aluminum	5052 H-32 aluminum
<u>Ladder Rungs</u>	
Galv	ASTM A36 G90 Coating
Aluminum	5052 H-32 aluminum
<u>Bar Grating</u>	
Bare and Painted	ASTM A36
Galv	ASTM A36 G90 coating
Aluminum	6063-T6

Materials Manager

Todd Bigelow



089022989



3 janvier 2017

Client : ACIER LEROUX AMOS

Bon de Commande : VALIDE POUR 2017

La présente certifie qu'AMICO DRAMEX a expédié ou expédiera un ou plusieurs produits décrits ci-dessous, et que ces derniers répondent aux normes correspondantes.

PRODUIT	PAYS D'ORIGINE	SPECIFICATIONS
Métal déployé	Canada	EMMA-557 Acier : ASTM A1011 CS-T-B / A1008 Aluminium : ASTM B209 Galvanisé à chaud : ASTM A123 Inoxydable : T-304, T-316
Caillebotis a barre soudé	États-Unis	NAAMM MGB-531 Acier : ASTM A1011/A1011M Galvanisé à chaud : ASTM A123 Inoxydable : T-304, T-316
Caillebotis "Swage Locked"	États-Unis	NAAMM MGB-531 Aluminium : ASTM B-221, 6063-T6
Profilés Diamond Grip, Safety Grip, Safety Tread Planchers et Barreaux Safety Tread	Canada	Acier : ASTM 1011 Acier Pré-galvanisé : G 90, ASTM A653 Aluminium : 5052-H32 Inoxydable : T-304, T-316



089026958

AMICO DRAMEX

62 rue Kelly, St-Jean-sur-Richelieu, Québec, Tel. 800.463.3255, Fax 450.347.0541, amico-online.com

A GIBALTAR INDUSTRIES COMPANY



LEROUX
DIVISION OF RUSSEL METALS INC.
DIVISION DE MÉTAUX RUSSEL INC.



0E89340983-57649

COMBINATION SHORT FORM OF STRAIGHT BILL OF LADING - EXPRESS SHIPPING CONTRACT,
SUBJECT TO ALL TERMS, CONDITIONS AND LIMITATIONS INCORPORATED BY REFERENCE AS SHOWN ON THE BACK OF THIS BILL.
FORMULAIRE COMBINÉ DE CONNAISSANCE DIRECT - ET DE CONTRAT D'EXPÉDITION PAR
MESSAGERIE ASSUJÉTI À TOUTES LES MODALITÉS, CONDITIONS ET LIMITATIONS QUI Y SONT INTÉGRÉES PAR RENVOI, AINSI
QU'IL EST INDiqué AU VERSO DU PRÉSENT CONNAISSANCE.

ACIER LEROUX

1675 ROUTE DE L'AÉROPORT

C.P. 550 AMOS QC J9T3

TEL#: (819) 732-8381

PROMISE.....: 06/14/17

REPRESENTANT Yvan Bégin

EXPÉDIÉ: 00	VENDU: 8910165	06/13/17	FREIGHT TERMS MODALITÉS DE TRANSPORT
NORMEX METAL	NORMEX METAL		PORT PAYÉ
9088-6615 QUEBEC INC.	9088-6615 QUEBEC INC.		CARRIER TRANSPORTEUR RT# 006
11 BOUL. INDUSTRIEL	P.O. BOX 565		NOTRE CAMION
ROUTE 111 EST	BARLTON ON P0J 1E0		CUSTOMER PHONE # TÉLÉPHONE À LA CLIENTÈLE #
LA SARRE QC J9Z 2X2			(819) 333-1200

#BCC PLA06104

RELACHE#

INSTRUCTIONS CLIENT:

ECRIRE # DE COULEE SUR LA COPIE ROSE DU CLIENT

FERME A 13HR00 LE VENDREDI

COMMENT.:

LIVRAISON 14 JUIN 17

VEHICLE IDENT.
IDENTIFICATION DU VEHICULE

NIR: R-527158-1

LN#01 54306 GRILLE 9 1/2 X 1 1/2 X CALIBRE 12 SECURITE MOTIF DIAMANT GALV. QTE COMM
#PIEC X 12' 2 EA 120 LB

QTE expédiée.....

ETQ 9063943 COUL LETTRE CONFORME 120 LB 2 EA PAYS CANADA

L2521

LN#02 54328 GRILLE 11 3/4 X 1 1/2 X CALIBRE 12 SECURITE MOTIF DIAMANT GALV. QTE COMM
#PIEC X 12' 5 EA 354 LB

QTE expédiée.....

ETQ 9064010 COUL LETTRE CONFORME 354 LB 5 EA PAYS CANADA

L2522

CONFORME	OUI	NON
SIGNÉ		
DATE	14.06.17	
JOUR	MOIS	ANNEE

Les certificats d'analyse (MTR) seront automatiquement envoyés par email

PAGE: 1

TOTALS PALETTES

7 EA .474 LB

STEEL, STAINLESS STEEL, ALUMINUM, BRASS,
COPPER, NICKEL AND SPECIALTY STEEL.

The above listed products, in a natural state, do not pose inhalation, ingestion or contact hazards.

Prolonged overexposure to dust or fumes during welding, burning, grinding or machining may result in respiratory irritation, skin irritation or disease. USE ADEQUATE VENTILATION AND APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.

For brass and Copper alloys, contact with acids may liberate flammable and explosive hydrogen gas. If heated, copper oxide, zinc oxide, nickel oxide, tin oxide, cadmium oxide and/or lead fumes may be evolved. Aluminum products may slip during handling or transportation.

HAZARDS MUST BE SECURED FOR HANDLING AND TRANSPORTATION.
Hazardous material shipping may result in the shipping rebounding and injuring those nearby. EXERCISE CAUTION.

For overexposure to metal fumes, remove to fresh air. For skin contact, wash thoroughly with soap and water. Obtain medical attention if symptoms persist.

SEE MATERIAL SAFETY DATA SHEET FOR MORE DETAILED INFORMATION.

PURCHASER'S ORDER IS FILLED IN ACCORDANCE WITH THE ABOVE TERMS AND CONDITIONS OF SALE AND THOSE ON THE REVERSE HEREOF. ALL OF WHICH TERMS AND CONDITIONS SUPERSEDE THE TERMS AND CONDITIONS (IF ANY) OF PURCHASER'S ORDER. BY ACCEPTING THE ORDER, THE PURCHASER AGREES TO ALL THE TERMS AND CONDITIONS SET FORTH ABOVE AND ON THE REVERSE HEREOF. LA COMMANDE DE L'ACHETEUR EST EXÉCUTÉE EN CONFORMITÉ DES CONDITIONS DE VENTE ÉTABLIES CI-DESSUS ET AU VERSO DES PRÉSENTES. TOUTES CES CONDITIONS REMPLACENT CELLES (S'IL Y A ÉCHÉANCE) ÉNONCÉES AU BORD DE LA COMMANDE DE L'ACHETEUR. CEPTANT LA LIVRAISON DE TOUT OU PARTIE DES MARCHANDISES DÉCRITES CI-DESSUS (CI-APRÈS APPELÉES LES "MARCHANDISES") QU'EN LES PAYANT INTÉGRALEMENT OU PARTIELLEMENT, L'ACHETEUR ACCEPTE TOUTES LES CONDITIONS STIPULÉES CI-DESSUS ET AU VERSO DES PRÉSENTES.

OFFICE/ADMINISTRATIVE

SHIPPING/EXPEDITION

DRIVER/CHAUFFEUR

CUSTOMER/CLIENT

RL9 L 04

6/14/17 9:05:39

EMAIL PAGE COUVERTURE

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Société;

6/14/17 9:05:39

Document Sommaire

Page couverture 1

Objet: MILL TEST CERTIFICATE

NO.COMMANDE :89340983

No.Bc Du Client :PLA06104

City : LA SARRE State/Province . QC

Séquence correspondant au(x) MTR imprimé(s):

Ln#	Description item:	Coulée	MTR
1	9 1/2 X 1 1/2 X12CAL GR.SÉC DIA GAL LETTRE CONFORME		089022989

2	11 3/4X 1 1/2 X12CAL G.SÉC DIA GALV LETTRE CONFORME		089026958



ACCURATE
SCREEN + GRATING
Products with holes, backed with solid service

10905-48 Street S.E, Unit #147, Calgary, AB T2C 1G8

To whom it may concern,

Accurate Screen and Grating certifies all bar grating materials conform to applicable NAAM specifications MBG 531-00 and that all expanded metal conforms to the expanded metal manual EMMA 557-99.

Compliance specification

<u>Expanded Metal</u>	<u>Specification</u>
Carbon Steel	ASTM A366 (alloy C1008)
Aluminum	3003 H-14 aluminum
<u>Channel Grating Diamond and Round Hole</u>	
Galvanized	ASTM A36 G90 coating
Aluminum	5052 H-32 aluminum
<u>Ladder Rungs</u>	
Galv	ASTM A36 G90 Coating
Aluminum	5052 H-32 aluminum
<u>Bar Grating</u>	
Bare and Painted	ASTM A36
Galv	ASTM A36 G90 coating
Aluminum	6063-T6

Materials Manager

Todd Bigelow



089022989



3 janvier 2017

Client : ACIER LEROUX AMOS

Bon de Commande : VALIDE POUR 2017

La présente certifie qu'AMICO DRAMEX a expédié ou expédiera un ou plusieurs produits décrits ci-dessous, et que ces derniers répondent aux normes correspondantes.

PRODUIT	PAYS D'ORIGINE	SPECIFICATIONS
Métal déployé	Canada	EMMA-557 Acier : ASTM A1011 CS-T-B / A1008 Aluminium : ASTM B209 Galvanisé à chaud : ASTM A123 Inoxydable : T-304, T-316
Caillebotis a barre soudé	États-Unis	NAAMM MGB-531 Acier : ASTM A1011/A1011M Galvanisé à chaud : ASTM A123 Inoxydable : T-304, T-316
Caillebotis "Swage Locked"	États-Unis	NAAMM MGB-531 Aluminium : ASTM B-221, 6063-T6
Profilés Diamond Grip, Safety Grip, Safety Tread Planchers et Barreaux Safety Tread	Canada	Acier : ASTM 1011 Acier Pré-galvanisé : G 90, ASTM A653 Aluminium : 5052-H32 Inoxydable : T-304, T-316



089026958

AMICO DRAMEX

62 rue Kelly, St-Jean-sur-Richelieu, Québec, Tel. 800.463.3255, Fax 450.347.0541, amico-online.com

A GIBALTAR INDUSTRIES COMPANY 



ROUX
DIVISION OF RUSSEL METALS INC.
DIVISION de MÉTAUX RUSSEL INC.



0E89340445-56798

COMBINATION SHORT FORM OF STRAIGHT BILL OF LADING - EXPRESS SHIPPING CONTRACT,
SUBJECT TO ALL TERMS, CONDITIONS AND LIMITATIONS INCORPORATED BY REFERENCE AS SHOWN ON THE BACK OF THIS BILL.
FORMULAIRE COMBINÉ DE CONNAISSANCEMENT DIRECT - ET DE CONTRAT D'EXPÉDITION PAR
MESSAGERIE ASSUJÉTI À TOUTES LES MODALITÉS, CONDITIONS ET LIMITATIONS QUI Y SONT INTÉGRÉES PAR RENVOI, AINSI
QU'IL EST INDiqué AU VERSO DU PRÉSENT CONNAISSANCEMENT.

