



Garlock Sealing Technologies  
Garlock Inc  
1666 Division Street  
Palmyra, New York 14522-9350  
800-448-6688  
315-597-4811  
Fax: 800-543-0598  
<http://www.garlock.net>

**Bolt Torque Values for ASME B16.5 Class 150# Raised Face Flanges**  
**with A193 Grade B7 Bolts**  
for *GYLON®* and *Compressed Sheet* gaskets

Nom. Pipe Size (Inches)	No. of Bolts	Size of Bolts (Inches)	Internal Pressure (psig)	Minimum Torque (ft.lbs.)	Preferred Torque (ft.lbs.)
1/2	4	1/2	300	9	28
3/4	4	1/2	300	13	40
1	4	1/2	300	17	53
1-1/4	4	1/2	300	26	60
1-1/2	4	1/2	300	35	60
2	4	5/8	300	69	120
2-1/2	4	5/8	300	81	120
3	4	5/8	300	119	120
3-1/2	8	5/8	300	66	120
4	8	5/8	300	84	120
5	8	3/4	300	117	200
6	8	3/4	300	148	200
8	8	3/4	300	200	200
10	12	7/8	300	188	320
12	12	7/8	300	250	320
14	12	1	300	317	490
16	16	1	300	301	490
18	16	1-1/8	300	448	710
20	20	1-1/8	300	395	710
24	20	1-1/4	300	563	1000



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**Bolt Torque Values for ASME B16.5 Class 300# Raised Face Flanges**  
**with A193 Grade B7 Bolts**  
for *GYLON®* and *Compressed Sheet* gaskets

Nom. Pipe Size (Inches)	No. of Bolts	Size of Bolts (Inches)	Internal Pressure (psig)	Minimum Torque (ft.lbs.)	Preferred Torque (ft.lbs.)
1/2	4	1/2	800	12	28
3/4	4	5/8	800	21	51
1	4	5/8	800	28	67
1-1/4	4	5/8	800	43	102
1-1/2	4	3/4	800	64	151
2	8	5/8	800	46	108
2-1/2	8	3/4	800	60	141
3	8	3/4	800	88	200
3-1/2	8	3/4	800	99	200
4	8	3/4	800	125	200
5	8	3/4	800	156	200
6	12	3/4	800	131	200
8	12	7/8	800	205	320
10	16	1	800	219	490
12	16	1-1/8	800	319	710
14	20	1-1/8	800	287	652
16	16	1-1/4	800	401	912
18	24	1-1/4	800	439	1000
20	24	1-1/4	800	484	1000
24	24	1-1/2	800	662	1552





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**Bolt Torque Values for ASME B16.5 Class 150# Raised Face Flanges  
with A193 Grade B7 Bolts  
for **GRAPH-LOCK®** gaskets**

Nom. Pipe Size (Inches)	No. of Bolts	Size of Bolts (Inches)	Internal Pressure (psig)	Minimum Torque (ft.lbs.)	Preferred Torque (ft.lbs.)
1/2	4	1/2	300	9	20
3/4	4	1/2	300	13	27
1	4	1/2	300	17	35
1-1/4	4	1/2	300	26	54
1-1/2	4	1/2	300	35	60
2	4	5/8	300	69	120
2-1/2	4	5/8	300	81	120
3	4	5/8	300	119	120
3-1/2	8	5/8	300	66	120
4	8	5/8	300	84	120
5	8	3/4	300	117	200
6	8	3/4	300	148	200
8	8	3/4	300	200	200
10	12	7/8	300	188	320
12	12	7/8	300	250	320
14	12	1	300	317	490
16	16	1	300	301	490
18	16	1-1/8	300	448	710
20	20	1-1/8	300	395	710
24	20	1-1/4	300	563	1000



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**Bolt Torque Values for ASME B16.5 Class 300# Raised Face Flanges  
with A193 Grade B7 Bolts  
for *GRAPH-LOCK®* gaskets**

Nom. Pipe Size (Inches)	No. of Bolts	Size of Bolts (Inches)	Internal Pressure (psig)	Minimum Torque (ft.lbs.)	Preferred Torque (ft.lbs.)
1/2	4	1/2	800	12	20
3/4	4	5/8	800	21	34
1	4	5/8	800	28	45
1-1/4	4	5/8	800	43	68
1-1/2	4	3/4	800	64	101
2	8	5/8	800	46	72
2-1/2	8	3/4	800	60	94
3	8	3/4	800	88	138
3-1/2	8	3/4	800	99	154
4	8	3/4	800	125	196
5	8	3/4	800	156	200
6	12	3/4	800	131	200
8	12	7/8	800	205	320
10	16	1	800	219	341
12	16	1-1/8	800	319	498
14	20	1-1/8	800	287	435
16	20	1-1/4	800	401	608
18	24	1-1/4	800	439	1000
20	24	1-1/4	800	484	1000
24	24	1-1/2	800	662	1035

## **SECTION 20.0**

### **Punch List**

## QUALITY CONTROL MANUAL

### DEFICIENCY PUNCH LIST RECORD

Exhibit 29, Rev 1

<b>Project:</b> AEM, BAKER LAKE		<b>Project No.:</b> Inukshuk Construction -1	<b>Tank Tag:</b> TK-8 <b>Date:</b> <u>2021-09-09</u>	
Item No.	Drawing No.	Deficiency	Date Completed	Sign Off
1	N/A	Copy of Welder Tickets for Mitchell Barro		
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
STORAGE TANK SOLUTIONS		Signature	Date:	
Agnico Eagle Representative		Signature	Date:	

# **SECTION 21.0**

## **MTR's and Final Documentation**



VISUEL/ VISUAL ☐

MAGNÉTOSCOPIE/  
MAGNETIC PARTICLE ☒

ULTRASONS/  
ULTRASOUNDS ☒

**Englobe Corp.**  
1200, boul. Saint-Martin Ouest, bureau 400  
Laval (Québec) Canada H7S 2E4  
Téléphone : (514) 281-5151  
Télécopieur : (450) 668-5532  
Courriel : [info@englobecorp.com](mailto:info@englobecorp.com)  
Site Web : [www.englobecorp.com](http://www.englobecorp.com)

Client/ Customer	Inukshuk Construction Limited	c/o Mr. Marc Losier ( <a href="mailto:marc@mosher.ca">marc@mosher.ca</a> )
Projet/ Project	Baker Lake 10M Liter Tank#8	N° Dossier/ File # 32-02102078-000-MC-0001-00
Endroit du travail/ Job location	Baker Lake, Nunavut	N° Commande/ P.O. # 341-1009
Entrepreneur/ Contractor		N° Contrat/ Contract #

RÉFÉRENCE/ REFERENCE					
Description	Baker Lake 10M Liter Tank#8 DWG No 341-M6 Rev.A				
Matériau/ Material	Steel	État des pièces/ Condition of parts	As welded	Fabrication :	En cours de/ In process <input type="checkbox"/> Final/ Final <input checked="" type="checkbox"/>
NORMES/ SPECIFICATION	ASME Div.1 sec. VIII Appendix 6 and 12	Instruction qualité/ Quality Instruction	IQ_09_QF_05, IQ_09_QF_07	Date d'examen/ Examination Date	AN/YR MOIS/MO JR/DAY
				2021	09 03-05

ÉQUIPEMENT UTILISÉ MAGNÉTOSCOPIE/ EQUIPMENT USED MAGNETIC PARTICLE					
Appareil/ Equipment	Fabricant/ Manufacturer	Modèle/ Model	N° série/ Serial #	N° Englobe/ Englobe #	Date d'étalonnage/ Calibration date
	MagnaFlux	Y-2	N1265	211207	Fait/ Done 2021-02-11 Dû/ Due 2022-02-11
C.A./ A.C. <input checked="" type="checkbox"/>	Circulaire/ Circular <input type="checkbox"/>	Continuel/ Continuous <input checked="" type="checkbox"/>	Démagnétisé/ Demagnetized		Type
C.C./ D.C. <input type="checkbox"/>	Longitudinal/ Longitudinal <input checked="" type="checkbox"/>	Résiduel/ Residual <input type="checkbox"/>	N/A	Particules/ Particles	Couleur/ Color
					Dry Yellow

ÉQUIPEMENT UTILISÉ ULTRASONS/ EQUIPMENT USED ULTRASOUNDS						
Appareil/ Equipment	Fabricant/ Manufacturer	Modèle/ Model	N° série/ Serial #	N° Englobe/ Englobe #	Date d'étalonnage/ Calibration date	
	Olympus	Epoch 600	(140787710)	210737	Fait/ Done 2021-02-15 Dû/ Due 2022-02-15	
Palpeurs/ Transducers	1 Fabricant/ TechniSonic	Modèle/ CF-0503-GP	N° série/ 27100	Angle d'incidence/ 0°	Fréquence/ 5	Dimension 0.375" Ø
	2 Olympus	A543S-S1	1332003	70°	5	0.25" Ø
	3					
	4					
Bloc d'étalonnage/ Calibration block	Type IIW ASME Cal Block	N° série/ Serial # 19-4240 /	Couplant Echogel	Sensibilité/ Sensitivity	DAC + 39.3 dB	

## RÉSULTATS/RESULTS

### OBJECT

We performed a magnetic particle and ultrasonic inspection on Baker Lake 10M Liter Tank#8.



**Photo 1**  
Baker Lake 10M Liter Tank#8

## MAGNETIC PARTICLE

Magnetic particle inspection was performed on 100% of welds of the sub mention assembly's:

**TABLE 1 – INSPECTION RESULTS**

Item	Dessin/ Drawing	Quantité/ Quantity	Type de joint/ Joint type	Inspection (VT-MT)	Fréquence/ Frequency (%)	Résultats/ Résultats (C / NC)	Commentaires/ Comments
<b>Nozzle SN6 &amp; 341M306</b>	341-M6 Rev.A	6	T -joint weld	MT	N/A	C	
<b>Nozzle SN5 &amp; 341M303</b>	341-M6 Rev.A	2	T -joint weld	MT	N/A	C	
<b>Nozzle SN4</b>	341-M6 Rev.A	1	T -joint weld	MT	N/A	C	
<b>Nozzle SN3</b>	341-M6 Rev.A	1	T -joint weld	MT	N/A	C	
<b>Manhole &amp; 341M302</b>	341-M6 Rev.A	3	T -joint weld	MT	N/A	C	
<b>Manhole &amp; 341M301</b>	341-M6 Rev.A	1	T -joint weld	MT	N/A	C	



**Photos 2 & 3**

Nozzle SN6 & 341M306 outside / inside



**Photos 4 & 5**

Nozzle SN5 & 341M303 outside / inside



**Photos 6 & 7**  
Manhole & 341M302 outside / inside



**Photos 8 & 9**  
Manhole & 341M301 outside / inside  
Nozzle SN3, SN4 outside / inside

## **ULTRASOUNDS**

Ultrasonic inspection was performed on welds spots full penetration weld of the sub mention assemblies.  
Each location spots specified by client.

**TABLE 2 – INSPECTION RESULTS**

Item	Drawing	Quantity	Joint type	Thickness (mm)	Frequency (%)	Scanning Distance (mm)	Results (C /NC) and comments
C5/C5 with C4	341-M6 Rev.A	9	Butt -joint weld	6.5 mm 7.9 mm	N/A	Variable	C. Vertical spot 6" Horizontal spot 4"
C4/C4 with C5	341-M6 Rev.A	9	Butt -joint weld	6.5 mm 7.9 mm	N/A	Variable	C. Vertical spot 6" Horizontal spot 4"
Horizontal weld C5 with C4	341-M6 Rev.A	2	Butt -joint weld	6.5 mm 7.9 mm	N/A	Variable	C. Spot 6"
C4/C4 with C3	341-M6 Rev.A	9	Butt -joint weld	7.9 mm	N/A	Variable	C. Vertical spot 6" Horizontal spot 4"
C3/C3 with C4	341-M6 Rev.A	9	Butt -joint weld	7.9 mm	N/A	Variable	C. Vertical spot 6" Horizontal spot 4"
Horizontal weld C4 with C3	341-M6 Rev.A	2	Butt -joint weld	7.9 mm	N/A	Variable	C. Spot 6"
C3/C3 with C2	341-M6 Rev.A	9	Butt -joint weld	7.9 mm 9.5 mm	N/A	Variable	C. Vertical spot 6" Horizontal spot 4"
C2/C2 with C3	341-M6 Rev.A	9	Butt -joint weld	9.5 mm 7.9 mm	N/A	Variable	C. Vertical spot 6" Horizontal spot 4"
Horizontal weld C3 with C2	341-M6 Rev.A	2	Butt -joint weld	7.9 mm 9.5 mm	N/A	Variable	C. Spot 6"



Item	Drawing	Quantity	Joint type	Thickness (mm)	Frequency (%)	Scanning Distance (mm)	Results (C /NC) and comments
C2/C2 with C1	341-M6 Rev.A	9	Butt -joint weld	9.5 mm 12.7 mm	N/A	Variable	C. Vertical spot 6" Horizontal spot 4"
C1/C1 with C2	341-M6 Rev.A	8	Butt -joint weld	9.5 mm 12.7 mm	N/A	Variable	C. Vertical spot 6" Horizontal spot 4"
Horizontal weld C1 with C2	341-M6 Rev.A	2	Butt -joint weld	9.5 mm 12.7 mm	N/A	Variable	C. Spot 6"
Vertical weld Middle C1/C1	341-M6 Rev.A	8	Butt -joint weld	12.7 mm	N/A	Variable	C. Spot 6"
Vertical weld Bottom C1/C1	341-M6 Rev.A	8	Butt -joint weld	12.7 mm	N/A	Variable	C. Spot 6"
Door C1/C1 with C2	341-M6 Rev.A	2	Butt -joint weld	9.5 mm 12.7 mm	N/A	Variable	C. See note. Vertical spot 6" Horizontal spot 4"
Door horizontal weld C1 with C2	341-M6 Rev.A	1	Butt -joint weld	9.5 mm 12.7 mm	N/A	Variable	C. Spot 6"
Door vertical middle weld C1 with C2	341-M6 Rev.A	2	Butt -joint weld	12.7 mm	N/A	Variable	C. Spot 6"
Door vertical bottom weld C1 with C2	341-M6 Rev.A	2	Butt -joint weld	12.7 mm	N/A	Variable	C. Spot 6"

**Note:** On left horizontal spot 4" in outside door discovered porosity. Depth -7.25 mm, size 1mm at the level of 60% DAC.



**Photos 10 & 11**

Inspection area specified by client. Vertical spot 6" Horizontal spot 4"



**Photos 12 & 13**

Inspection area specified by client. Horizontal weld spot 6". Middle and bottom Vertical weld C1/C1 spot 6".



**Photo 14**

Door welds. Horizontal weld spot 6". Welds C1/C1 with C2. Vertical bottom and middle welds spot 6".


## **CONCLUSION**

All welds inspected are following ASME Div.1 sec. VIII Appendix 6 and 12

/ab

The present report shall not be reproduced, unless as a whole, without written authorization of its author and Englobe Corp.  
Unless otherwise indicated, results shown apply only to analyzed sample.

If tests have been carried out, the results of these tests are valid only for the sample described in the present report.  
Subcontractors of Englobe Corp. who would have performed field or laboratory work are duly qualified according to the procurement procedure of our quality manual. For further or additional information, please contact the undersigned.

<b>Préparé par/ Prepared by</b>  Iuri Tocarciuc CSA W178.2 level 1 #8625 CGSB PT-MT-UT level 2 #17073	<b>Date :</b>  2021-09-06
<b>Approuvé par/ Approved by</b>    David Trudel Supervisor CSA W178.2 level 3 #4687 CGSB PT-MT-UT level 2 #12133	<b>Date :</b>  2021-09-08
<b>c.c. :</b>  Y:\Shared\CA\Laval\Data\Projets\123\02102078_Mosher\1_Livrables\32-02102078.000_MC_0001_00\32-02102078_000_MC_00001_00_it.doc	

EQ-09-MC-107B-Rév. 0





# Certificate of Calibration

Kingsway Instruments Inc.  
4319 Roper Road Edmonton, AB. T6B 3S5  
PHONE: (780) 463-5264



UNIT UNDER TEST: Westward TWA34	TEST RESULT: PASS
UNIT DESCRIPTION: 600 ft/lb torque wrench	CAL DATE: 12 May 2021
SERIAL NUMBER: G2013 01132	CAL DUE: 12-May-2022
ASSET NUMBER: A-79501	DATA TYPE: FOUND-LEFT
UNIT NUMBER: 35654	TEMPERATURE: 23.00 °C
CALIBRATED BY: Tyler Harris	HUMIDITY: 40 %
PROCEDURE REV.: 1.2	WORK ORDER: H-3110
PROCEDURE NAME: Westward TWA34:(1 Yr) CAL VER/43228/50773	

**CUSTOMER:** Storage Tank Solutions  
9 Well Head Street  
Devon, AB T9E 1Z6

Kingsway Instruments Inc. certifies that the above listed instrument meets or exceeds all specifications as stated in the referenced procedure (unless otherwise noted). It has been calibrated using measurement standards traceable to the National Institute of Standards and Technology (NIST), or to NIST accepted intrinsic standards of measurement, or derived by the ratio type of self-calibration techniques.

This report may not be reproduced, except in full, unless permission for the publication of an approved abstract is obtained in writing from the calibration organization issuing this report.

Note: Any Test Uncertainty Ratio (TUR) that is less than four to one will appear under the "TUR" heading on the data record. If the TUR meets or exceeds four to one, the field is left blank.

**REMARKS:** Found-Left data. Calibration within manufacturer's specification.

## Standards Used For Calibration

Serial #	Description	Cal Date	Due Date
63986	Norbar 43228 Torque Tool Tester	Jun/09/2020	Jun/09/2021
99189	Norbar 50773.LOG 1000 lbf.ft Torque Transducer	Jun/09/2020	Jun/09/2021

## Test Results

Test Description	True Value	Test Result	Lower limit	Upper limit	Units	TUR
<b>Torque Test - Foot lbs</b>						
550.00 ft/lbs		546.50	528.00	572.00	ft/lbs	Pass
350.00 ft/lbs		350.30	336.00	364.00	ft/lbs	Pass
150.00 ft/lbs		153.06	144.00	156.00	ft/lbs	Pass

\*\*\*\*\* End of Certificate \*\*\*\*\*

Technician





# JARON WOLFF

## CERTIFICATE OF CALIBRATION

**CERTIFICATE # 176983**

CUSTOMER: STORAGE TANK SOLUTIONS INC  
8835 - 94 STREET  
EDMONTON, ALBERTA T6C 3V2

Unit Under Test R7SL

UUT Description PRESSURE GAUGE

PO Number	Asset Number	Serial Number	Calibration Date	Due Date
VERBAL	WA8287	JW210423-4	23-Apr-2021	

WO Number	Temperature	Relative Humidity	As Found Condition	As Left Condition
16042	22.1 °C	11.1%	Pass	Pass

Calibration Procedure: 75-(B)-1

Remarks:

Work performed by:



Sheldon Cunningham  
Calibration Technician

Approved by:



Bo Svoboda  
Quality Manager

### Standards Used For Calibration:

JW ID	Mfg/Model	Serial No	Description	Certificate No	Cal Date	Due Date
T-010	MERIAM M200-CI0100	1523000045	MANOMETER	A-44461:154883084	30-01-2019	30-01-2022

The calibration results of the above instrument are traceable to the International System of Units (SI), through the National Institute of Standards Technology or other National Metrological Institutes. All uncertainties have been estimated using a coverage factor of  $k=2$ , which results in a confidence level of approximately 95%. All test uncertainty ratios (TUR) are 4:1 or greater. Information of this certificate is only applicable to the instrument identified within and may not be reproduced, except in full, without the prior written approval of Jaron Wolff Process Controls Ltd. Any due date given is based on a customer provided calibration interval. There is no implied warranty that the instrument will maintain specific tolerances for a specific time period due to environmental, operator and other factors beyond our control.



# JARON WOLFF

## CERTIFICATE OF CALIBRATION

### Calibration Results

Certificate Number 176983

Asset Number WA8287

Serial Number JW210423-4

Test Description	Nominal Value (UUT)	Test Results (Reference)		Tolerance (+/-)	Uncertainty (+/-)
		As Found	As Left		
	0	0	0	N/A	N/A
UNITS	- 7.50	- 8.04	- 8.04	0.90	N/A
IN/HG	- 15	- 15.02	- 15.02	0.60	N/A
	- 22.50	- 21.79	- 21.79	0.90	N/A
UPSCALE PRESSURE					

# JARON WOLFF

## CERTIFICATE OF CALIBRATION

### Calibration Results

Certificate Number 176983

Asset Number WA8287

Serial Number JW210423-4

Test Description	Nominal Value (UUT)	Test Results (Reference)		Tolerance (+/-)	Uncertainty (+/-)
		As Found	As Left		
	0	0	0	N/A	N/A
UNITS	- 7.50	- 8.04	- 8.04	0.90	N/A
IN/HG	- 15	- 15.02	- 15.02	0.60	N/A
	- 22.50	- 21.79	- 21.79	0.90	N/A
UPSCALE PRESSURE					



# JARON WOLFF

## CERTIFICATE OF COMPLIANCE

CUSTOMER: STORAGE TANK SOLUTIONS INC  
8835 - 94 STREET  
EDMONTON, ALBERTA T6C 3V2

**Manufacturer:** MCDANIEL CONTROLS

**Item:** PRESSURE GAUGE

**Part Number:** R7SL (RANGE: - 30 IN/HG - 0)

**Material:** BRASS INTERNALS

**Accuracy:** 3-2-3% OF FULL SCALE

**Custom Dial:** N/A

**Serial Number:** JW210423-4

**Certificate Number:** 176983

**Asset Number:** WA8287

**O2 Certificate:** N/A

**Customer PO:** VERBAL

**Date:** APRIL 23-2021

**Work Order:** 16042

We hereby certify that the above item(s) supplied by us are in compliance with the terms, conditions and specifications of the above purchase order. In addition, that these item(s) were fabricated, inspected and tested in accordance with the referenced standards, codes, specifications and meet the relevant acceptance criteria and requirements.

Referenced Standards: DIN-ISO 9001:2015 (#S89405/S800048)  
CRN (#0F16878.2)

Approved by:



Bo Svoboda  
Quality Manager





# JARON WOLFF

## CERTIFICATE OF CALIBRATION

**CERTIFICATE # 176986**

CUSTOMER: STORAGE TANK SOLUTIONS INC  
8835 - 94 STREET  
EDMONTON, ALBERTA T6C 3V2

Unit Under Test R7B

UUT Description PRESSURE GAUGE

PO Number	Asset Number	Serial Number	Calibration Date	Due Date
VERBAL	WA8290	JW210423-7	23-Apr-2021	

WO Number	Temperature	Relative Humidity	As Found Condition	As Left Condition
16042	22.1 °C	11.1%	Pass	Pass

Calibration Procedure: 75-(B)-1

Remarks:

Work performed by:



Sheldon Cunningham  
Calibration Technician

Approved by:



Bo Svoboda  
Quality Manager

### Standards Used For Calibration:

JW ID	Mfg/Model	Serial No	Description	Certificate No	Cal Date	Due Date
T-010	MERIAM M200-CI0100	1523000045	MANOMETER	A-44461:154883084	30-01-2019	30-01-2022

The calibration results of the above instrument are traceable to the International System of Units (SI), through the National Institute of Standards Technology or other National Metrological Institutes. All uncertainties have been estimated using a coverage factor of  $k=2$ , which results in a confidence level of approximately 95%. All test uncertainty ratios (TUR) are 4:1 or greater. Information of this certificate is only applicable to the instrument identified within and may not be reproduced, except in full, without the prior written approval of Jaron Wolff Process Controls Ltd. Any due date given is based on a customer provided calibration interval. There is no implied warranty that the instrument will maintain specific tolerances for a specific time period due to environmental, operator and other factors beyond our control.

**JARON WOLFF**  
**CERTIFICATE OF CALIBRATION**

## Calibration Results

#### Certificate Number

Asset Number

Serial Number

[illegible]

# JARON WOLFF

## CERTIFICATE OF CALIBRATION

### Calibration Results

Certificate Number 176986

Asset Number WA8290

Serial Number JW210423-7

Test Description	Nominal Value (UUT)	Test Results (Reference)		Tolerance (+/-)	Uncertainty (+/-)
		As Found	As Left		
	0	0	0	N/A	N/A
UNITS	7.50	7.78	7.78	0.90	N/A
PSI	15	15.31	15.31	0.60	N/A
	22.50	22.90	22.90	0.90	N/A
UPSCALE PRESSURE					



# JARON WOLFF

## CERTIFICATE OF COMPLIANCE

CUSTOMER: STORAGE TANK SOLUTIONS INC  
8835 - 94 STREET  
EDMONTON, ALBERTA T6C 3V2


**Manufacturer:** MCDANIEL CONTROLS  
**Item:** PRESSURE GAUGE  
**Part Number:** R7B (RANGE: 0 - 30 PSI)  
**Material:** BRASS INTERNALS  
**Accuracy:** 3-2-3% OF FULL SCALE  
**Custom Dial:** N/A

**Serial Number:** JW210423-7  
**Certificate Number:** 176986  
**Asset Number:** WA8290  
**O2 Certificate:** N/A  
**Customer PO:** VERBAL  
**Date:** APRIL 23-2021  
**Work Order:** 16042