ACIER LEROUX
1675 ROUTE DE L'AÉROPORT
C.P. 550 AMOS QC J9T3

TEL#: (819) 732-8381

PROMISE.....: 05/31/17
REPRESENTANT Yvan Bégin

EXPÉDIÉ: 00 VENDU: 8910165 05/31/17
NORMEX METAL NORMEX METAL
9088-6615 QUEBEC INC. 9088-6615 QUEBEC INC.
11 BOUL. INDUSTRIEL P.O. BOX 565
ROUTE 111 EST EARLTON ON P0J 1E0
LA SARRE QC J9Z 2X2

FREIGHT TERMS
MODALITÉS DE TRANSPORT

PORT PAYÉ
CARRIER
TRANSPORTEUR RT# 006
NOTRE CAMION
CUSTOMER PHONE #
TELEPHONE À LA CLIENTÈLE #
(819) 333-1200

#BCC PLA06075

RELACHE#

INSTRUCTIONS CLIENT:

VEHICLE IDENT.
IDENTIFICATION DU VEHICULE

NIR: R-527158-1

ECRIRE # DE COULÉE SUR LA COPIE ROSE DU CLIENT

FERME A 13HR00 LE VENDREDI

COMMENT.:

LIVRAISON 31 MAI 17

PIPE CAT MACK
POMEC

LN#04 28862 PROFILÉ EN U .8 X 13.75 50W QTÉ COMM
#PIÉC X 20' 7 EA 1925 LB
Commentaire A COUPER
7 FOIS 20'

L-2492

CONFORME	OUI	NON
SIGNÉ		
DATE	21.06.17	
	JOUR	MOIS ANNÉE

Les certificats d'analyse (MTR) seront automatiquement envoyés par email

PAGE: 1

TOTALS PALETTES

7 EA

1925 LB

STEEL, STAINLESS STEEL, ALUMINUM, BRASS, COPPER, NICKEL AND SPECIALTY STEEL	ACIER, ACIER INOXYDABLE, ALUMINIUM, LAITON, CUIVRE, NICKEL ET ACIER SPÉCIALISÉ
above listed products, in a natural state, do not pose inhalation, ingestion or contact hazards. alonged overexposure to dust or fumes during welding, burning, grinding or machining may result in irritation, skin irritation or disease. USE ADEQUATE VENTILATION AND APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT. Brass and Copper alloys, contact with acids may liberate flammable and explosive hydrogen gas. If heated, poor acids, zinc oxide, nickel oxide, tin oxide, cadmium oxide and/or lead fumes may be evolved. Aluminum products may slip during handling or transportation. PRODUCTS MUST BE SECURED FOR HANDLING AND TRANSPORTATION. contaminant stripping may result in the stripping rebounding and injuring those nearby. EXERCISE caution to metal fumes, remove to fresh air. For skin contact, wash thoroughly with soap and water. skin medical attention if symptoms persist. SEE MATERIAL SAFETY DATA SHEETS FOR MORE DETAILED INFORMATION.	Les produits mentionnés ci-haut, à l'état brut, ne causent aucun danger au contact, en cas d'inhalation ou d'ingestion. Une surexposition aux poussières ou aux émanations durant la soudure, la coupe au chalumeau, le meulage ou l'usinage pourrait résulter en une irritation des voies respiratoires ou de la peau ou autres maladies. UNE VENTILATION ADEQUATE EST DE MISE AINSI QU'UN ÉQUIPEMENT PROTECTEUR APPROPRIÉ. Pour ce qui est des alliages de cuivre et de laiton, un contact avec certains acides pourrait dégager des gaz hydrogène explosifs et inflammables. Si chauffé, de l'oxyde de cuivre, de zinc, de nickel, d'étain, de cadmium ou des vapeurs de plomb pourraient s'échapper. Les produits d'aluminium peuvent glisser lors de leur manipulation ou transport. TOUTS LES PRODUITS DOIVENT ÊTRE ATTACHÉS SOLIDEMENT LORS DU TRANSPORT ET DE LA MANIPULATION. En cas d'une surexposition aux émanations, retirez-vous et respirez de l'air frais. Si y a contact avec la peau lavez la région affectée avec de l'eau et du savon. Si les symptômes persistent consultez votre médecin. POUR PLUS D'INFORMATION, CONSULTEZ LA FEUILLE DE DONNÉES DE SÉCURITÉ. PRECAUTION: Lors de la coupe, les courroies d'acier peuvent rebondir et causer des blessures. MANIPULEZ AVEC PRÉCAUTION.
DATE	
SIGNÉ	
SIGNÉ	
DATE	
JOUR MOIS ANNÉE	

HAUSERS ORDER IS FILLED IN ACCORDANCE WITH THE ABOVE TERMS AND CONDITIONS OF SALE AND THOSE ON THE REVERSE HEREOF, ALL OF WHICH TERMS AND CONDITIONS SUPERSEDE THE TERMS AND CONDITIONS (IF ANY) OF PURCHASERS ORDER, BY ACCEPTING
VERY OF ALL OR PART OF THE ABOVE-DESCRIBED GOODS (HEREINAFTER CALLED THE "GOODS") OR BY PAYING FOR SAME IN WHOLE OR IN PART PURCHASER AGREES TO ALL THE TERMS AND CONDITIONS SET FORTH ABOVE AND ON THE REVERSE HEREOF
J'AI LAI LA LIVRAISON DE TOUT OU PARTIE DES MARCHANDISES DÉCRITES CI-DESSUS (CI-APRÈS APPELÉES LES "MARCHANDISES") OU EN LES PAYANT INTÉGRALEMENT OU PARTIELLEMENT, L'ACHÉTEUR ACCEPTE TOUTES LES CONDITIONS STIPULÉES CI-DESSUS ET AI
O DES PRÉSENTES.

OFFICE/ADMINISTRATIVE

SHIPPING/EXPEDITION

DRIVER/CHAUFFEUR

CUSTOMER/CLIENT

RL9-L 04/1

6/02/17 9:05:21

EMAIL PAGE COUVERTURE

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Société:

6/02/17 9:05:21

Document Sommaire

Page couverture 1

Objet: MILL TEST CERTIFICATE

NO.COMMANDE :89340445

No.Bc Du Client :PLA06075

City : LA SARRE State/Province . QC

Séquence correspondant au(x) MTR imprimé(s):

Ln#	Description item:	Coulée	MTR
4	8 X 13.75 PROFILÉ EN U 50W	622636	094125424

4	8 X 13.75 PROFILÉ EN U 50W	52077454	094130101

A01 ArcelorMittal Poland S.A. Oddział w Dąbrowie Górniczej al. J. Piłsudskiego 92 41-308 Dąbrowa Górnicza	A07 MILL TEST REPORT	Z01.1 Dąbrowa Górnicza, 12.09.2016																																																
Nr: 1001875531																																																		
A05.1 Purchaser: ARCELORMITTAL COMMERCIAL SECTIONS S A 4221 ESCH-SUR-ALZETTE Luxembourg / Luxembourg / Luxembourg 86 RUE DE LUXEMBOURG 86 RUE DE LUXEMBOURG																																																		
A05.2 Address: Adler Leroux div. of Russel Metals 401697 J4B 6A1 BOUCHERVILLE Canada / Canada / Canada 1331, GRAHAM BELL																																																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">No of purchase order</th> <th style="width: 15%;">Contract No</th> <th style="width: 15%;">Manuf. Order No/Pos</th> <th style="width: 15%;">Delivery Note</th> <th style="width: 15%;">Number of transport</th> </tr> <tr> <td>M94037300</td> <td>PU277839563/16-10885488</td> <td>20014545/000005</td> <td>62453689</td> <td>316139468216</td> </tr> <tr> <td>ORDER: M94037300</td> <td>LOT: SOREL</td> <td></td> <td>PREBON: 1700023428/5</td> <td></td> </tr> </table>			No of purchase order	Contract No	Manuf. Order No/Pos	Delivery Note	Number of transport	M94037300	PU277839563/16-10885488	20014545/000005	62453689	316139468216	ORDER: M94037300	LOT: SOREL		PREBON: 1700023428/5																																		
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C11-C12 Chemical composition [%] <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 5%;">B07 Heat</th> <th style="width: 5%;">C</th> <th style="width: 5%;">Mn</th> <th style="width: 5%;">Si</th> <th style="width: 5%;">P</th> <th style="width: 5%;">S</th> <th style="width: 5%;">Cu</th> <th style="width: 5%;">Cr</th> <th style="width: 5%;">Ni</th> <th style="width: 5%;">Al</th> <th style="width: 5%;">N₂</th> <th style="width: 5%;">Mo</th> <th style="width: 5%;">Nb</th> <th style="width: 5%;">V</th> <th style="width: 5%;">Ti</th> <th style="width: 5%;">Sn</th> <th style="width: 5%;">Pb</th> <th style="width: 5%;">As</th> <th style="width: 5%;">B</th> <th style="width: 5%;">O</th> <th style="width: 5%;">H₂</th> <th style="width: 5%;">CEV</th> </tr> <tr> <td>622636</td> <td>0,18</td> <td>0,83</td> <td>0,187</td> <td>0,018</td> <td>0,008</td> <td>0,01</td> <td>0,03</td> <td>0,005</td> <td>0,002</td> <td>0,0059</td> <td>0,001</td> <td>0,001</td> <td>0,040</td> <td>0,001</td> <td>0,002</td> <td>0,001</td> <td>0,001</td> <td>0,0002</td> <td></td> <td></td> <td>0,31</td> </tr> </table>			B07 Heat	C	Mn	Si	P	S	Cu	Cr	Ni	Al	N ₂	Mo	Nb	V	Ti	Sn	Pb	As	B	O	H ₂	CEV	622636	0,18	0,83	0,187	0,018	0,008	0,01	0,03	0,005	0,002	0,0059	0,001	0,001	0,040	0,001	0,002	0,001	0,001	0,0002			0,31				
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Mechanical properties <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">B07 Heat</th> <th style="width: 10%;">C11</th> <th style="width: 10%;">C12</th> <th style="width: 10%;">C13</th> <th style="width: 10%;">D13</th> <th style="width: 10%;">C11</th> <th style="width: 10%;">C14</th> <th style="width: 10%;">C42 - Work of fracture</th> </tr> <tr> <th colspan="7" style="text-align: center;">TENSILE TEST</th> <th style="text-align: center;">CHARPY IMPACT TEST (J)</th> </tr> <tr> <th></th> <th>YS</th> <th>YS02</th> <th>UTS</th> <th>EL</th> <th>EL</th> <th>YS/UTS</th> <th></th> </tr> <tr> <th></th> <th>[MPa]</th> <th>[MPa]</th> <th>[MPa]</th> <th>[mm]</th> <th>[MPa]</th> <th></th> <th></th> </tr> <tr> <td>622636</td> <td>354,0</td> <td></td> <td>493,0</td> <td>200</td> <td>22,3</td> <td>0,72</td> <td></td> </tr> <tr> <td>622636</td> <td>360,0</td> <td></td> <td>499,0</td> <td>200</td> <td>22,3</td> <td>0,72</td> <td></td> </tr> </table>			B07 Heat	C11	C12	C13	D13	C11	C14	C42 - Work of fracture	TENSILE TEST							CHARPY IMPACT TEST (J)		YS	YS02	UTS	EL	EL	YS/UTS			[MPa]	[MPa]	[MPa]	[mm]	[MPa]			622636	354,0		493,0	200	22,3	0,72		622636	360,0		499,0	200	22,3	0,72	
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Z01 Statement of compliance: The producer guarantees that delivered goods are in accordance with the conditions of the order.																																																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; vertical-align: top;"> A05, Z02.2 </td> <td style="width: 33%;"></td> <td style="width: 33%;"></td> </tr> </table>			A05, Z02.2 																																															
A05, Z02.2 																																																		

Wystawili: Antoni Czuchrański



094125424

Strona 2 / 2

**GERDAU**

CA-ML-WHITBY
1 GERDAU CT
WHITBY, ON L1N 5T1
Canada

CERTIFIED MATERIAL TEST REPORT

Page 1/1

CUSTOMER SHIP TO LEROUX STEEL 1331 RUE GRAHAM BELL BOUCHERVILLE, QC J4B 6A1 Canada		CUSTOMER BILL TO LEROUX STEEL 1331 RUE GRAHAM BELL BOUCHERVILLE, QC J4B 6A1 Canada		GRADE GGMULTI	SHAPE / SIZE Channel / 8 X 13.75#	DOCUMENT ID: 0000035240
SALES ORDER 4777761/000040		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 61,600 LB	HEAT / BATCH 52077454/02
SPECIFICATION / DATE of REVISION ASTM A529-14, A572-15 ASTM A6-14, A36-14, ASME SA-36 ASTM A709-15, AASHTO M270-12 CSA G40.20-13/G40.21-13						
CUSTOMER PURCHASE ORDER NUMBER 94038187		BILL OF LADING 1302-0000057236	DATE 03/20/2017			

CHEMICAL COMPOSITION									
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	V %	Nb %
0.16	0.85	0.014	0.021	0.19	0.24	0.09	0.09	0.021	0.001

MECHANICAL PROPERTIES					
YS 0.2% PSI	UTS PSI	YS MPa	UTS MPa	CL Inch	Elong. %
55132	74822	380	516	8.000	23.60
54768	74073	378	511	8.000	23.60

COMMENTS / NOTES

This grade meets the requirements for the following grades:
ASTM Grades: A36; A529-50; A572-50; A709-36; A709-50
CSA Grades: 44W; 50W
AASHTO Grades: M270-36; M270-50
ASME Grades: SA36



094130101

The above figures are certified chemical and physical test records as contained in the permanent records of company. We certify that these data are correct and in compliance with specified requirements. This material, including the billets, was melted and manufactured in Canada. CMTR complies with EN 10204 3.1.

BHASKAR YALAMANCHILI
QUALITY DIRECTOR

Phone: (409) 769-1014 Email: Bhaskar.Yalamanchili@gerdau.com

LEONARDO NUNES
QUALITY ASSURANCE MGR.

Phone: (505) 668-8811 EXT 4055 Email: Leonardo.Nunes@gerdau.com



COMBINATION SHORT FORM OF STRAIGHT BILL OF LADING - EXPRESS SHIPPING CONTRACT,
SUBJECT TO ALL TERMS, CONDITIONS AND LIMITATIONS INCORPORATED BY REFERENCE AS SHOWN ON THE BACK OF THIS BILL.
FORMULAIRE COMBINÉ DE CONNAISSANCEMENT DIRECT - ET DE CONTRAT D'EXPÉDITION PAR
MESSAGERIE ASSUJÉTI À TOUTES LES MODALITÉS, CONDITIONS ET LIMITATIONS QUI Y SONT INTÉGRÉES PAR RENVOI, AINSI
QU'IL EST INDiqué AU VERSO DU PRÉSENT CONNAISSANCEMENT.

ACIER LEROUX
1675 ROUTE DE L'AÉROPORT
C.P. 550 AMOS QC J9T3

TEL#: (819) 732-8381

PROMISE.....: 05/31/17
REPRESENTANT Yvan Bégin

EXPÉDIÉ: 00 VENDU: 8910165 05/30/17
NORMEX METAL NORMEX METAL
9088-6615 QUEBEC INC. 9088-6615 QUEBEC INC.
11 BOUL. INDUSTRIEL P.O. BOX 565
ROUTE 111 EST EARLTON ON P0J 1E0
LA SARRE QC J9Z 2X2

FREIGHT TERMS
MODALITÉS DE TRANSPORT
PORT PAYÉ
CARRIER
TRANSPORTEUR RT# 006
NOTRE CAMION
CUSTOMER PHONE #
TÉLÉPHONE À LA CLIENTÈLE #
(819) 333-1200

#BCC PLA06075 RELACHE#
INSTRUCTIONS CLIENT:
ECRIRE # DE COULEE SUR LA COPIE ROSE DU CLIENT

FERME A 13HR00 LE VENDREDI
COMMENT.:
LIVRAISON 31 MAI 17

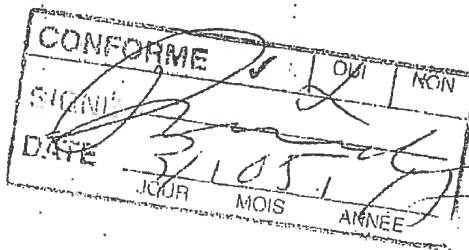
VEHICLE IDENT.
IDENTIFICATION DU VEHICULE

NIR:R-527158-1

PIPE CATHALIK

LN#05 32222 CORNIÈRE ACIER L.A.C. 2.1/2 X 2 1/2 X 1/4 44W QTE COMM
#PIÉC X 20' 10 EA 820 LB
QTE expédiée.....
ÉTIQ 9063603 COUL 52077203 10 EA 820 LB PAYS CANADA

L-2472



Les certificats d'analyse (MTR) seront automatiquement envoyés par email

PAGE: 1

TOTALS PALETTES

10 EA

820 LB

STEEL, STAINLESS STEEL, ALUMINUM, BRASS,
COPPER, NICKEL AND SPECIALTY STEEL.
The above listed products, in a natural state, do not pose inhalation, ingestion or contact hazards.
Prolonged overexposure to dust or fumes during welding, burning, grinding or machining may result in
respiratory irritation, skin irritation or disease. USE ADEQUATE VENTILATION AND APPROPRIATE PERSONAL
PROTECTIVE EQUIPMENT.
For Brass and Copper Alloys, contact with acids may liberate flammable and explosive hydrogen gas. If heated,
copper oxide, zinc oxide, nickel oxide, tin oxide, cadmium oxide and/or lead fumes may be evolved. Aluminum
fumes may slip during handling or transportation.
PRODUCTS MUST BE SECURED FOR HANDLING AND TRANSPORTATION.
Junk containment strapping may result in the strapping rebounding and injuring those nearby. EXERCISE
CAUTION.
For overexposure to metal fumes, remove to fresh air. For skin contact, wash thoroughly with soap and water.
Obtain medical attention if symptoms persist.
SEE MATERIAL SAFETY DATA SHEETS FOR MORE DETAILED INFORMATION.



ACIER, ACIER INOXYDABLE, ALUMINIUM, LAITON,
CUIVRE, NICKEL ET ACIER SPÉCIALISÉ

Les produits mentionnés ci-haut, à l'état brut, ne causent aucun danger au contact, en cas d'inhalation ou
d'ingestion.
Une surexposition aux poussières ou aux émanations durant la soudure, la coupe au chalumeau, la meulage ou
l'usinage pourrait résulter en une irritation des voies respiratoires ou de la peau ou autres maladies. UNE
VENTILATION ADEQUATE EST DE MISE AVOIR UN EQUIPEMENT PROTECTEUR APPROPRIÉ.
Pour ce qui est des alliages de cuivre et de laiton, un contact avec certains acides pourrait dégager des gaz
hydrogène explosifs et inflammables. Si chauffé, de l'oxyde de cuivre, de zinc, de nickel, d'étain, de cadmium
et/ou des vapeurs de plomb pourraient s'échapper. Les produits d'aluminium peuvent glisser lors de leur
manipulation ou transport.
TOUTS LES PRODUITS DOIVENT ÊTRE ATTACHÉS SOUDEMENT LORS DU TRANSPORT ET DE LA
MANIPULATION.
Lors de la coupe, les copeaux d'acier peuvent rebondir et causer des blessures. MANIPULEZ AVEC
PRÉCAUTION.
En cas d'une surexposition aux émanations, retirez-vous et respirez de l'air frais. Si y a contact avec la peau
lavez la région affectée avec de l'eau et du savon. Si les symptômes persistent consultez votre médecin.
POUR PLUS D'INFORMATION, CONSULTEZ LA FEUILLE DE DONNÉES DE SÉCURITÉ.

DATE

SIGNÉ

SIGNÉ

BUYERS ORDER IS FILLED IN ACCORDANCE WITH THE ABOVE TERMS AND CONDITIONS OF SALE AND THOSE ON THE REVERSE HEREOF. ALL OF WHICH TERMS AND CONDITIONS SUPERSEDE THE TERMS AND CONDITIONS (IF ANY) OF PURCHASERS ORDER. BY ACCEPTING
DELIVERY OF ALL OR PART OF THE ABOVE-DESCRIBED GOODS (HEREINAFTER CALLED THE "GOODS") OR BY PAYING FOR SAME IN WHOLE OR IN PART PURCHASER AGREES TO ALL THE TERMS AND CONDITIONS SET FORTH ABOVE AND ON THE REVERSE HEREOF.
COMMANDE DE L'ACHETEUR EST EXÉCUTÉE EN CONFORMITÉ DES CONDITIONS DE VENTE ÉTAPLÉES CI-DESSUS ET AU VERSO DES PRÉSENTES. TOUTES CES CONDITIONS REMPLAÇANT CELLES (LE CAS ÉCHÉANT) ÉNONCÉES AU BON DE COMMANDE DE L'ACHETEUR
ACCEPTANT LA LIVRAISON DE TOUT OU PARTIE DES MARCHANDISES DÉCRITES CI-DESSUS (CI-APRÈS APPELÉES LES "MARCHANDISES") OU EN LES PAYANT INTÉGRALEMENT OU PARTIELLEMENT, L'ACHETEUR ACCEPTE TOUTES LES CONDITIONS STIPULÉES CI-DESSUS ET
AU VERSO DES PRÉSENTES.

OFFICE/ADMINISTRATIVE

SHIPPING/EXPEDITION

DRIVER/CHAUFFEUR

CUSTOMER/CLIENT

PL 1

6/01/17 8:04:58

EMAIL PAGE COUVERTURE

=====
Société: Acier Leroux - Amos

6/01/17 8:04:58

Document Sommaire

Page couverture 1

Objet: MILL TEST CERTIFICATE

NO.COMMANDE :89340444

No.Bc Du Client :PLA06075

City : LA SARRE

State/Province . QC

Séquence correspondant au(x) MTR imprimé(s):

Ln#	Description item:	Coulée	MTR
5	2 1/2 X 2 1/2 X 1/4 CORN. LAC 44W	52077203	094128583

**GERDAU**

CA-ML-WHITBY
1 GERDAU CT
WHITBY, ON L1N 5T1
Canada

CERTIFIED MATERIAL TEST REPORT

Page 1/1

DOCUMENT ID:
0000031022**CUSTOMER SHIP TO**

LEROUX STEEL
1331 RUE GRAHAM BELL
BOUCHERVILLE, QC J4B 6A1
Canada

CUSTOMER BILL TO

LEROUX STEEL
1331 RUE GRAHAM BELL
BOUCHERVILLE, QC J4B 6A1
Canada

GRADE
GGMULTI**SHAPE / SIZE**
Angle / 2 1/2X2 1/2X1/4**LENGTH**
20'00"**WEIGHT**
37.884 LB**HEAT / BATCH**
52077203/02**SALES ORDER**
4465103/000180**CUSTOMER MATERIAL N°****SPECIFICATION / DATE or REVISION**

ASTM A529-14, A572-15
ASTM A6-14, A36-14, ASME SA-36
ASTM A709-15, AASHTO M270-12
CSA G40.20-13/G40.21-13

CUSTOMER PURCHASE ORDER NUMBER
94037803-FEMQ1**BILL OF LADING**
1302-0000055481**DATE**
02/08/2017**CHEMICAL COMPOSITION**

C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	V %	Nb %
0.13	0.77	0.018	0.044	0.18	0.31	0.11	0.13	0.016	0.001

MECHANICAL PROPERTIES

Elong. %	GA Inch	UTS PSI	UTS MPa	YS 0.2% PSI	YS MPa
28.80	8.000	70992	489	55041	379
28.80	8.000	71000	490	54833	378

COMMENTS / NOTES

This grade meets the requirements for the following grades:
ASTM Grades: A36; A529-50; A572-50; A709-36; A709-50
CSA Grades: 44W; 50W
AASHTO Grades: M270-36; M270-50
ASME Grades: SA36



094128583

The above figures are certified chemical and physical test records as contained in the permanent records of company. We certify that these data are correct and in compliance with specified requirements. This material, including the billets, was melted and manufactured in Canada. CMTR complies with EN 10204 3.1.

BHASKAR YALAMANCHILI
QUALITY DIRECTOR

Phone: (409) 769-1014 Email: Bhaskar.Yalamanchili@gerdau.com

LEONARDO NUNES
QUALITY ASSURANCE MGR.