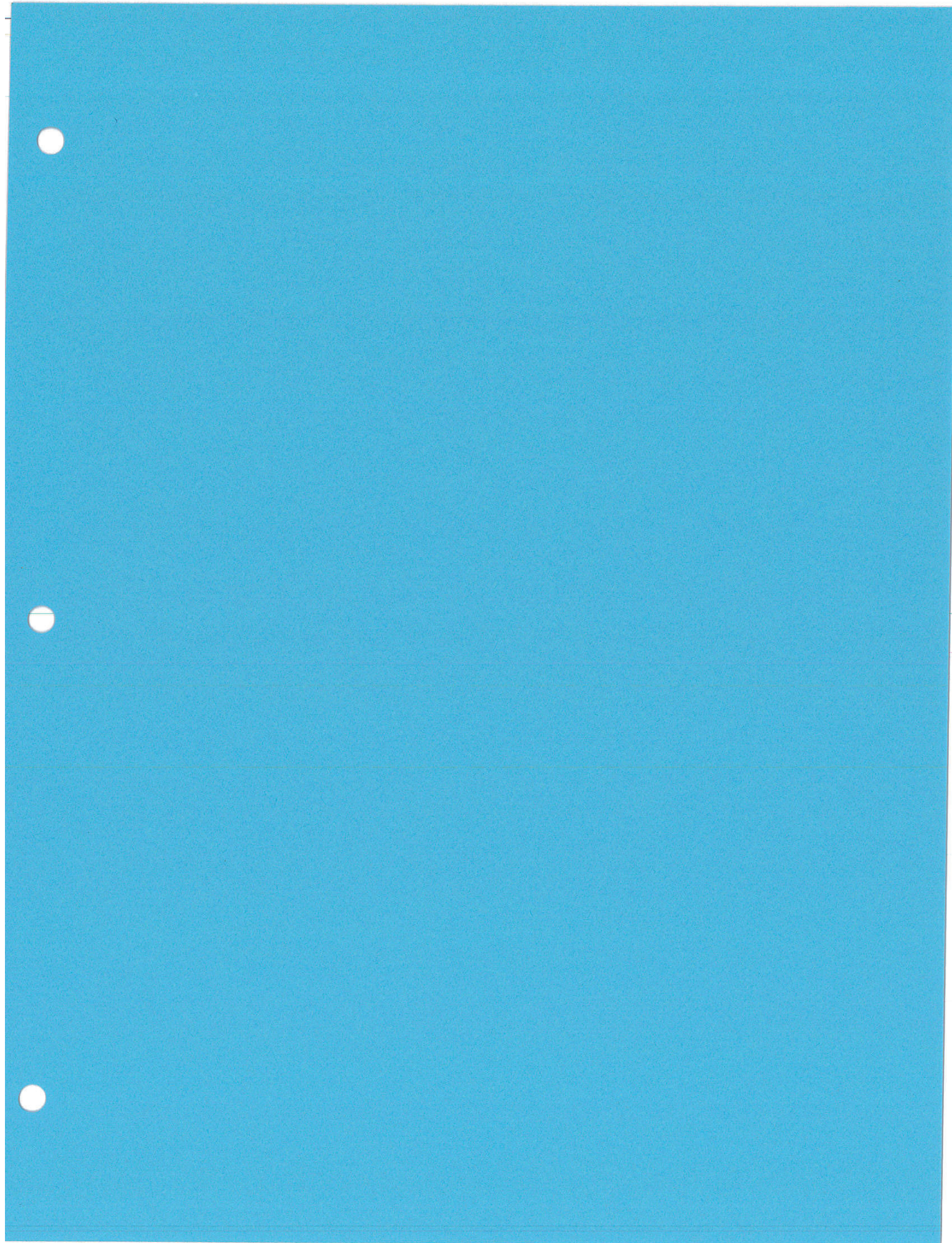
We hereby certify that the above item(s) supplied by us are in compliance with the terms, conditions and specifications of the above purchase order. In addition, that these item(s) were fabricated, inspected and tested in accordance with the referenced standards, codes, specifications and meet the relevant acceptance criteria and requirements.

Referenced Standards: DIN-ISO 9001:2015 (#S89405/S800048)  
CRN (#0F16878.2)

Approved by:

  
Bo Svoboda  
Quality Manager









CANADA CUSTOMS INVOICE  
FACTURE DES DOUANES CANADIENNES

MRR #001

Page 1 of 1  
de

Vendor (name and address) - Vendeur (nom et adresse) American Alloy Steel 650 Harbor Way Rome, NY 13440 Tel: (800) 231-3502 Fax: (315) 371-9089		2. Date of direct shipment to Canada - Date d'expédition directe vers le Canada 3/256/21	
3. Other references (include purchaser's order no.) Autres références (inclure le n° de commande de l'acheteur SO#677328, PO#341-1001-NY		5. Purchaser's name and address (if other than consignee) Nom et adresse de l'acheteur (s'il diffère du destinataire) American Alloy Steel 650 Harbor Way Rome, NY 13440	
i. Consignee (name and address) - Destinataire (nom et adresse)  Techform-Montal 3119 Boul Des Entreprises Terrebonne, QC J6X 4J9 Canada  CUSTOMS Seamont Brokerage Phone 514-931-0306 Fax 514-363-5564		6. Country of transshipment - Pays de transbordement USA	
7. Country of origin of goods Pays d'origine des marchandises USA		IF SHIPMENT INCLUDES GOODS OF DIFFERENT ORIGINS AGAINST ITEMS IN 12. SI L'EXPÉDITION COMPREND DES MARCHANDISES D'ORIGINES DIFFÉRENTES, PRÉCISEZ LEUR PROVENANCE EN 12	
8. Transportation: Give mode and place of direct shipment to Canada Transport: Précisez mode et point d'expédition directe vers le Canada		9. Conditions of sale and terms of payment (i.e. Sale, consignment shipment, leased goods, etc.) Conditions de vente et modalités de paiement (p. ex. vente, expédition en consignation, location de marchandises, etc.) SALE	
10. Currency of settlement - Devises du paiement US FUNDS			
11. Number of packages Nombre de colis 3 5	12. Specification of commodities (kind of packages, marks and numbers, general description and characteristics, i.e., grade quality) Désignation des articles (nature des colis, marques et numéros, description générale et caractéristiques, p. ex. classe, qualité) STEEL PLATE CARBON	13. Quantity (state unit) Quantité (précisez l'unité) EACH	14. Unit Price Prix unitaire 4901.00 3676.00
		15. Total 14,703.00 18,380.00	
If any of fields 1 to 17 are included on an attached commercial invoice, check this box Si tout renseignement relativement aux zones 1 à 17 figure sur une ou des factures commerciales ci-attachées, cochez cette case Commercial Invoice No. / N° de la facture commerciale <input type="checkbox"/>		16. Total Weight - Poids Total Net 44,107 Gross - Brut 44,107	
17. Invoice total Total de la fac 33,083.00			
19. Exporter's name and address (if other than vendor) Nom et adresse de l'exportateur (s'il diffère du vendeur)		20. Originator (name and address) - Expéditeur d'origine (nom et adresse) American Alloy Steel 650 Harbor Way Rome, NY 13440	
21. CCRA ruling (if applicable) - Décision de l'Agence (s'il y a lieu)		22. If fields 23 to 25 are not applicable, check this box Si les zones 23 à 25 sont sans objet, cochez cette case <input checked="" type="checkbox"/>	
23. If included in field 17 indicate amount: Si compris dans le total à la zone 17, précisez: (i) Transportation charges, expenses and insurance from the place of direct shipment to Canada Les frais de transport, dépenses et assurances à partir du point d'expédition directe vers le Canada (ii) Costs for construction, erection and assembly incurred after importation into Canada Les coûts de construction, d'érection et d'assemblage après importation au Canada (iii) Export packing Le coût de l'emballage d'exportation		24. If not included in field 17 indicate amount: Si non compris dans le total à la zone 17, précisez: (i) Transportation charges, expenses, and insurance from the place of direct shipment to Canada Les frais de transport, dépenses et assurances jusqu'au point d'expédition directe vers le Canada (ii) Amounts for commissions other than buying commissions Les commissions autres que celles versées pour l'achat (iii) Export packing Le coût de l'emballage d'exportation	
		25. Check (if applicable): Cochez (s'il y a lieu): (i) Royalty payments or subsequent proceeds are paid or payable by the purchaser Des redevances ou produits ont été ou seront versés par l'acheteur (ii) The purchaser has supplied goods or services for use in the production of these goods L'acheteur a fourni des marchandises ou des services pour la production de ces marchandises	

UNITED STATES-MEXICO-CANADA AGREEMENT (USMCA)  
**CERTIFICATE OF ORIGIN**

(Please print or type.)

<b>1. CERTIFIER NAME AND ADDRESS:</b> PATTI KEYES 650 HARBOR WAY ROME, NY 13440 DIRECT TEL: 315-371-9058 EMAIL: PATTI@AASTEEL.COM		<b>2. EXPORTER NAME AND ADDRESS:</b> AMERICAN ALLOY STEEL, INC. 650 HARBOR WAY ROME, NY 13440 TEL: 800-325-2479 TAX IDENTIFICATION NUMBER: 1-74-1688398-5	
<b>3. PRODUCER NAME AND ADDRESS:</b> Mittel, Coatesville, PA  TEL: N/A      EMAIL: N/A TAX IDENTIFICATION NUMBER: N/A		<b>4. IMPORTER NAME AND ADDRESS:</b> INUKSHUK Construction Limited 1869 Upper Water Street Suite AH202 Halifax, NS B3J 1S9 Canada  TEL: N/A      EMAIL: N/A TAX IDENTIFICATION NUMBER: N/A	
<b>5. DESCRIPTION OF GOOD(S): STEEL PLATE</b> S/O# 677328      PO# 341-1001-NY Item 1, Qty 3, 1/2 X 96 X 480 Item 2, Qty 5, 3/8 X 96 X 480	<b>6. H.S. TARIFF CLASSIFICATION NUMBER</b> 7225.40/0000	<b>7. PREFERENCE CRITERION</b> B	<b>10. COUNTRY OF ORIGIN</b> USA

**I CERTIFY THAT:**

-THE GOODS DESCRIBED IN THIS DOCUMENT QUALIFY AS ORIGINATING AND THE INFORMATION CONTAINED IN THIS DOCUMENT IS TRUE AND ACCURATE. I ASSUME RESPONSIBILITY FOR PROVING SUCH REPRESENTATIONS AND AGREE TO MAINTAIN AND PRESENT UPON REQUEST OR TO MAKE AVAILABLE DURING A VERIFICATION VISIT, DOCUMENTATION NECESSARY TO SUPPORT THIS CERTIFICATION.

-THIS CERTIFICATE CONSISTS OF \_\_\_\_ PAGES, INCLUDING ALL ATTACHMENTS.

<b>1. AUTHORIZED SIGNATURE:</b>	<b>COMPANY:</b> AMERICAN ALLOY STEEL, INC.
<b>NAME (PRINT OR TYPE):</b> PATTI KEYES	<b>TITLE:</b> Ass't Traffic Manager
<b>DATE:</b> 3/26/21	<b>TELEPHONE:</b> 315 371-9058 <b>FAX:</b> 315-371-9089



# AMERICAN ALLOY STEEL, INC.

6230 N. HOUSTON ROSSLYN ROAD

HOUSTON, TEXAS 77091

Phone: 713-462-8081 Fax: 713-462-8209

M.T.R. COVER SHEET

03/26/2021

LOAD 2

Customer Name : INUKSHUK CONSTRUCTION LIMITED  
Address :  
City, State Zip : HALIFAX, NS B3J 1S9  
Attention : M.LOSIER  
Phone Number : 1-902-429-0272  
Reference Number : 677328  
Notes 1 : P.O. NO. 341-1001-NY

Control Number: 1090228  
Queued By : Alex Garza  
Page Number : 1  
Total Pages :  
Fax Number : 1-902-429-7762

THE INFORMATION YOU REQUESTED IS ATTACHED.  
THANK YOU FOR YOUR BUSINESS !

AASI PLATE NUMBER	HEAT # / SLAB #	MILL
5233529	813P63640 S031720	ARCELORMITTAL
5233530	813P63640 S031719	ARCELORMITTAL
5233531	813P63640 S031720	ARCELORMITTAL
5233523	812P33310 S031717	ARCELORMITTAL
5233524	812P33310 S031718	ARCELORMITTAL
5233526	812P33310 S031718	ARCELORMITTAL
5233527	812P33310 S031718	ARCELORMITTAL
5233528	812P33310 S031717	ARCELORMITTAL



AMERICAN ALLOY STEEL, INC.  
650 Harbor Way  
ROME, NY 13440  
PHONE (315) 371-9055 FAX (315) 336-3529

P A C K I N G L I S T

PACKING LIST NO 710944 S/O NO 677328 DATE: 03/29/2021

SOLD TO: 308500 PHONE: 1-902-429-0272 SHIP TO: 3  
INUKSHUK CONSTRUCTION LIMITED TECHFORM-MONTAL  
1869 UPPER WATER STREET SUITE AH202 3139 BOUL DES ENTREPRISES  
HALIFAX, NS B3J 1S9 TERREBONNE, QC  
J6X 4J9

CUSTOMER BUYER NAME:M.LOSIER PHONE NO: 1-902-429-0272

CUST PO NUMBER	FOB POINT	SHIP VIA	SHIPPING REF	TERMS	DATE REQ
341-1001-NY	DELIVERED	ITM		PPD	04/06/2021

1 SET OF MTRs IS REQUIRED WITH SHIPMENT

LN#	ITM	QTY	THKNSS	MATERIAL/ITEM DESCRIPTION	UNT	WGT	EXT	WGT
-----	-----	-----	--------	---------------------------	-----	-----	-----	-----

ASME SA 516 GRADE 70,  
KILLED FINE GRAIN,  
NORMALIZED

1	1	3	1/2"	96" X 480"	6534	19602
2	2	5	3/8"	96" X 480"	4901	24505

Total Pieces on this Packing List 8

Total Weight on this Packing List 44107

03/26/2021 From: AMERICAN ALLOY STEEL, INC.