Phone: (905) 668-8811 EXT 4055 Email: Leonardo.Nunes@gerdau.com



COMBINATION SHORT FORM OF STRAIGHT BILL OF LADING - EXPRESS SHIPPING CONTRACT,
SUBJECT TO ALL TERMS, CONDITIONS AND LIMITATIONS INCORPORATED BY REFERENCE AS SHOWN ON THE BACK OF THIS BILL.
FORMULAIRE COMBINÉ DE CONNAISSANCEMENT DIRECT - ET DE CONTRAT D'EXPÉDITION PAR
MESSAGERIE ASSUJÉTI À TOUTES LES MODALITÉS, CONDITIONS ET LIMITATIONS QUI Y SONT INTÉGRÉES PAR RENVOI, AINSI
QU'IL EST INDiqué AU VERSO DU PRÉSENT CONNAISSANCEMENT.

ACIER LEROUX
1675 ROUTE DE L'AÉROPORT
C.P. 550 AMOS QC J9T3

TEL#: (819) 732-8381

PROMISE.....: 05/26/17
REPRESENTANT Yvan Bégin

EXPÉDIÉ: 00
NORMEX METAL
9088-6615 QUEBEC INC.
11 BOUL. INDUSTRIEL
ROUTE 111 EST
LA SARRE QC J9Z 2X2

VENDU: 8910165 05/25/17
NORMEX METAL
9088-6615 QUEBEC INC.
P.O. BOX 565
EARLTON ON P0J 1E0

FREIGHT TERMS
MODALITÉS DE TRANSPORT
PORT PAYÉ
CARRIÈRE
TRANSPORTEUR RT# 006
NOTRE CAMION
CUSTOMER PHONE #
TÉLÉPHONE À LA CLIENTÈLE #
(819) 333-1200

#BCC PLA06075 RELACHE#
INSTRUCTIONS CLIENT:
ECRIRE # DE COULEE SUR LA COPIE ROSE DU CLIENT

FERME A 13HR00 LE VENDREDI
COMMENT.:
LIVRAISON 26 MAI 17

VEHICLE IDENT
IDENTIFICATION DU VEHICULE

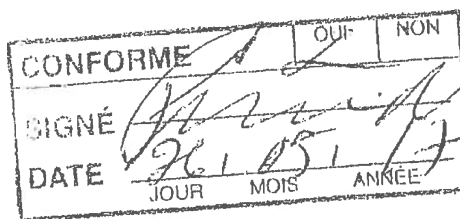
NIR: R-527158-1

PIPE

CAT WALK
✓ 4048

LN#01 38642 CORNIÈRE ACIER L.à.C : 1 1/2 X 1 1/2 X 3/16 44W QTE COMM
#PIÉC L-2455 X 20' 2 EA 72 LB
QTE expédiée.....
ÉTO 9061831 COUL 52077556 2 EA 72 LB PAYS CANADA

LN#03 32222 CORNIÈRE ACIER L.à.C : 2 1/2 X 2 1/2 X 1/4 44W QTE COMM
#PIÉC L-2456 X 20' 20 EA 1640 LB
QTE expédiée.....
ÉTO 9062666 COUL 52077203 20 EA 1640 LB PAYS CANADA



Les certificats d'analyse (MTR) seront automatiquement envoyés par email

PAGE: 1

TOTALS PALETTES

22 EA 1712 LB

STEEL, STAINLESS STEEL, ALUMINUM, BRASS,
COPPER, NICKEL AND SPECIALTY STEEL

The above listed products, in a natural state, do not pose inhalation, ingestion or contact hazards.

Prolonged overexposure to dust or fumes during welding, burning, grinding or machining may result in respiratory irritation, skin irritation or disease. USE ADEQUATE VENTILATION AND APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.

For Brass and Copper Alloys, contact with acids may liberate flammable and explosive hydrogen gas. If heated, copper oxide, zinc oxide, nickel oxide, tin oxide, cadmium oxide and/or lead fumes may be evolved. Aluminum may slip during handling or transportation.

DO NOT MUST BE SECURED FOR HANDLING AND TRANSPORTATION.
Il est recommandé d'empaqueter les produits de manière à éviter qu'ils ne se détachent ou ne se blessent.

For overexposure to metal fumes, remove to fresh air. For skin contact, wash thoroughly with soap and water. Obtain medical attention if symptoms persist.

SEE MATERIAL SAFETY DATA SHEETS FOR MORE DETAILED INFORMATION.

BUYER'S ORDER IS FILLED IN ACCORDANCE WITH THE ABOVE TERMS AND CONDITIONS OF SALE AND THOSE ON THE REVERSE HEREOF, ALL OF WHICH TERMS AND CONDITIONS SUPERSEDE THE TERMS AND CONDITIONS (IF ANY) OF PURCHASER'S ORDER. BY ACCEPT
LIVRY OF ALL OR PART OF THE ABOVE-DESCRIBED GOODS (HEREINAFTER CALLED THE 'GOODS') OR BY PAYING FOR SAME IN WHOLE OR IN PART PURCHASER AGREES TO ALL THE TERMS AND CONDITIONS SET FORTH ABOVE AND ON THE REVERSE HEREOF.
COMMANDE DE L'ACHETEUR EST EXÉCUTÉE EN CONFORMITÉ DES CONDITIONS DE VENTE STIPULÉES CI-DESSUS ET AU VERSO DES PRÉSENTES. TOUTES CES CONDITIONS REMPLAÇANT CELLES (LE CAS ÉCHÉANT) ÉNONCÉES AU BON DE COMMANDE DE L'ACHETEUR
CEPTANT LA LIVRAISON DE TOUT OU PARTIE DES MARCHANDISES DÉCRITES CI-DESSUS (CI-APRÈS APPELÉES LES 'MARCHANDISES') OU EN LES PAYANT INTÉGRALEMENT OU PARTIELLEMENT, L'ACHETEUR ACCEPTE TOUTES LES CONDITIONS STIPULÉES CI-DESSUS ET
SO DES PRÉSENTES.

OFFICE/ADMINISTRATIVE

SHIPPING/EXPEDITION

DRIVER/CHAUFFEUR

CUSTOMER/CLIENT

RLS-L 0

5/26/17 8:41:49

EMAIL PAGE COUVERTURE

=====
Société:

5/26/17 8:41:49

Document Sommaire

Page couverture 1

Objet: MILL TEST CERTIFICATE

NO.COMMANDE :89340442

No.Bc Du Client :PLA06075

City : LA SARRE

State/Province . QC

Séquence correspondant au(x) MTR imprimé(s):

Ln#	Description item:	Coulée	MTR
1	1 1/2 X 1 1/2 X 3/16 CORN. LAC 44W	52077556	094129587

3	2 1/2 X 2 1/2 X 1/4 CORN. LAC 44W	52077203	094128583

**GERDAU**

CA-ML-CAMBRIDGE
160 ORION PLACE
CAMBRIDGE, ON N1T 1R9
Canada

CERTIFIED MATERIAL TEST REPORT

Page 1/1

CUSTOMER SHIP TO LEROUX STEEL 1331 RUE GRAHAM BELL BOUCHERVILLE, QC J4B 6A1 Canada		CUSTOMER BILL TO LEROUX STEEL 1331 RUE GRAHAM BELL BOUCHERVILLE, QC J4B 6A1 Canada		GRADE GGMULTI	SHAPE / SIZE Angle / 1 1/2X1 1/2X3/16	DOCUMENT I 0000033196
SALES ORDER 4585552/000060		CUSTOMER MATERIAL N°		LENGTH 20'00"	WEIGHT 25,740 LB	HEAT / BATCH 52077556/02
SPECIFICATION / DATE or REVISION ASTM A529-14, A572-15 ASTM A6-14, A36-14, ASME SA-36 ASTM A709-15, AASHTO M270-12 CSA G40.20-13/G40.21-13						
CUSTOMER PURCHASE ORDER NUMBER 94037961		BILL OF LADING 1301-0000028506		DATE 03/07/2017		

CHEMICAL COMPOSITION										
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	V %	Nb %
0.15	0.78	0.020	0.018	0.17	0.25	0.11	0.15	0.031	0.012	0.001

MECHANICAL PROPERTIES		G/L		UTS		UTS		YS		YS	
Elong. %		Inch		PSI		MPa		PSI		MPa	
25.00		8.000		74339		513		53274		367	
25.00		8.000		74556		514		53590		370	

COMMENTS / NOTES

This grade meets the requirements for the following grades:
ASTM Grades: A36; A529-50; A572-50; A709-36; A709-50
CSA Grades: 44W; 50W
AASHTO Grades: M270-36; M270-50
ASME Grades: SA36



094129587

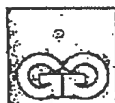
The above figures are certified chemical and physical test records as contained in the permanent records of company. We certify that these data are correct and in compliance with specified requirements. This material, including the billets, was melted and manufactured in Canada. CMTR complies with EN 10204 3.1.

BHASKAR VALAMANCHILI
QUALITY DIRECTOR

Phone: (409) 769-1014 Email: Bhaskar.Valamanchili@gerdau.com

LEONARDO NUNES
QUALITY ASSURANCE MGR.

Phone: (905) 668-8811 EXT 4055 Email: Leonardo.Nunes@gerdau.com

**GERDAU**

CA-ML-WHITBY
1 GERDAU CT
WHITBY, ON L1N 5T1
Canada

CERTIFIED MATERIAL TEST REPORT

Page 1/1

CUSTOMER SHIP TO LEROUX STEEL 1331 RUE GRAHAM BELL BOUCHERVILLE, QC J4B 6A1 Canada		CUSTOMER BILL TO LEROUX STEEL 1331 RUE GRAHAM BELL BOUCHERVILLE, QC J4B 6A1 Canada		GRADE QGMULTI	SHAPE / SIZE Angle / 2 1/2X2 1/2X1/4	DOCUMENT ID: 0000031022
SALES ORDER 4465103/000180		CUSTOMER MATERIAL N°		LENGTH 20'00"	WEIGHT 37,884 LB	HEAT / BATCH 52077203/02
CUSTOMER PURCHASE ORDER NUMBER 94037803-FEMQ1				SPECIFICATION / DATE or REVISION ASTM A529-14, A572-15 ASTM A6-14, A36-14, ASME SA-36 ASTM A709-15, AASHTO M270-12 CSA G40.20-13/G40.21-13		
BILL OF LADING 1302-0000055481		DATE 02/08/2017				

CHEMICAL COMPOSITION

C %	-	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	V %	Nb %
0.13		0.77	0.018	0.044	0.18	0.31	0.11	0.13	0.016	0.001

MECHANICAL PROPERTIES

Elong. %	G/L Inch	UTS PSI	UTS MPa	YS 0.2% PSI	YS MPa
28.80	8.000	70992	489	55041	379
28.80	8.000	71000	490	54833	378

COMMENTS / NOTES

This grade meets the requirements for the following grades:
ASTM Grades: A36; A529-50; A572-50; A709-36; A709-50
CSA Grades: 44W; 50W
AASHTO Grades: M270-36; M270-50
ASME Grades: SA36



094128583

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BHASKAR YALAMANCHILI
QUALITY DIRECTOR

Phone: (409) 769-1014 Email: Bhaskar.Yalamanchili@gerdau.com

LEONARDO NUNES
QUALITY ASSURANCE MGR.