To: INUKSHUK CONSTRUCTION LIMITED

P.O.#: 341-1001-NY

S.O.#: 677328

AA PL#: 5233529

Item: 1 (1 PC) 1/2" X 96" X 480"

## ArcelorMittal Burns Harbor Plate

QUALITY ASSURANCE  
REPORT OF TEST AND ANALYSES

US HWY 12 Burns Harbor, Indiana

SHIPMENT NO. 803-66404		DATE SHIPPED 11-13-20		CAR OR VEHICLE NO. CSS-CEGO-CSXT-UTICALMIC 007085	
AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469			AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440		

S E R I A L N O.	P A T N O.	H E A T N O.	N O. P C B.	SIZE AND QUANTITY				Y I E L D P O I N T	T E N S I L E S T R E N G T H	A F F R A C. E L O N G.	R E D.
				THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT				
				INCHES	INCHES	INCHES	POUNDS	PSI	PSI	IN	%

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.  
 PLATES - ASTM A516-17 GR 70 FVQ KLD FINE GRAIN PRAC, ASTM A516-17 GR 65 FVQ,  
 ASTM A516-17 GR 60 FVQ, ASME SA516 GR 70 FVQ 2019 EDITION, ASME  
 SA516 GR 65 FVQ 2019 EDITION, ASME SA516 GR 60 FVQ 2019 EDITION,  
 CH-V SA2085 PLT L 15/12 FTLBS AT -50F, VACUUM DEGASSED --- PLT  
 NORMALIZED & COOLED IN STILL AIR --- IN ACCORDANCE WITH EN  
 10204:2004 TYPE 3.1 10204:2004 TYPE 3.1  
 NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)

CO# 125377-NY GR 377-1468A  
 PLATES HEAT TREATED - TEST SPECIMENS ATTACHED & YIELD STRENGTH @ .5% EUL  
 MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER  
 S031719 813P63640 1 1/2 96 480 6534 52400 74200 8 30.  
 N 1650 DEG F - 24 MIN

(M55)MFST REF#:2

→ S031720 813P63640 2 1/2 96 480 13068 53800 74400 8 27  
 N 1650 DEG F - 24 MIN

(M55)MFST REF#:2

Q-QUENCH TEMPERATURE	T-TEMPERATURE	N-NORMALIZE TEMPERATURE
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SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS INCHES	TYPE	SIZE	DIR	TEST TEMP °F	CHARPY IMPACT											
										ENERGY FT LBS			SHEAR(%)			LAT. EXP			WILS		
S031719		813P63640			.500	V FULL	L	-50	186	128	203	1	2	3	1	2	3	1	2	3	
S031720		813P63640			.500	V FULL	L	-50	195	156	132										

Certified a true copy of the

Certified a true copy of the  
 original, retained in our file.  
 AMERICAN ALLOY STEEL

Jp 12/17/2020

HEAT NUMBER	CHEMICAL ANALYSES																MQUAD GRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Co	N	Sn	
813P63640	.16	1.01	.013	.004	.318	.218	.17	.03	.003	.001	.002	.042	.0002	.002	.004	.003	

I certify that the above results are a true and correct copy of actual results contained in records maintained by ArcelorMittal Burns Harbor and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

EMPLRPT.TIF

SUPV. QUALITY ASSURANCE

FARID HASSANI PER NWT

AMERICAN ALLOY  
PLATE  
5233529



03/26/2021 From: AMERICAN ALLOY STEEL, INC.

To: INUKSHUK CONSTRUCTION LIMITED

P.O.#: 341-1001-NY

S.O.#: 677328

AA PL#: 5233530

Item: 1 (1 PC) 1/2" X 96" X 480"

## ArcelorMittal Burns Harbor Plate

QUALITY ASSURANCE  
REPORT OF TEST AND ANALYSES

US HWY 12 Burns Harbor, Indiana

SHIPMENT NO. 803-66404		DATE SHIPPED 11-13-20		CAR OR VEHICLE NO. CSS-CHGO-CSXT-UTICALMIC 007085	
BOLD TO AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469			SHIP TO AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440		

SERIAL NUMBER	PAT NO.	HEAT NUMBER	NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT	YIELD POINT	TENSILE STRENGTH	AF FRAC. ELONG.	RED.
				INCHES	INCHES	INCHES	POUNDS	PSI	PSI	IN %	%

QUALITY STEEL MELTED &amp; MANUFACTURED IN THE U. S. A.

PLATES - ASTM A516-17 GR 70 FVQ KLD FINE GRAIN PRAC, ASTM A516-17 GR 65 FVQ, ASTM A516-17 GR 60 FVQ, ASME SA516 GR 70 FVQ 2019 EDITION, ASME SA516 GR 65 FVQ 2019 EDITION, ASME SA516 GR 60 FVQ 2019 EDITION, CH-V SA2085 PLT L 15/12 FT LBS AT -50F, VACUUM DEGASSED --- PLT NORMALIZED & COOLED IN STILL AIR --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1 10204:2004 TYPE 3.1  
NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S).

CO# 125377-NY GR 377-1468A

PLATES HEAT TREATED - TEST SPECIMENS ATTACHED - YIELD STRENGTH @ .5% EUL

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

→ 8031719 813P63640 1 1/2 96 480 6534 52400 74200 8 30  
N 1650 DEG F - 24 MIN

(M55)MFST REF#:2

8031720 813P63640 2 1/2 96 480 13068 53800 74400 8 27  
N 1650 DEG F - 24 MIN

(M55)MFST REF#:2

Q-QUENCH TEMPERATURE	T-TEMPERATURE	N-NORMALIZE TEMPERATURE
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SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS INCHES	TYPE	SIZE	DIR	TEST TEMP F	ENERGY FT LBS	CHARTER IMPACT	SHEAR(%)	LAT. EXP	MILE
8031719		813P63640			.500	V	FULL L	-50	188	126	209			
8031720		813P63640			.500	V	FULL L	-50	195	156	132			

Certified a true copy of the original, retained in our file.

AMERICAN ALLOY STEEL

J. 12/17/2020

HEAT NUMBER	C	Mn	P	S	Si	Cu	NI	Cr	Mo	V	Ti	Al	B	Co	N	Sn	SQUAD GRAIN SIZE
813P63640	.16	1.01	.013	.004	.318	.218	.17	.03	.003	.001	.002	.042	.0002	.002	.004	.003	

I certify that the above results are a true and correct copy of actual results contained in records maintained by ArcelorMittal Burns Harbor and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

SHPLTRPT.TIF

SUPV. QUALITY ASSURANCE

FARID HASSANI PER MWT.

AMERICAN ALLOY  
PLATE 1/2" X 96" X 480"

03/26/2021 From: AMERICAN ALLOY STEEL, INC.

To: INUKSHUK CONSTRUCTION LIMITED

P.O.#: 341-1001-NY

S.O.#: 677328

AA PL#: 5233531

Item: 1 (1 PC) 1/2" X 96" X 480"

## ArcelorMittal Burns Harbor Plate

SHIPMENT NO. 803-66404		DATE SHIPPED 11-13-20	CAR OR VEHICLE NO. CSS-CHGO-CSXT-UTICALMIC 007085
AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469		AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440	

US HWY 12 Burns Harbor, Indiana

S E R I A L N O. T O	S E R I A L N O.	P A T N O.	H E A T N O.	N O. P C S.	SIZE AND QUANTITY				Y E L D P O I N T	T E N S I L E S T R E N G T H	A F F R A C E L O N G.	R E D.
					THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT				

QUALITY STEEL MELTED &amp; MANUFACTURED IN THE U. S. A.

PLATES - ASTM A516-17 GR 70 PVQ KLD FINE GRAIN PRAC, ASTM A516-17 GR 65 PVQ, ASTM A516-17 GR 60 PVQ, ASME SA516 GR 70 PVQ 2019 EDITION, ASME SA516 GR 65 PVQ 2019 EDITION, ASME SA516 GR 60 PVQ 2019 EDITION, CH-V SA2085 PLT L 15/12 FTLBS AT -50F, VACUUM DEGASSED --- PLT NORMALIZED & COOLED IN STILL AIR --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1 10204:2004 TYPE 3.1

NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)

CO# 125377-NY GH 377-1468A

PLATES HEAT TREATED - TEST SPECIMENS ATTACHED &amp; YIELD STRENGTH @ .5% EUL

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

S031719	813P63640	1	1/2	96	480	6534	52400	74200	8	30
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(M55)MFST REF#:2

→ S031720 813P63640 2 1/2 96 480 13068 53800 74400 8 27

(M55)MFST REF#:2

Q-QUENCH TEMPERATURE

T-TEMPER TEMPERATURE

N-NORMALIZE TEMPERATURE

S E R I A L N O.	P A T N O.	H E A T N O.	H A R D B H N	B E N D	T H I C K N E S S I N C H E S	T Y P E	S I Z E	D I R	T E M P F	ENERGY FT LBS				SHEAR(%)			LAT. EXP MILS		
										1	2	3	4	1	2	3	1	2	3

S031719 813P63640  
S031720 813P63640

.500 V FULL L -50 186 126 209  
.500 V FULL L -50 195 156 132

Certified a true copy of the  
original, retained in our file.  
AMERICAN ALLOY STEEL

J. 12/17/2020

HEAT NUMBER	CHEMICAL ANALYSIS															MOULD GRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Co	N	
813P63640	.16	1.01	.013	.004	.318	.218	.17	.03	.003	.001	.002	.042	.0002	.002	.004	.003

813P63640 .16 1.01 .013 .004 .318.218 .17 .03.003.001.002.042.0002 .002.004.003

I certify that the above results are a true and correct copy of actual results contained in records maintained by ArcelorMittal Burns Harbor and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

BHPLTRPT.TIF

SUPV. QUALITY ASSURANCE

FARID HASSANI PER MWT

AMERICAN ALLOY  
PLATE  
5233531



03/26/2021 From: AMERICAN ALLOY STEEL, INC.

To: INUKSHUK CONSTRUCTION LIMITED

P.O.#: 341-1001-NY

S.O.#: 677328

AA PL#: 5233523

Item: 2 (1 PC) 3/8" X 96" X 480"

# ArcelorMittal Burns Harbor Plate

SHIPMENT NO. <b>803-66404</b>		DATE SHIPPED <b>11-13-20</b>	CAR OR VEHICLE NO. <b>CSS-CRGO-CSXT-UTICALMIC 007085</b>
AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469		AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440	

SERIAL NUMBER	PAT NO.	HEAT NUMBER	NO. PCS.	THICKNESS INCHES	WIDTH OR DIA INCHES	LENGTH INCHES	WEIGHT POUNDS	YIELD STRENGTH PSI	TENSILE STRENGTH PSI	AF FRAC. ELONG. IN %	RED.
---------------	---------	-------------	----------	------------------	---------------------	---------------	---------------	--------------------	----------------------	----------------------	------

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.  
 PLATES - ASTM A516-17 GR 70 FVQ KLD FINE GRAIN PRAC, ASTM A516-17 GR 65 FVQ,  
 ASTM A516-17 GR 60 FVQ, ASME SA516 GR 70 FVQ 2019 EDITION, ASME  
 SA516 GR 65 FVQ 2019 EDITION, ASME SA516 GR 60 FVQ 2019 EDITION,  
 CH-V SA2085 PLT L 15/12 FTLES AT -50F, VACUUM DEGASSED --- PLT  
 NORMALIZED & COOLED IN STILL AIR --- IN ACCORDANCE WITH EN  
 10204:2004 TYPE 3.1 10204:2004 TYPE 3.1  
 NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)

CO# 125377-NY GH 377-1468  
 PLATES HEAT TREATED - TEST SPECIMENS ATTACHED & YIELD STRENGTH @ .5% EUL  
 MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER:  
 → S031717 812P33310 3 3/8 96 480 14703 55100 76800 8 25  
 N 1650 DEG F - 18 MIN  
 (M55)MFST REF#:1  
 S031718 812P33310 3 3/8 96 480 14703 53700 75500 8 29  
 N 1650 DEG F - 18 MIN  
 (M55)MFST REF#:1

Q-QUENCH TEMPERATURE	T-TEMPERATURE	N-NORMALIZE TEMPERATURE
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SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS INCHES	TYPE	SIZE	DIR	TEST TEMP F	ENERGY FT LBS	CHARPY IMPACT	SHEAR (%)	LAT. EXP	MILS
S031717		812P33310			.375	V	3/4	L	-50	103	103	130		
S031718		812P33310			.375	V	3/4	L	-50	99	96	132		

Certified a true copy of the  
 original, retained in our file.  
 AMERICAN ALLOY STEEL  
 J.F. 12/17/2020

HEAT NUMBER	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Co	N	Sn	MOLLOYD GRAIN SIZE
812P33310	.16	1.05	.012	.004	.348	.214	.17	.03	.003	.001	.002	.040	.0002	.002	.004	.002	

I certify that the above results are a true and correct copy of actual results contained in records maintained by ArcelorMittal Burns Harbor and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.  
 BMLTRPT.TIF SUPV. QUALITY ASSURANCE FARID HASSANI PER MWT

AMERICAN ALLOY  
 LATE # 5233523



03/26/2021 From: AMERICAN ALLOY STEEL, INC.

To: INUKSHUK CONSTRUCTION LIMITED

P.O.#: 341-1001-NY

S.O.#: 677328

AA PL#: 5233524

Item: 2 (1 PC) 3/8" X 96" X 480"

## ArcelorMittal Burns Harbor Plate

SHIPMENT NO. 803-66404		DATE SHIPPED 11-13-20	CAR OR VEHICLE NO. CSS-CHGO-CSXT-UTICALMIC 007085
AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469		AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440	

S E R I A L N O. T O	S E R I A L N O.	P A T N O.	H E A T N U M B E R	N O. P C S.	SIZE AND QUANTITY				Y I E L D P O I N T	T E N S I L E S T R E N G T H	A F F R A C T I O N E L O N G	R E D.
					THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT				

QUALITY STEEL MELTED &amp; MANUFACTURED IN THE U. S. A.

PLATES - ASTM A516-17 GR 70 PQV KLD FINE GRAIN PRAC, ASTM A516-17 GR 65 PQV,  
ASTM A516-17 GR 60 PQV, ASME SA516 GR 70 PQV 2019 EDITION, ASME  
SA516 GR 65 PQV 2019 EDITION, ASME SA516 GR 60 PQV 2019 EDITION,  
CH-V SA2085 PLT L 15/12 FTLBS AT -50F, VACUUM DEGASSED --- PLT  
NORMALIZED & COOLED IN STILL AIR --- IN ACCORDANCE WITH EN  
10204:2004 TYPE 3.1 10204:2004 TYPE 3.1

NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)

CO# 125377-NY GH 377-1468

PLATES HEAT TREATED TEST SPECIMENS ATTACHED &amp; YIELD STRENGTH @ .15% EUL

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER.

8031717	812P33310	3	3/8	96	480	14703	55100	76800	8	25	
				N	1650 DEG F	-	18 MIN				

(M55)MFST REF#:1

8031718	812P33310	3	3/8	96	480	14703	53700	75500	8	29	
				N	1650 DEG F	-	18 MIN				

(M55)MFST REF#:1

Q-QUENCH TEMPERATURE	T-TEMPERATURE	N-NORMALIZE TEMPERATURE
----------------------	---------------	-------------------------

SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS INCHES	TYPE	SIZE	DIR	TEMP F	CHARPY IMPACT																			
										ENERGY FT LBS			SHEAR(%)			LAT. EXP			MILE										
S031717		812P33310			.375	V	3/4	L	-50	103	103	130	1	2	3	1	2	3	1	2	3								
S031718		812P33310			.375	V	3/4	L	-50	99	96	132	Certified a true copy of the																

8031717	812P33310	.375	V	3/4	L	-50	103	103	130							
8031718	812P33310	.375	V	3/4	L	-50	99	96	132							

Certified a true copy of the original, retained in our file.

AMERICAN ALLOY STEEL

J.F. 12/17/2020

H E A T N U M B E R	C H E M I C A L A N A L Y S I S															M E T A L L O G R A P H I C S
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Cb	N	Sn

812P33310	.16	1.05	.012	.004	.348	.214	.17	.03	.003	.001	.002	.040	.0002	.002	.004	.002
-----------	-----	------	------	------	------	------	-----	-----	------	------	------	------	-------	------	------	------

I certify that the above results are a true and correct copy of actual results contained in records maintained by ArcelorMittal Burns Harbor and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

BHPLTRPT.TIF

SUPV. QUALITY ASSURANCE

FARID HASSANI PER MWT

AMERICAN ALLOY STEEL  
PLATE # 5233524

03/26/2021 From: AMERICAN ALLOY STEEL, INC.

To: INUKSHUK CONSTRUCTION LIMITED

P.O.#: 341-1001-NY

S.O.#: 677328

AA PL#: 5233526

Item: 2 (1 PC) 3/8" X 96" X 480"

## ArcelorMittal Burns Harbor Plate

SHIPMENT NO. 803-66404		DATE SHIPPED 11-13-20		CAR OR VEHICLE NO. CSS-CEGO-CSKT-UTICALMIC 007085	
AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469		AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440			

US HWY 12 Burns Harbor, Indiana

S E R I A L N O. T	S E R I A L N O. T	P A T N O.	H E A T N U M B E R	N O. P C S	SIZE AND QUANTITY				Y E L D P O I N T	T E N S I L E S T R E N G T H	A F F R A C. E L O N G.	R E D.
					THICKNESS	WIDTH OR DIA	LENGTH	WEIGHT				

QUALITY STEEL MELTED &amp; MANUFACTURED IN THE U. S. A.

PLATES - ASTM A516-17 GR 70 PQV KLD FINE GRAIN FRAC, ASTM A516-17 GR 65 PQV,  
ASTM A516-17 GR 60 PQV, ASME SA516 GR 70 PQV 2019 EDITION, ASME  
SA516 GR 65 PQV 2019 EDITION, ASME SA516 GR 60 PQV 2019 EDITION,  
CH-V SA2085 PLT L 15/12 FTLS AT -50F, VACUUM DEGASSED --- PLT  
NORMALIZED & COOLED IN STILL AIR --- IN ACCORDANCE WITH EN  
10204:2004 TYPE 3.1 10204:2004 TYPE 3.1

NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)

CO# 125377-NY GH 377-1468

PLATES HEAT TREATED TEST SPECIMENS ATTACHED &amp; YIELD STRENGTH @ .5% ELONG

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

8031717	812P33310	3	3/8	96	480	14703	55100	76800	8	25
---------	-----------	---	-----	----	-----	-------	-------	-------	---	----

(M55)MFST REF#:1

8031718	812P33310	3	3/8	96	480	14703	53700	75500	8	29
---------	-----------	---	-----	----	-----	-------	-------	-------	---	----

(M55)MFST REF#:1

Q-QUENCH TEMPERATURE

T-TEMPER TEMPERATURE

N-NORMALIZE TEMPERATURE

S E R I A L N O. T	P A T N O.	H E A T N U M B E R	H A R D B H N	B E N D	T H I C K N E S S I N C H E S	T Y P E	S I Z E	D I R	T E M P E R A T U R E	CHARPY IMPACT			S H E A R (%)	L A T. E X P	M I L S
										1	2	3			

8031717 812P33310

8031718 812P33310

.375

V

3/4

L

-50

103

103

130

Certified a true copy of the original, retained in our file.

AMERICAN ALLOY STEEL

J.P. 12/17/2020

H E A T N U M B E R	CHEMICAL ANALYSIS														M I C R O G R A I N S I Z E
	C	Mn	P	S	Si	Cu	Al	Cr	Mo	V	Ti	Ni	B	Cb	

812P33310 .16 1.05 .012 .004 .348.214 .17 .03.003.001.002.040.0002 .002.004.002

I certify that the above results are a true and correct copy of actual results contained in records maintained by ArcelorMittal Burns Harbor and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

BHP/TP/TIF

SUPV. QUALITY ASSURANCE

FARID HASSANI PER MWT

AMERICAN ALLOY  
PLATE 8031718



03/26/2021 From: AMERICAN ALLOY STEEL, INC.

To: INUKSHUK CONSTRUCTION LIMITED

P.O.#: 341-1001-NY

S.O.#: 677328

AA PL#: 5233527

Item: 2 (1 PC) 3/8" X 96" X 480"

# ArcelorMittal Burns Harbor Plate

SHIPMENT NO. <b>803-66404</b>		DATE SHIPPED <b>11-13-20</b>	CAR OR VEHICLE NO. <b>CSS-CHGO-CSXT-UTICALMIC 007085</b>
AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469		AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440	

NO.	SERIAL NUMBER	PAT. NO.	HEAT NUMBER	NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT	YIELD POINT	TENSILE STRENGTH	AFRAC. ELONG.	RED.
-----	---------------	----------	-------------	----------	-----------	---------------	--------	--------	-------------	------------------	---------------	------

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.

PLATES - ASTM A516-17 GR 70 PVD KLD FINE GRAIN PRAC, ASTM A516-17 GR 65 PVD, ASTM A516-17 GR 60 PVD, ASME SA516 GR 70 PVD 2019 EDITION, ASME SA516 GR 65 PVD 2019 EDITION, ASME SA516 GR 60 PVD 2019 EDITION, CH-V SA2085 PLT L 15/12 FTLBS AT -50F, VACUUM DEGASSED --- PLT NORMALIZED & COOLED IN STILL AIR --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1 10204:2004 TYPE 3.1

NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)

CO# 125377-NY GH 377-1468

PLATES HEAT TREATED - TEST SPECIMENS ATTACHED & YIELD STRENGTH @ .5% EUL

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER.

S031717	812P33310	3	3/8	96	480	14703	55100	76800	8	25
---------	-----------	---	-----	----	-----	-------	-------	-------	---	----

(M55)MFST REF#:1

S031718	812P33310	3	3/8	96	480	14703	53700	75500	8	29
---------	-----------	---	-----	----	-----	-------	-------	-------	---	----

(M55)MFST REF#:1

Q-QUENCH TEMPERATURE	T-TEMPERATURE	N-NORMALIZE TEMPERATURE
----------------------	---------------	-------------------------

SERIAL NUMBER	PAT. NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS INCHES	TYPE	SIZE	DIR	TEST TEMP	ENERGY LBS	CHARPY IMPACT	BEAR(%)	UT. EXP	MILS
S031717		812P33310			.375	V	3/4	L	-50	103	103	130		
S031718		812P33310			.375	V	3/4	L	-50	99	96	132		

Certified a true copy of the original, retained in our file.

AMERICAN ALLOY STEEL

JF 12/17/2020

HEAT NUMBER	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Co	N	Sn	LIQUID GRAIN SIZE
812P33310	.16	1.05	.012	.004	.348	.214	.17	.03	.003	.001	.002	.040	.0002	.002	.004	.002	

I certify that the above results are a true and correct copy of actual results obtained in records maintained by ArcelorMittal Burns Harbor and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

BHPLTRPT.TIF

SUPV. QUALITY ASSURANCE

FARID HASSANI PER MWT

AMERICAN ALLOY STEEL  
PLATE # 5233527

03/26/2021 From: AMERICAN ALLOY STEEL, INC.

To: INUKSHUK CONSTRUCTION LIMITED

P.O.#: 341-1001-NY

S.O.#: 677328

AA PL#: 5233528

Item: 2 (1 PC) 3/8" X 96" X 480"

## ArcelorMittal Burns Harbor Plate

QUALITY ASSURANCE  
REPORT OF TEST AND ANALYSES

US HWY 12 Burns Harbor, Indiana

SHIPMENT NO. 803-66404		DATE SHIPPED 11-13-20		CAR OR VEHICLE NO. CSS-CHGO-CSXT-UTICALMIC 007085	
AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469		AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440			
SOLD TO	NO. TIE	SERIAL NUMBER	PAT NO.	HEAT NUMBER	NO. PCS.
THICKNESS		WIDTH OR DIA.		LENGTH	WEIGHT
INCHES		INCHES		INCHES	POUNDS
				PSI	PSI
				IN	%

QUALITY STEEL MELTED &amp; MANUFACTURED IN THE U. S. A.

PLATES - ASTM A516-17 GR 70 PVQ KLD FINE GRAIN PRAC, ASTM A516-17 GR 65 PVQ,  
ASTM A516-17 GR 60 PVQ, ASME SA516 GR 70 PVQ 2019 EDITION, ASME  
SA516 GR 65 PVQ 2019 EDITION, ASME SA516 GR 60 PVQ 2019 EDITION,  
CH-V SA2085 PLT L 15/12 FTLBS AT -50F, VACUUM DEGASSED --- PLT  
NORMALIZED & COOLED IN STILL AIR --- IN ACCORDANCE WITH EN  
10204:2004 TYPE 3.1 10204:2004 TYPE 3.1  
NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)

CO# 125377-NY GH 377-1468

PLATES HEAT TREATED - TEST SPECIMENS ATTACHED &amp; YIELD STRENGTH @ .5% EUL

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

→ 8031717 812P33310 3 3/8 96 480 14703 55100 76800 8 25  
N 1650 DEG F - 18 MIN

(M55)MFST REF#:1

8031718 812P33310 3 3/8 96 480 14703 53700 75500 8 29  
N 1650 DEG F - 18 MIN

(M55)MFST REF#:1

Q-QUENCH TEMPERATURE

T-TEMPER TEMPERATURE

N-NORMALIZE TEMPERATURE

SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS INCHES	TYPE	SIZE	DR	TEST TEMP F	CHARPY IMPACT								
										ENERGY FT LBS			SHEAR(%)			LAT. EXP		
8031717		812P33310			.375	V	3/4	L	-50	103	103	130						
8031718		812P33310			.375	V	3/4	L	-50	99	96	132						

Certified a true copy of the

Certified a true copy of the  
original, retained in our file.

AMERICAN ALLOY STEEL

Jk 12/17/2020

HEAT NUMBER	CHEMICAL ANALYSIS															MOULD GRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Co	N	
812P33310	.16	1.05	.012	.004	.348	.214	.17	.03	.003	.001	.002	.040	.0002	.002	.004	.002

I certify that the above results are a true and correct copy of actual results contained in records maintained by ArcelorMittal Burns Harbor and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

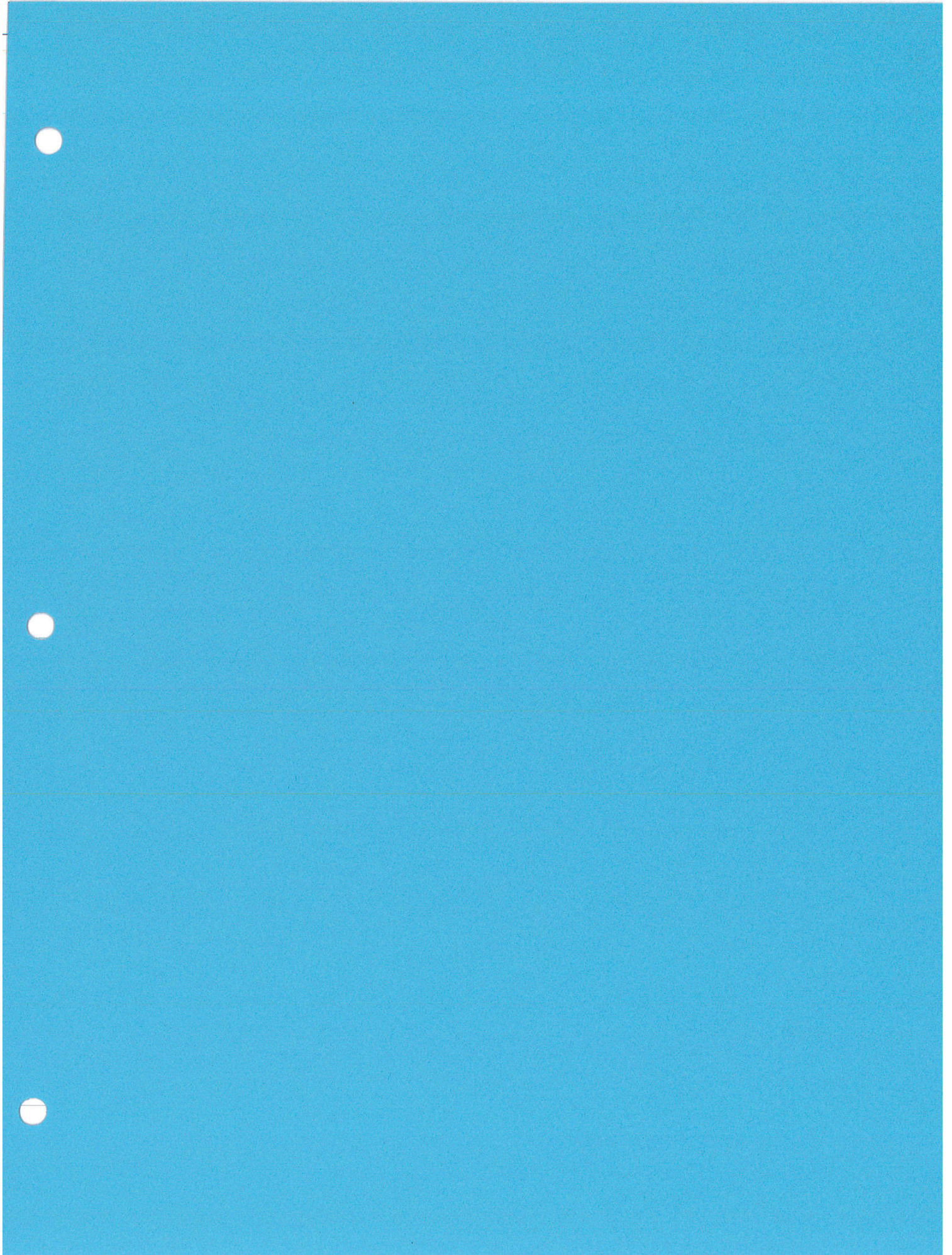
BHPLTRPT.TF

SUPV. QUALITY ASSURANCE

FARID HASSANI PER MWT

AMERICAN ALLOY  
PLATE # 0233528









Canada Customs  
and Revenue Agency

Agence des douanes  
et du revenu du Canada

CANADA CUSTOMS INVOICE  
FACTURE DES DOUANES CANADIENNES

Cont #6

MRR #002

Page  
1 of 1  
de

Vendor (name and address) - Vendeur (nom et adresse)