Phone: (905) 668-8811 EXT 4055 Email: Leonardo.Nunes@gerdau.com



Client: AGNICO-EAGLE MINES LTD.
Contract Title: Fuel Tanks Piping Supply and Installation
Contract No.: 6515-C-270-007
Promec Ref.: C22466T

Daily Weld Report

ITR No.: AEM-WE-ITR-001
Area No.: ALL
System No.: ALL

ISO or Pipe Dwg No.	Weld Number	Type	Ø Size (in)	Welder Ticket	Remarks
103-150-PDI-CC10-003 1/12	N/A				as per Change order
103-150-PDI-CC10-003 2/12	①	buttweld	6"	A/0	
103-150-PDI-CC10-003 3/12	N/A				as per Change order
103-150-PDI-CC10-003 4/12	① ②	buttweld "	6" "	A/0 A/0	
103-150-PDI-CC10-002 5/12	① ②	buttweld "	6" "	A/0 A/0	

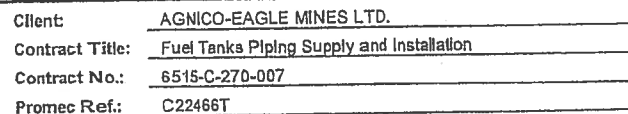
Prepared by

Foreman

Date

Signature

Date



ITR No.: AEM-WE-ITR-001
Area No.: ALL
System No.: ALL

Prepared by

Foreman

Date _____

Signature

Date _____



Client: AGNICO-EAGLE MINES LTD.
Contract Title: Fuel Tanks Piping Supply and Installation
Contract No.: 6515-C-270-007
Promec Ref.: C22466T

Daily Weld Report

ITR No.: AEM-WE-ITR-001
Area No.: ALL
System No.: ALL

ISO or Pipe Dwg No.	Weld Number	Type	Ø Size (in)	Welder Ticket	Remarks
103-150-PD1-CC10-001 3/13	(1)	B ₂ Thru	6"	MC	
	(2)	BUTT WELD	6"	MC	
	(3)	BUTT WELD	6"	MC	
103-150-PD1-CC10-001 4/13	(1)	B ₂ Thru	6"	A/O	
	(2)		"	A/O	
	(3)		"	JMB	
	(4)		"	A/O	
	(5)		"	JMB	
	(6)		"	MC MP	
	(7)		"	MP	
	(8)		"	MC	
	(9)		"	A/O	
	(10)		"	MP	

Prepared by

Foreman

Date

Signature

Date



Client: AGNICO-EAGLE MINES LTD.
Contract Title: Fuel Tanks Piping Supply and Installation
Contract No.: 6515-C-270-007
Promec Ref.: C22466T

Daily Weld Report

ITR No.: AEM-WE-ITR-001
Area No.: ALL
System No.: ALL

ISO or Pipe Dwg No.	Weld Number	Type	Ø Size (in)	Welder Ticket	Remarks
103-150 - PPI-CC10-001 5/13	(1)	Butter 1/4	6	A/0	
	(2)	"	6	A/0	
	(3)	"	6	A/0	
	(4)	"	6	A/0	
	(5)	"	6	A/0	
	(6)	"	6	A/0	
	(7)	"	6	A/0	
	(8)	"	6	A/0	
	(9)	"	6	A/0	
	(10)	"	6	A/0	
	(13)		10	A/0	
	(14)		10	A/0	
	(15)		10	A/0	
	(16)		10	A/0	
	(17)		10	A/0	
	(18)		10	A/0	

Prepared by

R. Langille

Date

Foreman

[Signature]

Signature

Date



Client: AGNICO-EAGLE MINES LTD.
Contract Title: Fuel Tanks Piping Supply and Installation
Contract No.: 6515-C-270-007
Promec Ref.: C22466T

Daily Weld Report

ITR No.: AEM-WE-ITR-001
Area No.: ALL
System No.: ALL

ISO or Pipe Dwg No.	Weld Number	Type	Ø Size (in)	Welder Ticket	Remarks
103-150-PPI-CC10-001 6/13	①	Butt weld	6"	A/O	
	②			A/O	
	③			A/O	
	④			A/O	
	⑤			A/O	
103-150-PPI-CC10-001 7/13	①	Butt weld	6"	A/O	

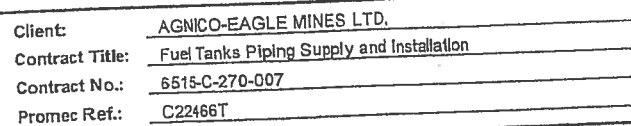
Prepared by

Foreman

Date

Signature

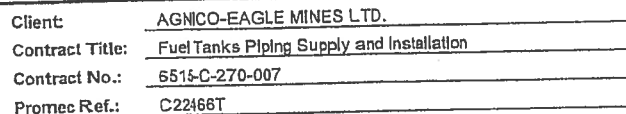
Date



ITR No.: AEM-WE-ITR-001
Area No.: ALL
System No.: ALL

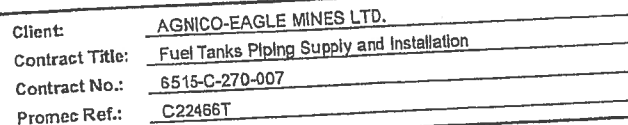
Foreman

Date _____



ITR No.: AEM-WE-ITR-001
Area No.: ALL
System No.: ALL

Prepared by _____ Foreman _____
 _____ Date _____ Signature _____ Date _____



ITR No.: AEM-WE-ITR-001
Area No.: ALL
System No.: ALL

Rev. 0



Vendor Document Status

AGNICO EAGLE

- 1 ☐ Proceed to next submission and status.
- 2 ☐ Proceed with exceptions as noted to next submission and status.
- 3 ☐ Do not proceed.
Revise as noted and resubmit next submission and status.
- 4 ☒ Complete, no further submission required.

By:

JEAN-FRANCOIS TREMBLAY

Date:

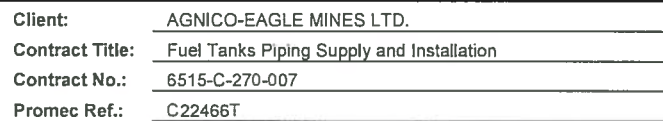
2017-05-02

Review and authorization to fabricate are only for general conformance with the design concept of the Project as expressed in the Contract Documents. Sole responsibility for the accuracy and completeness of this document, including but not limited to dimensions and quantities, remains with the Supplier/Contractor. Agnico Eagle does not warrant the accuracy or completeness of any of the information contained herein, nor does Agnico Eagle authorize or approve any construction means, methods, techniques, sequences or any safety precautions or procedures.

Agnico Eagle
No.

6515-C-270-007-141-TES-0043 R: Sub001

DOCUMENT FOR INFORMATION



ITR No.: AEM-WE-ITR-001
Area No.: ALL
System No.: ALL

Prepared by _____ Date _____ Signature _____ Date _____ Foreman _____



Vendor Document Status

AGNICO EAGLE

- 1 ☐ Proceed to next submission and status.
- 2 ☐ Proceed with exceptions as noted to next submission and status.
- 3 ☐ Do not proceed.
Revise as noted and resubmit next submission and status.
- 4 ☒ Complete, no further submission required.

By: **JEAN-FRANCOIS TREMBLAY**

Date: 2017-05-02

Review and authorization to fabricate are only for general conformance with the design concept of the Project as expressed in the Contract Documents. Sole responsibility for the accuracy and completeness of this document, including but not limited to dimensions and quantities, remains with the Supplier/Contractor. Agnico Eagle does not warrant the accuracy or completeness of any of the information contained herein, nor does Agnico Eagle authorize or approve any construction means, methods, techniques, sequences or any safety precautions or procedures.

Agnico Eagle
No.

6515-C-270-007-141-TES-0049 R: Sub001

DOCUMENT FOR INFORMATION

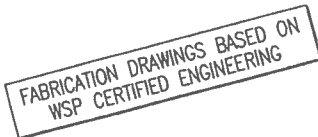


Document Number : AEM-GE-LOG-005
Contract Number : C22466T

AGNICO EAGLE

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**DESSINS ISOMÉTRIQUE
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SUBIS DES ESSAIS**

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UNIES-FAB		C		HVC		MIA		C		HVC		MIA	
MATÉRIEL	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
VISUEL	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
DIMENSIONNEL	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
LOCALISATION	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
ORIENTATION	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
IDENTIFICATION	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
RESPONSABLE ATELIER	<i>Prin Snd</i>						DATE		<i>14 Dec 2011</i>				
INSPECTEUR QUALITÉ	<i>Snd</i>						DATE		<i>20 Dec 2011</i>				

LISTE DE MATERIEL				
NO	QTE	DA	MATERIEL/CATALOGUE	DESCRIPTION
1	32178 MM	150	A 333 Gr. 6	SCH STD. SHLS PIPE
2	1	150	A 420 Gr. WPLG	SCH STD. BW LR 45 DEG CLOBBY TRIM 41.16
3	13	150		PIPE SUPPORT AS PLR DETAIL 3, IMG 65-103-270-200

A: 104 B: 235 CK. 86

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E: NATELIER LE

31 MAI 2017

par : BS

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0	2017/05/15	ISSUED FOR CONSTRUCTION	KHV
No.	DATE	REVISION	PAR AF

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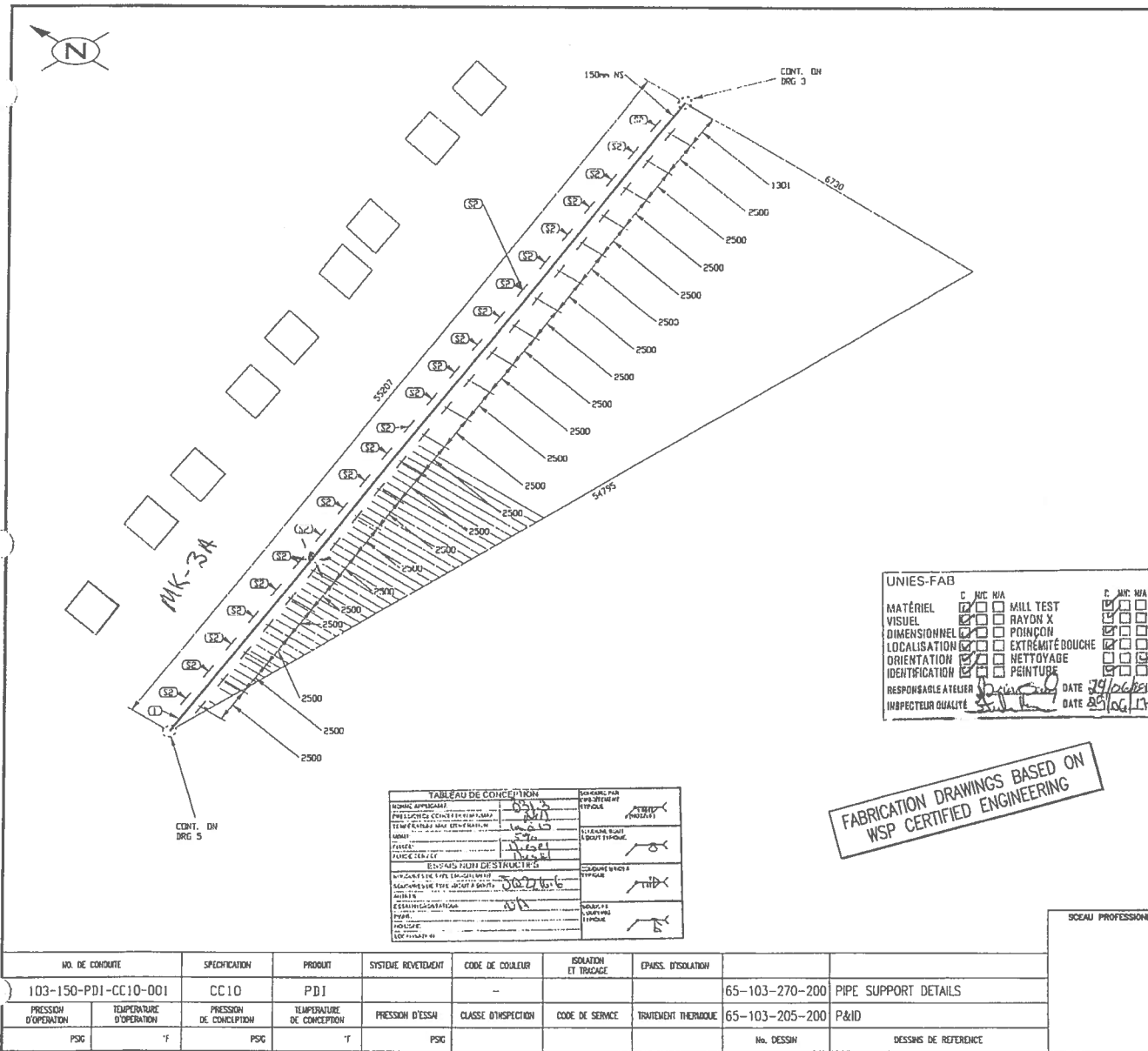


AGNICO EAGLE



CONSULTANT PROJECT NO.	591700
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CONC.: M/M	PROJECT: AGNICO EAGLE - MELIADINE DIVISION			
DATE: 2017/01/23	103 - COMBUSTIBLE			
DESSIN PAR: KVE	TITRE: RANKIN INLET			
DATE: 2017/01/23	FABRICATION ISOMETRIC			
VER. PAR: -	MARINE LINE TO 65TNK11601 & 65TNK11602			
DATE: -				
APP.: -	No PROJECT		No DESSIN	PAGES
DATE: -	6515		103-150-PDI-CC10-001	2/13
ÉCHELLE: AUCUNE	RD			



LISTE DE MATERIEL				
NO	QTE	DA	MATERIEL/CATALOGUE	DESCRIPTION
1	33207	MM	150	SCH 518, SMLS PIPE
2	23		150	PIPE SUPPORT AS PER DETAIL 3, DWG 65-103-270-200

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31 MAI 2017
par: *[Signature]*

10 long vrac.