American Alloy Steel  
650 Harbor Way  
Rome, NY 13440  
Tel: (800) 231-3502 Fax: (315) 371-9089

2. Date of direct shipment to Canada - Date d'expédition directe vers le Canada  
5/7/21

3. Other references (include purchaser's order no.)

Autres références (inclure le n° de commande de l'acheteur SO#677328,  
PO#341-1001-NY

Consignee (name and address) - Destinataire (nom et adresse)

Techform-Montal  
3139 Boul Des Entreprises  
Terrebonne, QC J6X 4J9  
Canada

5. Purchaser's name and address (if other than consignee)  
Nom et adresse de l'acheteur (s'il diffère du destinataire)

American Alloy Steel  
650 Harbor Way  
Rome, NY 13440

6. Country of transshipment - Pays de transbordement  
USA

7. Country of origin of goods  
Pays d'origine des marchandises  
USA

IF SHIPMENT INCLUDES GOODS OF DIFFERENT  
ORIGINS AGAINST ITEMS IN 12. SI L'EXPEDITION  
COMPRED DES MARCHANDISES D'ORIGINES  
DIFFERENTES, PRECISEZ LEUR PROVENANCE EN 12

Transportation: Give mode and place of direct shipment to Canada  
Transport: Précisez mode et point d'expédition directe vers le Canada

9. Conditions of sale and terms of payment  
(i.e. Sale, consignment shipment, leased goods, etc.)  
Conditions de vente et modalités de paiement  
(p. ex. vente, expédition en consignation, location de marchandises, etc.)  
SALE

10. Currency of settlement - Devises du paiement  
US FUNDS

11. Number  
of  
packages  
Nombre  
de colis  
14

12. Specification of commodities (kind of packages, marks and numbers, general  
description and characteristics, i.e., grade, quality)  
Désignation des articles (nature des colis, marques et numéros, description  
générale et caractéristiques, p. ex. classe, qualité)  
STEEL PLATE CARBON

13. Quantity  
(state unit)  
Quantité  
(précisez l'unité)  
EACH

Selling price - Prix de vente

14. Unit Price  
Prix unitaire  
2255.00

15. Total  
31,570.00

If any of fields 1 to 17 are included on an attached commercial invoice, check this box  
Si tout renseignement relativement aux zones 1 à 17 figure sur une ou des factures  
commerciales ci-attachées, cochez cette case  
Commercial Invoice No. / N° de la facture commerciale ☐

16. Total Weight - Poids Total

Net 45,738

Gross -  
Brut 45,738

17. Invoice total  
Total de la  
facture 31,570.00

19. Exporter's name and address (if other than vendor)  
Nom et adresse de l'exportateur (s'il diffère du vendeur)

20. Originator (name and address) - Expéditeur d'origine (nom et adresse)  
American Alloy Steel  
650 Harbor Way  
Rome, NY 13440

21. CCRA ruling (if applicable) - Décision de l'Agence (s'il y a lieu)

22. If fields 23 to 25 are not applicable, check this box  
Si les zones 23 à 25 sont sans objet, cochez cette case ☒

23. If included in field 17 indicate amount:  
Si compris dans le total à la zone 17, précisez:

(i) Transportation charges, expenses and insurance  
from the place of direct shipment to Canada  
Les frais de transport, dépenses et assurances  
à partir du point d'expédition directe vers le  
Canada

(ii) Costs for construction, erection and assembly  
incurred after importation into Canada  
Les coûts de construction, d'érection et  
d'assemblage après importation au Canada

(iii) Export packing  
Le coût de l'emballage d'exportation

24. If not included in field 17 indicate amount:  
Si non compris dans le total à la zone 17, précisez:

(i) Transportation charges, expenses, and insurance  
from the place of direct shipment to Canada  
Les frais de transport, dépenses et assurances  
jusqu'au point d'expédition directe vers le Canada

(ii) Amounts for commissions other than buying  
commissions  
Les commissions autres que celles versées  
pour l'achat

(iii) Export packing  
Le coût de l'emballage d'exportation

25. Check (if applicable):  
Cochez (s'il y a lieu):

(i) Royalty payments or subsequent proceeds  
are paid or payable by the purchaser  
Des redevances ou produits ont été ou  
seront versés par l'acheteur ☐

(ii) The purchaser has supplied goods or  
services for use in the production of these  
goods  
L'acheteur a fourni des marchandises  
ou des services pour la production de ces  
marchandises ☐

UNITED STATES-MEXICO-CANADA AGREEMENT (USMCA)  
**CERTIFICATE OF ORIGIN**

Load #6

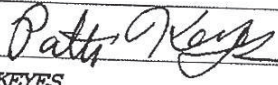
(Please print or type.)

<b>1. CERTIFIER NAME AND ADDRESS:</b> PATTI KEYES 650 HARBOR WAY ROME, NY 13440 DIRECT TEL: 315-371-9058 EMAIL: PATTI@AASTEEL.COM		<b>2. EXPORTER NAME AND ADDRESS:</b> AMERICAN ALLOY STEEL, INC. 650 HARBOR WAY ROME, NY 13440 TEL: 800-325-2479 TAX IDENTIFICATION NUMBER: 1-74-1688398-5	
<b>3. PRODUCER NAME AND ADDRESS:</b> Mittel, Coatesville, PA  TEL: N/A EMAIL: N/A TAX IDENTIFICATION NUMBER: N/A		<b>4. IMPORTER NAME AND ADDRESS:</b> Indukshuk Construction Limited 1869 Upper Water Street Suite AH202 Halifax, NS B3J 1S9 Canada TEL: N/A EMAIL: N/A TAX IDENTIFICATION NUMBER: N/A	
<b>5. DESCRIPTION OF GOOD(S): STEEL PLATE</b> S/O# 677328 PO# 341-1001-NY Item 5, Qty 14, 1/4 X 96 X 480		<b>6. H.S. TARIFF CLASSIFICATION NUMBER</b> 7225.40/0000	<b>7. PREFERENCE CRITERION</b> B
		<b>10. COUNTRY OF ORIGIN</b> USA	

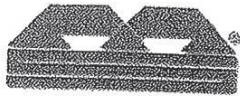
I CERTIFY THAT:

-THE GOODS DESCRIBED IN THIS DOCUMENT QUALIFY AS ORIGINATING AND THE INFORMATION CONTAINED IN THIS DOCUMENT IS TRUE AND ACCURATE. I ASSUME RESPONSIBILITY FOR PROVING SUCH REPRESENTATIONS AND AGREE TO MAINTAIN AND PRESENT UPON REQUEST OR TO MAKE AVAILABLE DURING A VERIFICATION VISIT, DOCUMENTATION NECESSARY TO SUPPORT THIS CERTIFICATION.

-THIS CERTIFICATE CONSISTS OF \_\_\_\_ PAGES, INCLUDING ALL ATTACHMENTS.

<b>1. AUTHORIZED SIGNATURE:</b> 	COMPANY: AMERICAN ALLOY STEEL, INC.
NAME (PRINT OR TYPE): PATTI KEYES	TITLE: Ass't Traffic Manager
DATE: 5/7/21	TELEPHONE: 315 371-9058 FAX: 315-371-9089





# AMERICAN ALLOY STEEL, INC.

6230 N. HOUSTON ROSSLYN ROAD

HOUSTON, TEXAS 77091

Phone: 713-462-8081 Fax: 713-462-8209

M.T.R. COVER SHEET

05/10/2021

Customer Name : INUKSHUK CONSTRUCTION LIMITED  
Address :  
City, State Zip : HALIFAX, NS B3J 1S9  
Attention : M.LOSIER  
Phone Number : 1-902-429-0272  
Reference Number : 677328  
Notes 1 : P.O. NO. 341-1001-NY

Control Number: 1093974  
Queued By : Alex Garza  
Page Number : 1  
Total Pages : 15  
Fax Number : 1-902-429-7762

THE INFORMATION YOU REQUESTED IS ATTACHED.  
THANK YOU FOR YOUR BUSINESS !

AASI PLATE NUMBER	HEAT # / SLAB #	MILL
5234102	812P32400 S650601	ARCELORMITTAL
5234105	812P34690 S650613	ARCELORMITTAL
5238543	811S10670 T650947	CLIFFS
5238544	811S10670 T650947	CLIFFS
5238545	821S10640 T650946	CLIFFS
5238546	821S10640 T650946	CLIFFS
5238547	821S10640 T650942	CLIFFS
5238548	821S10640 T650942	CLIFFS
5238549	811S10640 T650941	CLIFFS
5238550	811S10640 T650940	CLIFFS
5238551	821S10630 T650933	CLEVELAND-CLIFFS
5238552	821S10630 T650933	CLEVELAND-CLIFFS
5238553	821S10630 T651262	CLIFFS
5238554	821S10630 T651262	CLIFFS



05/10/2021 From: AMERICAN ALLOY STEEL, INC.

To: INUKSHUK CONSTRUCTION LIMITED

P.O.#: 341-1001-NY

S.O.#: 677328

AA PL#: 5234102

Item: 5 (1 PC) 1/4" X 96" X 480"

TAG: ROOF

# ArcelorMittal Burns Harbor Plate

SHIPMENT NO. 803-66729		DATE SHIPPED 11-26-20		QUALITY ASSURANCE REPORT OF TEST AND ANALYSES		US HWY 12 Burns Harbor, Indiana	
AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469				CSS-CHGO-CSXT-UTICALMIC 007012 AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440			

S E R I A L N O. E	P A T N O.	H E A T N U M B E R	N O. P O S.	SIZE AND QUANTITY				Y I E L D P O I N T	T E N S I L E S T R E N G T H	A F F R A C. E L O N G.	R E D.
				THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT				

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.  
 PLATES - ASTM A516-17 GR 70 FVQ MOD C.20 MAX RLD FINE GRAIN PRAC, ASTM  
 A516-17 GR 65 FVQ, ASME SA516 GR 70 FVQ 2019 EDITION, ASME SA516 GR  
 65 FVQ 2019 EDITION, FIRST TST AS ROLLED-ADD'L TENSION PER TST PC  
 HEAT TREATMENT --- MILL TEST PCS NORM 1650+/-25F FOR 30MIN/IN (30  
 MINUTES MIN), AIRCOOL --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1  
 10204:2004 TYPE 3.1  
 NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)

CO# 125461-NY GH 377-1478

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

8650601	812P32400	2	1/4	96	480	6534	66600	82100	8	23
(M55)MFST REF#:1							52900	72600	8	27
8650602	812P32400	2	1/4	96	480	6534	62700	78200	8	25
(M55)MFST REF#:1							54300	74700	8	29
8650603	812P32400	2	1/4	96	480	6534	58700	74600	8	24
(M55)MFST REF#:1							53200	72100	8	25

Q-QUENCH TEMPERATURE

T-TEMPER TEMPERATURE

N-NORMALIZE TEMPERATURE

S E R I A L N O.	P A T N O.	H E A T N U M B E R	H A R D B H V	B S N D	T H I C K N E S S I N C H E S	T Y P E	S I Z E	D I R	T E M P E R A T U R E	CHEARPY IMPACT								
										E N E R G Y F T L B S			S H E A R (%)			L A T. E X P		

Certified a true copy of the  
original, retained in our file.  
AMERICAN ALLOY STEEL, INC.  
Reviewed By:

Jk 2/11/2021

H E A T N U M B E R	CHEMICAL ANALYSIS																B O R O N G R A I N S I Z E
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Co	N	Sn	

812P32400 .17 1.04 .007 .004 .345.207 .18 .02.005.002.002.040.0002 .002.003.002

I certify that the above results are a true and correct copy of actual results contained in records maintained by ArcelorMittal Burns Harbor and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

ENPLTRPT.TE

SUPPLY QUALITY ASSURANCE

FARID HASSANI PER MWT

AMERICAN ALLOY  
PLATE # 5234102

05/10/2021 From: AMERICAN ALLOY STEEL, INC.

P.O.#: 341-1001-NY

Item: 5 (1 PC) 1/4" X 96" X 480"

TAG: ROOF

S.O.#: 677328

To: INUKSHUK CONSTRUCTION LIMITED

AA PL#: 5234105

# ArcelorMittal Burns Harbor Plate

SHIPMENT NO. <b>803-66729</b>	DATE SHIPPED <b>11-26-20</b>	CAR OR VEHICLE NO. <b>CBS-CHGO-CSXT-UTICALMIC 007012</b>
AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469		AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440

US HWY 12 Burns Harbor, Indiana

SERIAL NUMBER	PAT NO.	HEAT NUMBER	NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT	YIELD POINT	TENSILE STRENGTH	AF FRAC. ELONG.	RED.
				INCHES	INCHES	INCHES	POUNDS	PSI	PSI	IN	%

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.  
 PLATES - ASTM A516-17 GR 70 FVQ MOD C.20 MAX FLD FINE GRAIN PRAC, ASTM A516-17 GR 65 FVQ, ASME SA516 GR 70 FVQ 2019 EDITION, ASME SA516 GR 65 FVQ 2019 EDITION, FIRST TST AS ROLLED-ADD'L TENSION PER TST PC HEAT TREATMENT --- MILL TEST PCS NORM 1650+/-25F FOR 30MIN/IN (30 MINUTES MIN), AIRCOOL --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1 10204:2004 TYPE 3.1

NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)

CO# 125461-NY GH 377-1478

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

S650611	812P34690	2	1/4	96	480	6534	66400	82100	8	24
(M55)MFST REF#:1							53300	73600	8	26
S650612	812P34690	2	1/4	96	480	6534	65300	81500	8	20
(M55)MFST REF#:1							52300	73500	8	26
→ S650613	812P34690	2	1/4	96	480	6534	67300	81500	8	21
(M55)MFST REF#:1							53400	73400	8	27

Q-QUENCH TEMPERATURE

T-TEMPER TEMPERATURE

N-NORMALIZE TEMPERATURE

SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	CHARPY IMPACT													
					THICKNESS INCHES	TYPE	SIZE	DIV	TEST TEMP °F	ENERGY FT LBS			BREAK(%)			LAT. EXP MILS		
										1	2	3	1	2	3	1	2	3

Certified a true copy of the original, retained in our file.  
 AMERICAN ALLOY STEEL, INC.

Reviewed By:

*Jk 2/11/2021*

HEAT NUMBER	C	Mn	P	S	Si	Cu	NI	Cr	Mo	V	Ti	Al	B	Co	N	Sr	REHARD GRAIN SIZE
812P34690	.17	1.04	.011	.004	.331	.215	.17	.02	.004	.002	.002	.035	.0002	.002	.004	.001	

I certify that the above results are a true and correct copy of actual results contained in records maintained by ArcelorMittal Burns Harbor and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

BMPLTRPT.TIF

SUPV. QUALITY ASSURANCE

FARID HASSANI PER MWT

AMERICAN ALLOY STEEL  
 PLATE # 5234105



05/10/2021 From: AMERICAN ALLOY STEEL, INC.

To: INUKSHUK CONSTRUCTION LIMITED

P.O.#: 341-1001-NY

S.O.#: 677328

AA PL#: 5238543

Item: 5 (1 PC) 1/4" X 96" X 480"

TAG: ROOF

### Cleveland-Cliffs Burns Harbor LLC

QUALITY ASSURANCE REPORT OF TEST AND ANALYSIS

US HWY 12 Burns Harbor, Indiana

SHIPMENT NO. <b>804-27223</b>		DATE SHIPPED <b>04-03-21</b>		CAR OR VEHICLE NO. <b>CSS-CHGO-CSXT-UTICAIBB 017024</b>							
S O L D T O A MERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469		S H I P T O A MERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440									
SERIAL NUMBER	PAT NO.	HEAT NUMBER	NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT	YIELD POINT	TENSILE STRENGTH	AF FRAC. ELONG.	RED.

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.  
 PLATES - ASTM A516-17 GR 70 PQV MOD C.20 MAX KLD FINE GRAIN PRAC, ASTM  
 A516-17 GR 65 PQV, ASME SA516 GR 70 PQV 2019 EDITION, ASME SA516 GR  
 65 PQV 2019 EDITION, FIRST TEST AS ROLLED-ADD'L TENSION PER TST PC  
 HEAT TREATMENT --- MILL TEST PCS NORM 1650+/-25F FOR 30MIN/IN (30  
 MINUTES MIN), AIRCOOL --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1  
 10204:2004 TYPE 3.1

NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)

CO# 126304-NY GH 377-1665

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

T650941	811S10640	1	1/4	96	480	3267	56900	77200	8	25
(M55)MFST REF#:1							53900	74600	8	26

T650947	811S10670	2	1/4	96	480	6534	58000	78700	8	25
(M55)MFST REF#:1							52700	73600	8	25

T650942	821S10640	2	1/4	96	480	6534	56200	77600	8	25
(M55)MFST REF#:1							54100	74300	8	25

Q-QUENCH TEMPERATURE T-TEMPER TEMPERATURE N-NORMALIZE TEMPERATURE

SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS  INCHES	TYPE	SIZE	D I R	TEST TEMP F	CHARPY IMPACT														
										ENERGY FT LBS						SHEAR (%)						LAT. EXP		MILS
										1	2	3	1	2	3	1	2	3						

Certified a true copy of the  
original, retained in our file.  
AMERICAN ALLOY STEEL

VB 5/10/21

HEAT NUMBER	CHEMICAL ANALYSIS														MOQAU GRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Co	

811S10640	.17	1.01	.009	.005	.342	.216	.17	.02	.003	.001	.002	.025	.0002	.002	.004	.006
811S10670	.17	1.02	.011	.003	.328	.216	.17	.03	.006	.002	.002	.032	.0002	.002	.004	.013
821S10640	.17	1.01	.009	.005	.342	.216	.17	.02	.003	.001	.002	.025	.0002	.002	.004	.006

I certify that the above results are a true and correct copy of actual results contained in records maintained by Cleveland-Cliffs Burns Harbor LLC and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

SUPV. QUALITY ASSURANCE  
Form BHPLTRPT.TIF

FARID HASSANI PER MWT

AMERICAN ALLOY  
PLATE # 5238543



05/10/2021 From: AMERICAN ALLOY STEEL, INC.

P.O.#: 341-1001-NY

Item: 5 (1 PC) 1/4" X 96" X 480"

TAG: ROOF

To: INUKSHUK CONSTRUCTION LIMITED

S.O.#: 677328

AA PL#: 5238544

# Cleveland-Cliffs Burns Harbor LLC

QUALITY ASSURANCE REPORT OF TEST AND ANALYSIS

US HWY 12 Burns Harbor, Indiana

SHIPMENT NO. <b>804-27223</b>		DATE SHIPPED <b>04-03-21</b>		CAR OR VEHICLE NO. <b>CSS-CHGO-CSXT-UTICAIHB 017024</b>	
AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469		AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440			
SERIAL NUMBER	PAT NO.	HEAT NUMBER	NO. PCS.	THICKNESS	WIDTH OR DIA.
				SIZE AND QUANTITY	LENGTH
				WEIGHT	YIELD POINT
				TENSILE STRENGTH	AF PRAC ELONG.
				RED.	

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.  
 PLATES - ASTM A516-17 GR 70 PVQ MOD C.20 MAX KLD FINE GRAIN PRAC, ASTM  
 A516-17 GR 65 PVQ, ASME SA516 GR 70 PVQ 2019 EDITION, ASME SA516 GR  
 65 PVQ 2019 EDITION, FIRST TST AS ROLLED-ADD'L TENSION PER TST PC  
 HEAT TREATMENT --- MILL TEST PCS NORM 1650+/-25F FOR 30MIN/IN (30  
 MINUTES MIN), AIRCOOL --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1  
 10204:2004 TYPE 3.1  
 NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)  
 CO# 126304-NY GH 377-1665

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

HEAT NUMBER	THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT	YIELD POINT	TENSILE STRENGTH	AF PRAC ELONG.	RED.
T650941 811S10640 1 1/4	96	480	3267	56900	77200	8	25	
(M55)MFST REF#:1				53900	74600	8	26	
T650947 → 811S10670 2 1/4	96	480	6534	58000	78700	8	25	
(M55)MFST REF#:1				52700	73600	8	25	
T650942 821S10640 2 1/4	96	480	6534	56200	77600	8	25	
(M55)MFST REF#:1				54100	74300	8	25	

Q-QUENCH TEMPERATURE T-TEMPERATURE N-NORMALIZE TEMPERATURE

SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	CHARPY IMPACT															
					THICKNESS	TYPE	SIZE	D I R	TEST TEMP F	ENERGY			SHEAR(%)						LAT. EXP	MILS
										FT LBS										
					INCHES						1	2	3	1	2	3	1	2	3	

Certified a true copy of the original, retained in our file.  
 AMERICAN ALLOY STEEL

VB 5/10/21

HEAT NUMBER	CHEMICAL ANALYSIS																MICROAL GRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Co	N	Sn	

811S10640	.17	1.01	.009	.005	.342	.216	.17	.02	.003	.001	.002	.025	.0002	.002	.004	.006
811S10670	.17	1.02	.011	.003	.328	.216	.17	.03	.006	.002	.002	.032	.0002	.002	.004	.013
821S10640	.17	1.01	.009	.005	.342	.216	.17	.02	.003	.001	.002	.025	.0002	.002	.004	.006

I certify that the above results are a true and correct copy of actual results contained in records maintained by Cleveland-Cliffs Burns Harbor LLC and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

SUPV. QUALITY ASSURANCE  
 Form BHPLTRPT.TIF

FARID HASSANI PER MWT

AMERICAN ALLOY  
 PLATE # 5238544

05/10/2021 From: AMERICAN ALLOY STEEL, INC.

To: INUKSHUK CONSTRUCTION LIMITED

P.O.#: 341-1001-NY

S.O.#: 677328

AA PL#: 5238545

Item: 5 (1 PC) 1/4" X 96" X 480"

TAG: ROOF

# Cleveland-Cliffs Burns Harbor LLC

QUALITY ASSURANCE REPORT OF TEST AND ANALYSIS

US HWY 12 Burns Harbor, Indiana

SHIPMENT NO. 804-27223		DATE SHIPPED 04-03-21		CAR OR VEHICLE NO. CSS-CHGO-CSXT-UTICAIHB 017024							
AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469		SHIP TO AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440									
SERIAL NUMBER	PAT NO.	HEAT NUMBER	NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT	YIELD POINT	TENSILE STRENGTH	AF FRAC. ELONG.	RED.

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.  
 PLATES - ASTM A516-17 GR 70 FVQ MOD C.20 MAX KLD FINE GRAIN PRAC, ASTM A516-17 GR 65 FVQ, ASME SA516 GR 70 FVQ 2019 EDITION, ASME SA516 GR 65 FVQ 2019 EDITION, FIRST TST AS ROLLED-ADD'L TENSION PER TST PC HEAT TREATMENT --- MILL TEST PCS NORM 1650+/-25F FOR 30MIN/IN (30 MINUTES MIN), AIRCOOL --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1  
 NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)  
 CO# 126304-NY GR 377-1665  
 MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER  
 T650946 821810640 2 1/4 96 480 6534 56100 76400 8 26 55200 74500 8 27  
 (M55)MFST REF#:1

Q-QUENCH TEMPERATURE	T-TEMPER TEMPERATURE	N-NORMALIZE TEMPERATURE
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SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS INCHES	TYPE	SIZE	D I R	TEST TEMP F	CHARPY IMPACT								
										ENERGY FT LBS			SHEAR(%)			LAT. EXP MILS		
										1	2	3	1	2	3	1	2	3

Certified a true copy of the original, retained in our file.  
 AMERICAN ALLOY STEEL

VB 5/10/21

HEAT NUMBER	CHEMICAL ANALYSIS																MOQJAD GRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Co	N	Sn	

821810640 .17 1.01 .009 .005 .342.216 .17 .02.003.001.002.025.0002 .002.004.006

I certify that the above results are a true and correct copy of actual results contained in records maintained by Cleveland-Cliffs Burns Harbor, LLC and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

SUPV. QUALITY ASSURANCE  
 Form BHPLTRPT.TIF

FARID HASSANI PER MWT

AMERICAN ALLOY  
 PLATE # 5238545



05/10/2021 From: AMERICAN ALLOY STEEL, INC.

To: INUKSHUK CONSTRUCTION LIMITED

P.O.#: 341-1001-NY

S.O.#: 677328

AA PL#: 5238546

Item: 5 (1 PC) 1/4" X 96" X 480"

TAG: ROOF

**Cleveland-Cliffs Burns Harbor LLC**  
QUALITY ASSURANCE REPORT OF TEST AND ANALYSIS

US HWY 12 Burns Harbor, Indiana

SHIPMENT NO. <b>804-27223</b>		DATE SHIPPED <b>04-03-21</b>		CAR OR VEHICLE NO. <b>CSS-CBGO-CSXT-UTICAHE 017024</b>	
AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469		AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440			
S C O L D T O N O T E	S E R I A L N O. P A T N O.	H E A T N O.	N O. P C S.	S I Z E A N D Q U A N T I T Y	
				THICKNESS	WIDTH OR DIA.
				LENGTH	WEIGHT
				YIELD POINT	TENSILE STRENGTH
				AF FRAC. ELONG.	RED.