NO	DATE	REVISION	KHV
0	2017/05/15	ISSUED FOR CONSTRUCTION	

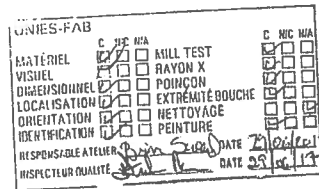
AGNICO EAGLE

NUQSANA PROMEC MINING

Ultragen

CONFIRMANT PROJECT NO. 591700

SOCAU PROFESSIONNEL		PROJET:	
CONC: KHV	DATE: 2017/04/25	AGNICO EAGLE - MELIADINE DIVISION	
DESSINE PAR: KVE	DATE: 2017/04/25	103 - COMBUSTIBLE	
VOR. PAR: -	DATE: -	TITRE:	
APP: -	DATE: -	RANKIN INLET	
DATE: -	DATE: -	FABRICATION ISOMETRIC	
DATE: -	DATE: -	MARINE LINE TO 65TNK11601 & 65TNK11602	
DATE: -	DATE: -	No PROJET	No DESSIN
DATE: -	DATE: -	6515	103-150-PDI-CC10-001
DATE: -	DATE: -	PAGES	REV.
DATE: -	DATE: -	4/13	0



FABRICATION DRAWINGS BASED ON
WSP CERTIFIED ENGINEERING

LISTE DE MATERIEL				
NO	QTE	DA	MATERIEL/CATALOGUE	DESCRIPTION
1	26156 MM	150	A 333 Gr. 6	SOI STD, SMLS PIPE
2	1	150	A 420 Gr. VPL6	SOI STD, DV LR 45 DEG CLBDW
3	1	150		ABUTMENT TYPE 2 AS PER DETAIL 5, DWS 65-103-270-200

CONTRAT UF

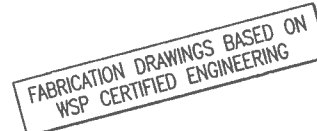
2106

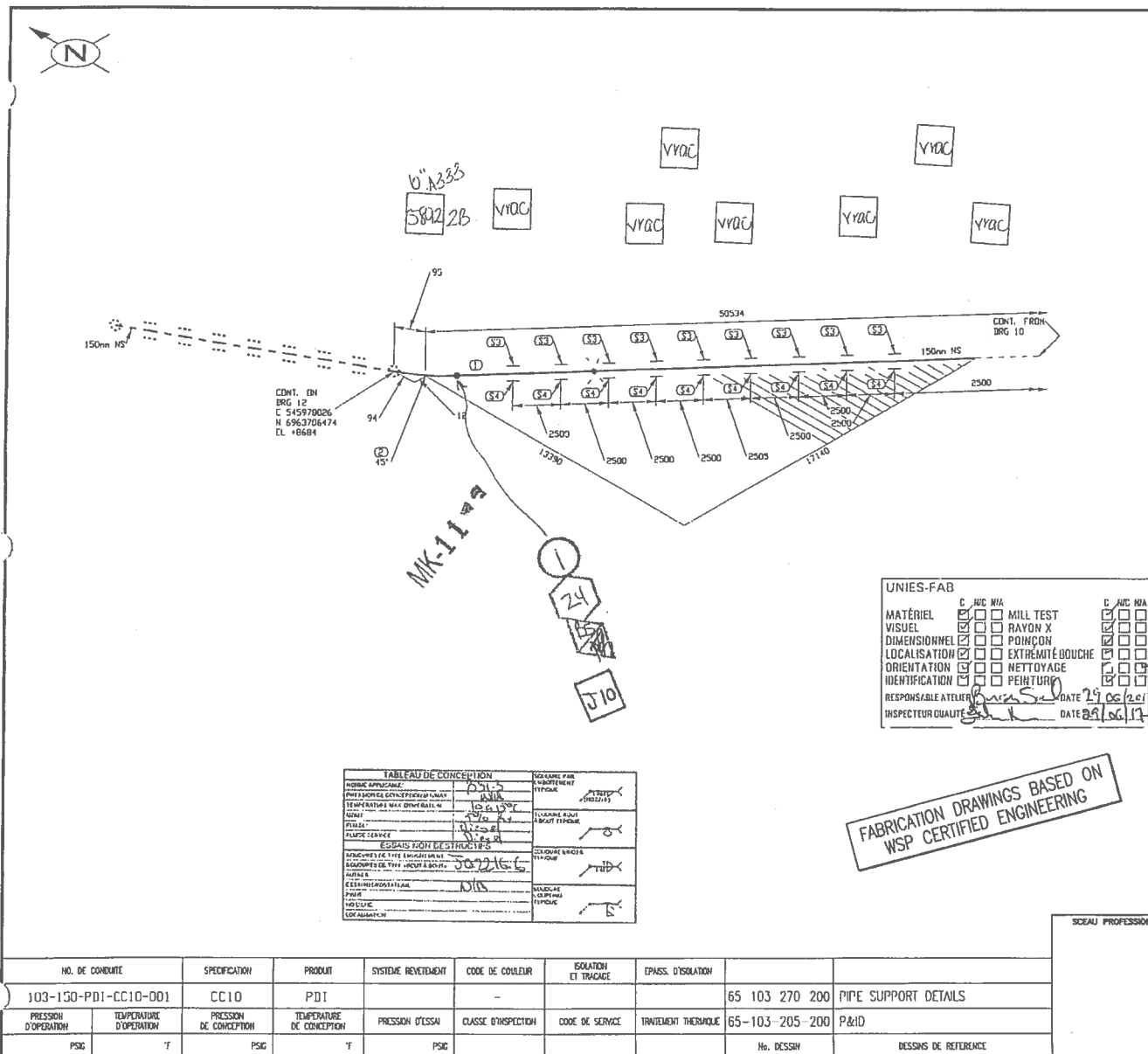
ENATELIER LE

31 MAI 2017

DATE: BS

CONC: HYV	PROJECT: AGNICO EAGLE - MELIADINE DIVISION		
DATE: 2017/04/25	103 - COMBUSTIBLE		
DESSINE PAR: HYV	TITRE: RANKIN INLET		
DATE: 2017/04/25	FABRICATION ISOMETRIC		
VDR. PAR: -	MARINE LINE TO 65TNK11601 & 65TNK11602		
DATE: -			
APP. -	No PROJET	No DESSIN	PAGES
DATE: -	6515	103-150-PDI-CC10-001	5/13
ECHILLE: AUCUNE			





LISTE DE MATERIEL				
No	QTE	EMA	MATERIEL/CATALOGUE	DESCRIPTION
1	21655	MM	A 333 Gr. 6	SCH STD. SMLS PIPE
2	1	150	A 420 Gr. WPL6	SCH STD. DW LR 45 DEG ELBOW
3	9	150		PIPE SUPPORT AS PER DETAIL 1, DWG
4	9	150		65-103-270-200
				PIPE SHOE AS PER DETAIL 2, DWG
				65-103-270-200

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No.	DATE	REVISION	APP.
0	2017/05/15	ISSUED FOR CONSTRUCTION	KHV

CLIENT:

AGNICO EAGLE

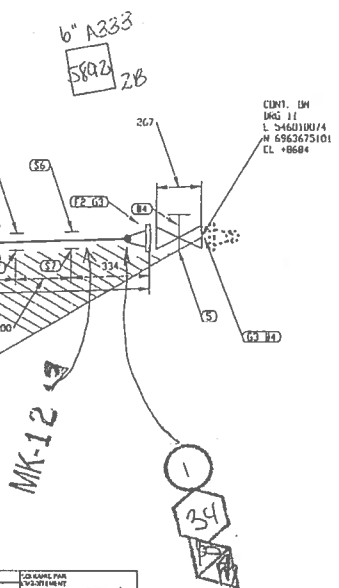
NUQSANA-PRONEC MINING

ultragen

CONSULTANT PROJECT NO. 591700

PROJET:		TITRE:	
AGNICO EAGLE - MELIADINE DIVISION		RANKIN INLET	
103 - COMBUSTIBLE		FABRICATION ISOMETRIC	
		MARINE LINE 10 65INK11601 & 65INK11602	
No PROJET	No DESSIN	PAGES	REV.
6515	103-150-PDI-CC10-001	11/13	0

SCAUX PROFESSIONNEL	
CONC.: KHV	DATE: 2017/04/25
DESSINE PAR: KVE	DATE: 2017/04/25
VER. PAR: -	DATE: -
APP.: -	DATE: -
DATE: -	DATE: -
ECHELLE: AUCUNE	



UNIES-FAB									
	C	NIC	N/A		C	NIC	N/A		
MATÉRIEL	☐	☐	☐	MILL TEST	☐	☐	☐		
VISUEL	☐	☐	☐	RAYON X	☐	☐	☐		
DIMENSIONNEL	☐	☐	☐	POINÇON	☐	☐	☐		
LOCALISATION	☐	☐	☐	EXTREMITÉ DOUCHE	☐	☐	☐		
ORIENTATION	☐	☐	☐	NETTOYAGE	☐	☐	☐		
IDENTIFICATION	☐	☐	☐	PEINTURE	☐	☐	☐		
RESPONSABLE ATTEL.	<i>[Signature]</i>			DATE	22/02/12				
INSPECTEUR QUALITE	<i>[Signature]</i>			DATE	20/06/12				

LISTE DE MATERIEL				
NO	QNT	PSA	MATRIEL / CAVAL ODET	DESCRIPTION
1	28696 PH	150	A 333 Gr. 6	SCH STD, SHLS PIPE
2	1	150	A 350 Gr. L1/2	CL 150, SCH STD, RF, WH FLANGE
3	2	150	ASHE B16.20	CL 150, GARDECK SS60, RING TYPE GASKET 1/8" INK
4	16	19	A 193 B7/A 194 2H	CL 150, B - 19.05 x 100 STUD BOLTS c/a TWO
5	1	150	GA-10	HEAVY HEX NUTS
6	12	150		CL 150, RF, CS, GATE VALVE
7	12	150		PIPE SUPPORT AS PER DETAIL 1, DWG 65-103-270-200
				PIPE SHOE AS PER DETAIL 2, DWG 65-103-270-200

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AGNICO EAGLE


NUCOR
NUCOR CORPORATION
11000 N. ALDRICH AVE.
CHICAGO, IL 60631

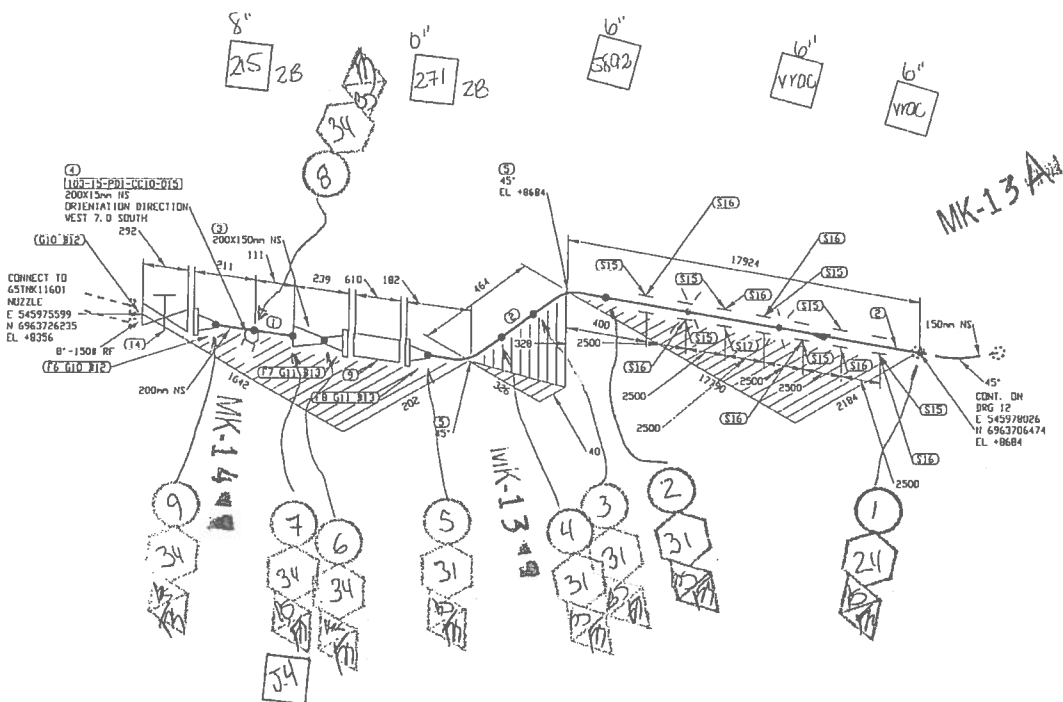
NUCOR PROMEC MINING
11000 N. ALDRICH AVE.
CHICAGO, IL 60631

ULTRAGEN
ULTRAGEN CORPORATION
11000 N. ALDRICH AVE.
CHICAGO, IL 60631

CONSULTANT PROJECT NO. **591700**

SOCIÉTÉ PROFESSIONNELLE	CONCÉ: M/M	PROJET:	AGNICO EAGLE - MELIADINE DIVISION 103 - COMBUSTIBLE		
	DATE: 2017/04/25				
	DESSIN PAR: KVC	TITRE:	RANKIN INLET FABRICATION ISOMETRIC MARINE LINE TO 65TNK11601 & 65TNK11602		
	DATE: 2017/04/26				
	VDR PAR: -				
	DATE: -				
	APP.: -				
DATE: -					
ÉCHELLE: AUCUNE	No PROJET	No DESSIN	PAGES	RE	
	6515	103-150-PDI-CC10-001	12/13		

APPROVED: May 17, 2017, 3:14pm



UNIES-FAB							
	C	INC	N/A		C	INC	N/A
MATÉRIEL	☒	☒	☒	MILL TEST	☒	☒	☒
VISUEL	☒	☒	☒	RAYON X	☒	☒	☒
DIMENSIONNEL	☒	☒	☒	POINÇON	☒	☒	☒
LOCALISATION	☒	☒	☒	EXTREMITÉ BOUCHE	☒	☒	☒
ORIENTATION	☒	☒	☒	NETTOYAGE	☒	☒	☒
IDENTIFICATION	☒	☒	☒	PEINTURE	☒	☒	☒
RESPONSABLE A TELIER	<i>[Signature]</i>			DATE	25/06/2001		
INSPECTEUR QUALITÉ	<i>[Signature]</i>			DATE	29/06/2001		

[illegible]

FABRICATION DRAWINGS BASED ON
WSP CERTIFIED ENGINEERING

NO. DE CONDUITE		SPECIFICATION		PRODUIT		SYSTEME REVETEMENT		CODE DE COULEUR		ISOLATION ET TRACAGE		EPAISS. D'ISOLATION					
103-150-PDI-CC10-001		CC10		PDI				-						65-103-270-200	PIPE SUPPORT DETAILS		
PRESSION D'OPERATION		TEMPERATURE D'OPERATION		PRESSION DE CONCEPTION		TEMPERATURE DE CONCEPTION		PRESSION D'ESSAI		CLASSE D'INSPECTION		CODE DE SERVICE		TRAITEMENT THERMIQUE		65-103-205-200	P&ID
PSIG		°F		PSIG		°F		PSIG								No. DESSIN	DESSINS DE REFERENCE

LISTE DE MATERIEL				
№	QTE	DA	MATERIEL/CATALOGUE	DESCRIPTION
1	222 MM	200	A 333 Gr. 6	SCH STD, SHLS PIPE
2	18103 MM	150	A 333 Gr. 6	SCH STD, SHLS PIPE
3	1	200X150	A 420 Gr. WPL6	SCH STD, BV CDMC RED
4	1	200X15	A 350 Gr. LF2	CL 3000, THRODLE1
5	2	150	A 420 Gr. WPL6	SCH STD, BV LR 45 BEG ELBDV
6	1	200	A 350 Gr. LF2	CL 150, SCH STD, RF, VN FLANGE
7	1	150	A 350 Gr. LF2	CL 150, SCH STD, RF, VN FLANGE
8	1	150	A 350 Gr. LF2	CL 150, SCH STD, RF, VN FLANGE
9	1	150		CL 150, SINGLE BRAIDED HOSE ASSEMBLY
10	2	200	ASHC B16.20	CL 150, GARLDCX 5500, RING TYPE GASKET 1/8"
11	2	150	ASHC B16.20	THK CL 150, GARLDCX 5500, RING TYPE GASKET 1/8"
12	16	19	A 193 B7/A 194 2H	CL 150, 8 - 19.05 X 110 STUD BOLTS c/w TWD
13	16	19	A 193 B7/A 194 2H	HEAVY HEX NUTS CL 150, 8 - 19.05 X 100 STUD BOLTS c/w TWD
14	1	200	GA-10	CL 150, RF, CS, FULL PORT GATE VALVE
15	7	150		PIPE SUPPORT AS PER DETAIL 1, DWG 65-103-270-200
16	7	150		PIPE SHOE AS PER DETAIL 2, DWG 65-103-270-200
17	1	150		PIPE SHOE AS PER DETAIL 2, DWG 65-103-270-200

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par :

0	2017/05/15	ISSUED FOR CONSTRUCTION	KHV
No.	DATE	REVISION	PAR

CLIENT:



AGNICO EAGLE

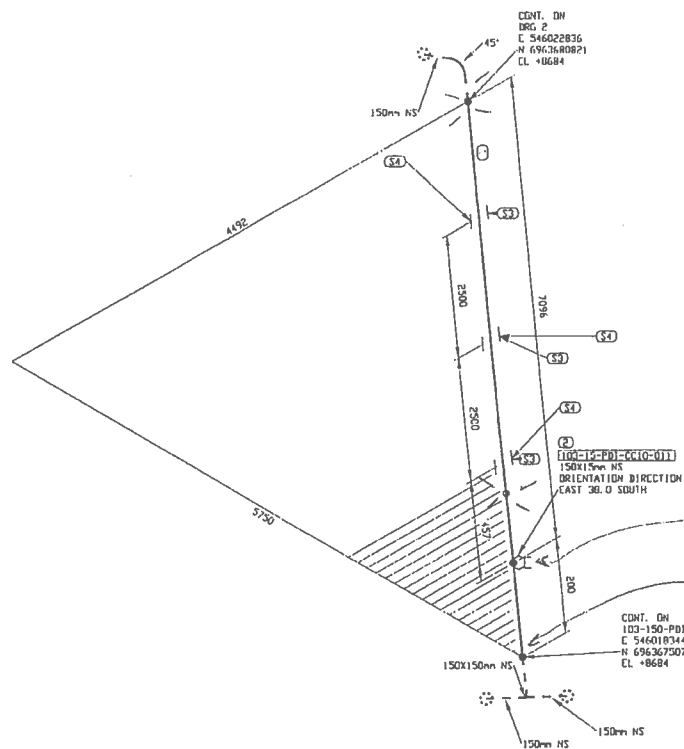


CONSULTANT PROJECT NO.	591700
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SCALE PROFESSIONNEL

CONC.: 10-11
DATE: 2017/04/23
DESSINÉ PAR: KVE
DATE: 2017/04/23
VER. PAR: -
DATE: -
APP.: -
DATE: -
ÉCHELLE: AUCUNE

PROJECT: AGNICO EAGLE - MELIADINE DIVISION 103 - COMBUSTIBLE		
TITLE: RANKIN INLET FABRICATION ISOMETRIC MARINE LINE TO 65TNK11601 & 65TNK11602		
No PROJECT	No DESIGN	PAGES
6515	103-150-PDI-CC10-001	13/13



UNIES-FAB									
	C	WC	HA		C	WC	HA		
MATÉRIEL	☒	☒	☒	MILL TEST	☒	☒	☒		
VISUEL	☒	☒	☒	RAYON X	☒	☒	☒		
DIMENSIONNEL	☒	☒	☒	POINÇON	☒	☒	☒		
LOCALISATION	☒	☒	☒	EXTREMITÉ DOUCHE	☒	☒	☒		
ORIENTATION	☒	☒	☒	NETTOYAGE	☒	☒	☒		
IDENTIFICATION	☒	☒	☒	PEINTURE	☒	☒	☒		
RESPONSABLE ATTELIER	<i>Quenec'h</i>				DATE		25.02.2006		
INSPECTEUR QUALITÉ	<i>Stefan</i>				DATE		27.02.2006		

[illegible]

MK-10¹²

6" A333
1500 2B

FABRICATION DRAWINGS BASED ON
WSP CERTIFIED ENGINEERING

LISTE DE MATERIEL				
No	QTC	QVA	MATERIEL / CATALOGUE	DESCRIPTION
1	1296 MM	150	A 333 Gr. 6	SCH 310, SML2 PIPE
2	1	150X15	A 350 Gr. 1F2	CL 3000, TIREBOUT
3	3	150		PIPE SUPPORT AS PER DETAIL 1, DWG: 65-103-270-200
4	3	150		PIPE SHOE AS PER DETAIL 2, DWG: 65-103-270-200

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0	2017/05/15	ISSUED FOR CONSTRUCTION	KHV
No.	DATE	REVISION	PAR

CLIENT:	
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AGNICO EAGLE



NO. DE CONDUITE		SPECIFICATION	PRODUIT	SYSTEME REVETEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	EPAISS. D'ISOLATION	
103-150-PD1-CC10-002		CC10	PD1		-		65-103-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE	65-103-205-200 P&ID
		PSIG	°F	PSIG				No. DESSIN
								DESSINS DE REFERENCE

SCEAU PROFESSIONNEL	CONC: KIV	PROJECT:	AGNICO EAGLE - MELADINE DIVISION		
	DATE: 2011/04/23		103 - COMBUSTIBLE		
	DESSIN PAR: KVC	TITRE:	RANKIN INLET		
	DATE: 2011/04/23		FABRICATION ISOMETRIC		
	VOL PAR: -		MARINE LINE TO 65TNK11602		
	DATE: -				
	APP.: -	No PROJECT	No DESSIN	PAGES	R
	DATE: -	6515	103-150-PDI-CC10-002	1/3	
CHARGE: AUCUNE					

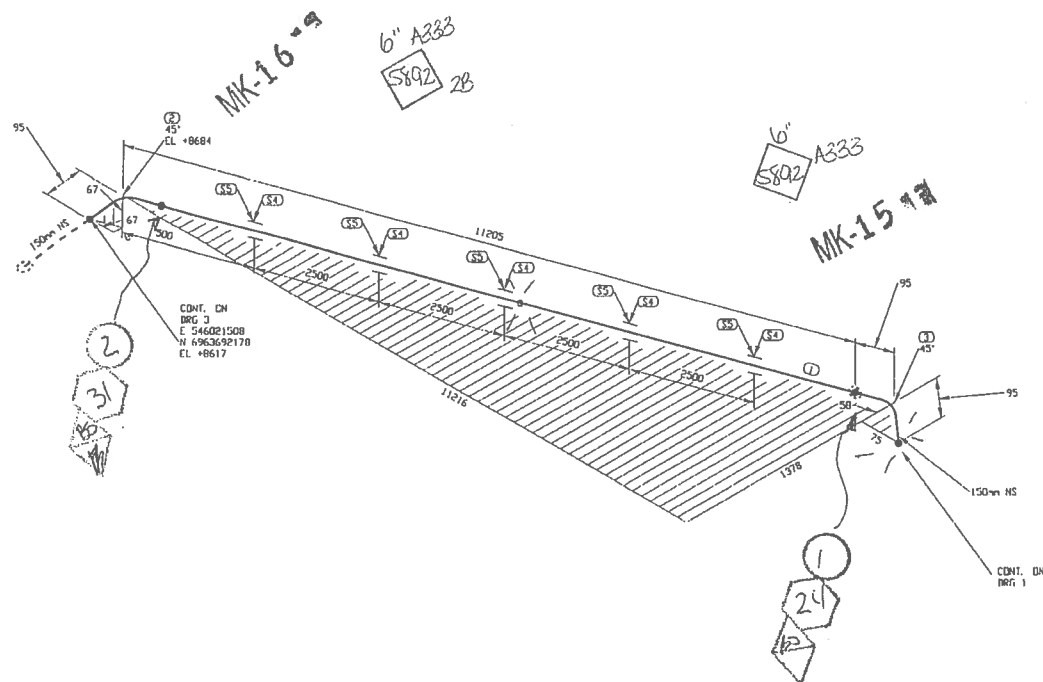


TABLEAU DE CONCEPTION	
NO. DE CONDUITE	002
SPÉCIFICATION	CC10
PRODUIT	PDI
SISTÈME REVÊTEMENT	
CODE DE COULEUR	
ISOLATION ET TRACAGE	
ÉPAISS. D'ISOLATION	
TRAITEMENT THERMIQUE	
RESPONSABLE ATELIER	
INSPECTEUR QUALITÉ	

UNIES-FAB	
AGATÉRIEL	☒
VISUEL	☒
DIMENSIONNEL	☒
LOCALISATION	☒
ORIENTATION	☒
IDENTIFICATION	☒
RESPONSABLE ATELIER	
INSPECTEUR QUALITÉ	

FABRICATION DRAWINGS BASED ON
WSP CERTIFIED ENGINEERING

NO. DE CONDUITE	SPÉCIFICATION	PRODUIT	SISTÈME REVÊTEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	ÉPAISS. D'ISOLATION	TRAITEMENT THERMIQUE
103-150-PDI-CC10-002	CC10	PDI				65-103-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE
PSIG	°F	PSIG	°F	PSIG		No. DESSIN	DESSINS DE REFERENCE

LISTE DE MATERIEL					DESCRIPTION
1	11110	MM	150	A 233 Gr. 6	SCH STD. SWS PIPE
2	1		150	A 420 Gr. WPL 6	SCH STD. BW LR 45 DEG ELBOW
3	1		150	A 420 Gr. WPL 6	SCH STD. BW LR 90 DEG ELBOW TRIM TO 45.00
4	5		150		PIPE SUPPORT AS PER DETAIL 1, DWG 65-103-270-200
5	5		150		PIPE SHOE AS PER DETAIL 2, DWG 65-103-270-200

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ENATELIER LE
31 MAI 2017
CST: BS

0	2017/05/15	ISSUED FOR CONSTRUCTION	KHV
No.	DATE	REVISION	PAR

CLIENT:

AGNICO EAGLE

NUQSANA-PROMEC MINING

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CONSULTANT PROJECT NO. 591700

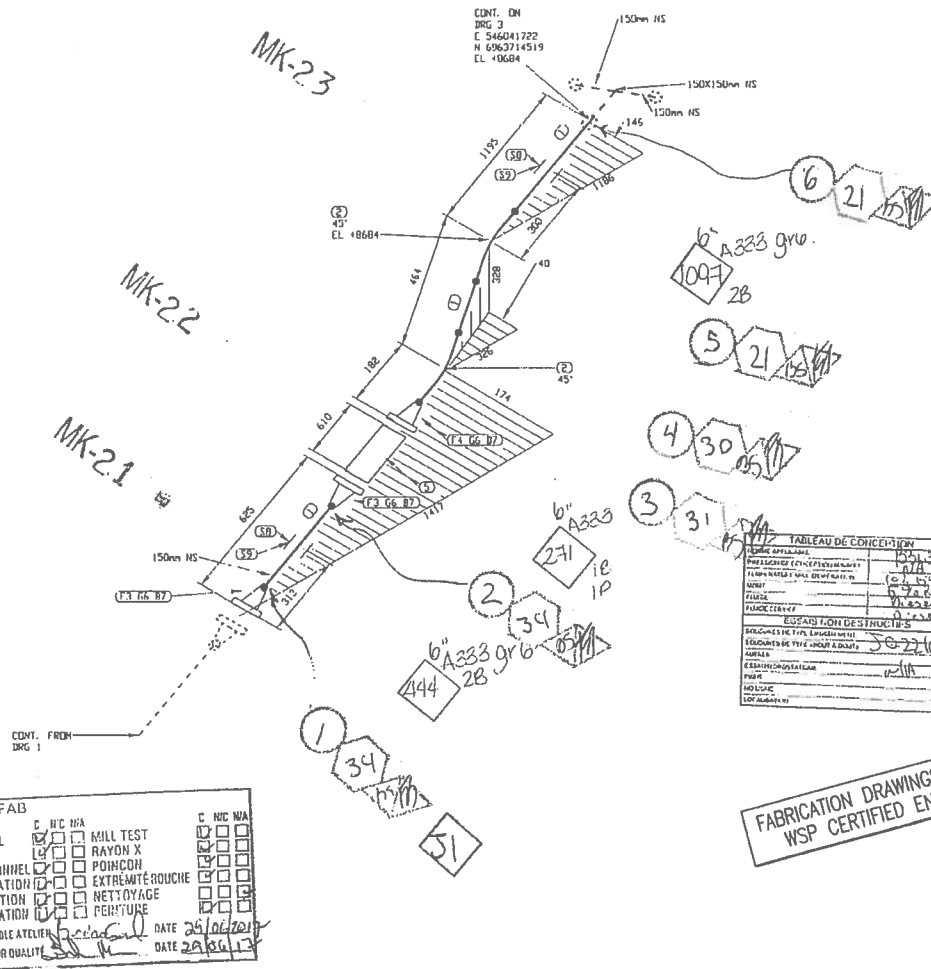
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CONC.: KHV	DATE: 2017/04/15	AGNICO EAGLE - MELIADINE DIVISION	
DESSINE PAR: KVC	DATE: 2017/04/15	103 - COMBUSTIBLE	
VDL PAR: -	DATE: -	TITRE:	
APP.: -	DATE: -	RANKIN INLET	
DATE: -	DATE: -	FABRICATION ISOMETRIC	
ECHELLE: AUCUNE	DATE: -	MARINE LINE TO 65TNK11602	
No PROJET		No DESSIN	PAGES
6515		103-150-PDI-CC10-002	2/3
			REV.
			0



RECEIVED LE: May 17, 2017, 3:18pm

CONC: 104V	PROJECT: AGNICO EAGLE - MELIADINE DIVISION			
DATE: 2017/04/25	103 - COMBUSTIBLE			
DESIGN: PARL 104C	TITLE: RANKIN INLET			
DATE: 2017/04/27	FABRICATION ISOMETRIC			
VER. PAR: -	DIESEL FROM 65TNK11601 & 65TNK11602 TO PUMPING STATION			
DATE: -				
APP: -	No PROJECT	No DESIGN	PAGES	REV.
DATE: -	6515	103-150-PDI-CC10-003	1/12	0
DESIGNED: AUCUNE				

03-MN-01



UNIES-FAB		C. N°C. N°A		C. N°C. N°A	
MATÉRIEL	☒	RAYON X	☒	MILL TEST	☒
VISUEL	☒	POINÇON	☒	RAYON X	☒
DIMENSIONNEL	☒	EXTREMITÉ ROUCHE	☒	RAYON X	☒
LOCALISATION	☒	NETTOYAGE	☒	RAYON X	☒
ORIENTATION	☒	PERFECTURE	☒	RAYON X	☒
IDENTIFICATION	☒			RAYON X	☒
RESPONSABLE ATELIER	☒			RAYON X	☒
INSPECTEUR QUALITÉ	☒			RAYON X	☒

FABRICATION DRAWINGS BASED ON
WSP CERTIFIED ENGINEERING

LISTE DE MATERIEL

NO	QTE	DA	MATERIEL/CATALOGUE	DESCRIPTION
1	1075	184	A 333 Gr. 6	SDH STD, SHLS PIPE
2	2	150	A 420 Gr. WPL6	SDH STD, BV LR 45 DEG ELBOW
3	2	150	A 350 Gr. LF2	CL 150, SDH STD, RT, WH FLANGE
4	1	150	A 350 Gr. LF2	CL 150, SDH STD, RT, WH FLANGE
5	1	150	A 350 Gr. LF2	CL 150, SINGLE DRAINAGE ROSE ASSEMBLY
6	3	150	ASHE B16.20	CL 150, GARLOCK 5500, RING TYPE GASKET 1/8"
7	24	19	A 193 B7/A 194 2H	CL 150, 0 - 19.05 X 100 STUD BOLTS c/w TWO
8	2	150		HEAVY HEX NUTS
9	2	150		PIPE SUPPORT AS PER DETAIL 1, DWG: 65-103-P770-201
				PIPE SLEEVE AS PER DETAIL 2, DWG: 65-103-2/10-201

CONTRAT UF
2106

ENATELIER LE
31 MAI 2017
par: 157

0	2017/05/15	ISSUED FOR CONSTRUCTION	KHV
No.	DATE	REVISION	PAR
			APP.

CLIENT:

AGNICO EAGLE

NUQSANA PROMEC MINING

ultragen

CONSULTANT PREPARE: 591700

CONC: KHV	DATE: 2017/04/25	PROJET: AGNICO EAGLE - MELTADINE DIVISION
DESSINE PAR: KVC	DATE: 2017/04/25	103 - COMBUSTIBLE
VDR PAR: -	DATE: -	TITRE: RANKIN INLET
APP: -	DATE: -	FABRICATION ISOMETRIC
DATE: -	DATE: -	DIESEL FROM 65TNK11601 & 65TNK11602 TO PUMPING STATION
ECHELLE: AUCUNE	No PROJET: 6515	No DESSIN: 103-150-PDI-CC10-003
	PAGES: 2/12	REV: 0

NO. DE COMMANDE	SPECIFICATION	PROJET	SISTÈME REVÊTEMENT	CODE DE COULEUR	ISOLATION ET TRACAGE	UPRESS. D'ISOLATION	PIPE SUPPORT DETAILS
103-150-PDI-CC10-003	CC10	PDI		-		65-103-270-200	PIPE SUPPORT DETAILS
PRESSION D'OPERATION	TEMPERATURE D'OPERATION	PRESSION DE CONCEPTION	TEMPERATURE DE CONCEPTION	PRESSION D'ESSAI	CLASSE D'INSPECTION	CODE DE SERVICE	TRAITEMENT THERMIQUE
PSIG	°F	PSIG	°F	PSIG		No. DESSIN	DESSINS DE REFERENCE