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.  
PLATES - ASTM A516-17 GR 70 PVQ MOD C.20 MAX KLD FINE GRAIN PRAC, ASTM A516-17 GR 65 PVQ, ASME SA516 GR 70 PVQ 2019 EDITION, ASME SA516 GR 65 PVQ 2019 EDITION, FIRST TST AS ROLLED-ADD'L TENSION PER TST PC  
HEAT TREATMENT --- MILL TEST PCS NORM 1650+/-25F FOR 30MIN/IN (30 MINUTES MIN), AIRCOOL --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1  
NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)  
CO# 126304-NY GH 377-1665  
MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER  
T650946 821810640 2 1/4 96 480 6534 56100 76400 8 26  
55200 74500 8 27  
(M55)MFST REF#:1

Q-QUENCH TEMPERATURE T-TEMPERATURE N-NORMALIZE TEMPERATURE

SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS INCHES	TYPE	SIZE	D I R	TEST TEMP F	ENERGY FT LBS			SHEAR(%)			LAT. EXP MILS		
										1	2	3	1	2	3	1	2	3

Certified a true copy of the original, retained in our file.  
AMERICAN ALLOY STEEL

VB 5/10/21

HEAT NUMBER	CHEMICAL ANALYSIS															MURKIN GRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Co	N	Sn

821810640 .17 1.01 .009 .005 .342.216 .17 .02.003.001.002.025.0002 .002.004.006

I certify that the above results are a true and correct copy of actual results contained in records maintained by Cleveland-Cliffs Burns Harbor, LLC and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

SUPV. QUALITY ASSURANCE  
Form BHPLTRPT.TIF

FARID HASSANI PER MWT

AMERICAN ALLOY  
PLATE# 5238546



05/10/2021 From: AMERICAN ALLOY STEEL, INC.  
P.O.#: 341-1001-NY  
Item: 5 (1 PC) 1/4" X 96" X 480"  
TAG: ROOF

To: INUKSHUK CONSTRUCTION LIMITED  
AA PL#: 5238547

# Cleveland-Cliffs Burns Harbor LLC

QUALITY ASSURANCE REPORT OF TEST AND ANALYSIS

US HWY 12 Burns Harbor, Indiana

SHIPMENT NO. <b>804-27223</b>		DATE SHIPPED <b>04-03-21</b>		CAR OR VEHICLE NO. <b>CSS-CHGO-CSXT-UTICAIHB 017024</b>	
AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469		AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440			
S	N	S	N	S	N
I	I	I	I	I	I
D	D	D	D	D	D
T	T	T	T	T	T
O	O	O	O	O	O
N	N	N	N	N	N
O	O	O	O	O	O
T	T	T	T	T	T
E	E	E	E	E	E

SERIAL NUMBER	PAT NO.	HEAT NUMBER	NO. PCS.	SIZE AND QUANTITY				WEIGHT	YIELD POINT	TENSILE STRENGTH	AF FRAC. ELONG.	RED.
				THICKNESS	WIDTH OR DIA.	LENGTH						

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.  
PLATES - ASTM A516-17 GR 70 PVQ MOD C.20 MAX KLD FINE GRAIN PRAC, ASTM  
A516-17 GR 65 PVQ, ASME SA516 GR 70 PVQ 2019 EDITION, ASME SA516 GR  
65 PVQ 2019 EDITION, FIRST TST AS ROLLED-ADD'L TENSION PER TST PC  
HEAT TREATMENT --- MILL TEST PCS NORM 1650+/-25F FOR 30MIN/IN (30  
MINUTES MIN), AIRCOOL --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1  
10204:2004 TYPE 3.1  
NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)

CO# 126304-NY GH 377-1665  
MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

SERIAL NUMBER	PAT NO.	HEAT NUMBER	NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT	YIELD POINT	TENSILE STRENGTH	AF FRAC. ELONG.	RED.
T650941		811S10640	1	1/4	96	480	3267	56900	77200	8	25
(M55)MFST REF#:1								53900	74600	8	26
T650947		811S10670	2	1/4	96	480	6534	58000	78700	8	25
(M55)MFST REF#:1								52700	73600	8	25
T650942 →		821S10640	2	1/4	96	480	6534	56200	77600	8	25
(M55)MFST REF#:1								54100	74300	8	25

Q-QUENCH TEMPERATURE T-TEMPER TEMPERATURE N-NORMALIZE TEMPERATURE

SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS	TYPE	SIZE	D I R	TEST TEMP	CHARPY IMPACT									
										ENERGY	FT LBS			SHEAR(%)			LAT. EXP		
					INCHES				F		1	2	3	1	2	3	1	2	3

Certified a true copy of the original, retained in our file.  
AMERICAN ALLOY STEEL  
VB 511021

HEAT NUMBER	CHEMICAL ANALYSIS																MOULD GRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Ch	N	Sn	
811S10640	.17	1.01	.009	.005	.342	.216	.17	.02	.003	.001	.002	.025	.0002	.002	.004	.006	
811S10670	.17	1.02	.011	.003	.328	.216	.17	.03	.006	.002	.002	.032	.0002	.002	.004	.013	
821S10640	.17	1.01	.009	.005	.342	.216	.17	.02	.003	.001	.002	.025	.0002	.002	.004	.006	

I certify that the above results are a true and correct copy of actual results contained in records maintained by Cleveland-Cliffs Burns Harbor LLC and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

SUPV. QUALITY ASSURANCE  
Form BHPLTRPT.TF

FARID HASSANI PER MWT

AMERICAN ALLOY  
LATE # 5238547

05/10/2021 From: AMERICAN ALLOY STEEL, INC.

To: INUKSHUK CONSTRUCTION LIMITED

P.O.#: 341-1001-NY

S.O.#: 677328

AA PL#: 5238548

Item: 5 (1 PC) 1/4" X 96" X 480"

TAG: ROOF

### Cleveland-Cliffs Burns Harbor LLC

QUALITY ASSURANCE REPORT OF TEST AND ANALYSIS

US HWY 12 Burns Harbor, Indiana

SHIPMENT NO. <b>804-27223</b>		DATE SHIPPED <b>04-03-21</b>		CAR OR VEHICLE NO. <b>CSS-CHGO-CSXT-UTICAIHB 017024</b>	
S O L D I E R		AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469		AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440	
SERIAL NUMBER	PAT NO.	HEAT NUMBER	NO. PCS.	THICKNESS	WIDTH OR DIA
				LENGTH	WEIGHT
				YIELD POINT	TENSILE STRENGTH
				AFRAC ELONG.	RED.

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.

PLATES - ASTM A516-17 GR 70 PVQ MOD C.20 MAX KLD FINE GRAIN PRAC, ASTM A516-17 GR 65 PVQ, ASME SA516 GR 70 PVQ 2019 EDITION, ASME SA516 GR 65 PVQ 2019 EDITION, FIRST TST AS ROLLED-ADD'L TENSION PER TST PC HEAT TREATMENT --- MILL TEST PCS NORM 1650+/-25F FOR 30MIN/IN (30 MINUTES MIN), AIRCOOL --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1

NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)

CO# 126304-NY GR 377-1665

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

T650941	811810640	1	1/4	96	480	3267	56900	77200	8	25
							53900	74600	8	26

(M55)MFST REF#:1

T650947	811810670	2	1/4	96	480	6534	58000	78700	8	25
							52700	73600	8	25

(M55)MFST REF#:1

T650942 →	821810640	2	1/4	96	480	6534	56200	77600	8	25
							54100	74300	8	25

(M55)MFST REF#:1

Q-QUENCH TEMPERATURE	T-TEMPER TEMPERATURE	N-NORMALIZE TEMPERATURE
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SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS  INCHES	TYPE	SIZE	D R	TEST TEMP F	CHARPY IMPACT											
										ENERGY FT LBS			SHEAR(%)			LAT. EXP			MILS		
										1	2	3	1	2	3	1	2	3			

Certified a true copy of the original, retained in our file.  
AMERICAN ALLOY STEEL

VB 5/10/21

HEAT NUMBER	CHEMICAL ANALYSIS																INDUSTRIAL GRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Co	N	Sn	

811810640	.17	1.01	.009	.005	.342	.216	.17	.02	.003	.001	.002	.025	.0002	.002	.004	.006
811810670	.17	1.02	.011	.003	.328	.216	.17	.03	.006	.002	.002	.032	.0002	.002	.004	.013
821810640	.17	1.01	.009	.005	.342	.216	.17	.02	.003	.001	.002	.025	.0002	.002	.004	.006

I certify that the above results are a true and correct copy of actual results contained in records maintained by Cleveland-Cliffs Burns Harbor LLC and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

SUPV. QUALITY ASSURANCE  
Form BHPLTRPT.TIF

FARID HASSANI PER MWT

AMERICAN ALLOY  
PLATE # 5238548



05/10/2021 From: AMERICAN ALLOY STEEL, INC.  
P.O.#: 341-1001-NY  
Item: 5 (1 PC) 1/4" X 96" X 480"  
TAG: ROOF

To: INUKSHUK CONSTRUCTION LIMITED  
S.O.#: 677328  
AA PL#: 5238549

Cleveland-Cliffs Burns Harbor LLC  
QUALITY ASSURANCE REPORT OF TEST AND ANALYSIS

US HWY 12 Burns Harbor, Indiana

SHIPMENT NO. 804-27223		DATE SHIPPED 04-03-21		CAR OR VEHICLE NO. CSS-CHGO-CSXT-UTICAIHB 017024							
AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469		S H I P T O		AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440							
SERIAL NUMBER	PAT NO.	HEAT NUMBER	NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT	YIELD POINT	TENSILE STRENGTH	AF FRAC. ELONG.	RED.

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.  
PLATES - ASTM A516-17 GR 70 FVQ MOD C.20 MAX KLD FINE GRAIN PRAC, ASTM  
A516-17 GR 65 FVQ, ASME SA516 GR 70 FVQ 2019 EDITION, ASME SA516 GR  
65 FVQ 2019 EDITION, FIRST TST AS ROLLED-ADD'L TENSION PER TST PC  
HEAT TREATMENT --- MILL TEST PCS NORM 1650+/-25F FOR 30MIN/IN (30  
MINUTES MIN), AIRCOOL --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1  
10204:2004 TYPE 3.1

NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)

CO# 126304-NY GH 377-1665

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

HEAT NUMBER	THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT	YIELD POINT	TENSILE STRENGTH	AF FRAC. ELONG.	RED.
T650941 → 811S10640	1	1/4	96	480	3267	56900	77200 8	25
(M55)MFST REF#:1						53900	74600 8	26
T650947 811S10670	2	1/4	96	480	6534	58000	78700 8	25
(M55)MFST REF#:1						52700	73600 8	25
T650942 821S10640	2	1/4	96	480	6534	56200	77600 8	25
(M55)MFST REF#:1						54100	74300 8	25

Q-QUENCH TEMPERATURE

T-TEMPERATURE

N-NORMALIZE TEMPERATURE

SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS INCHES	TYPE	SIZE	D I R	TEST TEMP F	CHARPY IMPACT											
										ENERGY FT LBS			SHEAR(%)			LAT. EXP			MILS		
										1	2	3	1	2	3	1	2	3	1	2	3

Certified a true copy of the  
original, retained in our file.

AMERICAN ALLOY STEEL

VB 5/10/21

HEAT NUMBER	CHEMICAL ANALYSIS																MOULDED GRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Co	N	Sr	

811S10640	.17	1.01	.009	.005	.342	.216	.17	.02	.003	.001	.002	.025	.0002	.002	.004	.006
811S10670	.17	1.02	.011	.003	.328	.216	.17	.03	.006	.002	.002	.032	.0002	.002	.004	.013
821S10640	.17	1.01	.009	.005	.342	.216	.17	.02	.003	.001	.002	.025	.0002	.002	.004	.006

I certify that the above results are a true and correct copy of actual results contained in reports maintained by Cleveland-Cliffs Burns Harbor LLC and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

SUPV. QUALITY ASSURANCE  
Form BHPLTRPT.TIF

FARID HASSANI PER MNT

AMERICAN ALLOY  
PLATE # 5238549



05/10/2021 From: AMERICAN ALLOY STEEL, INC.

P.O.#: 341-1001-NY

Item: 5 (1 PC) 1/4" X 96" X 480"

TAG: ROOF

S.O.#: 677328

To: INUKSHUK CONSTRUCTION LIMITED

AA PL#: 5238550

# Cleveland-Cliffs Burns Harbor LLC

QUALITY ASSURANCE REPORT OF TEST AND ANALYSIS

US HWY 12 Burns Harbor, Indiana

SHIPMENT NO. <b>804-27223</b>		DATE SHIPPED <b>04-03-21</b>		CAR OR VEHICLE NO. <b>CSS-CHGO-CSXT-UTICATHB 017024</b>	
S O L D T O R Y N O T E		AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469		AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440	
SERIAL NUMBER	PAT NO.	HEAT NUMBER	NO. PCS.	THICKNESS	WIDTH OR DIA.
				LENGTH	WEIGHT
				YIELD POINT	TENSILE STRENGTH
				AF FRAC ELONG.	RED.

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.

PLATES - ASTM A516-17 GR 70 FVQ MOD C.20 MAX XLD FINE GRAIN PRAC, ASTM A516-17 GR 65 FVQ, ASME SA516 GR 70 FVQ 2019 EDITION, ASME SA516 GR 65 FVQ 2019 EDITION, FIRST TST AS ROLLED-ADD'L TENSION PER TST PC HEAT TREATMENT --- MILL TEST PCS NORM 1650+/-25F FOR 30MIN/IN (30 MINUTES MIN), AIRCOOL --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1

NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)

CO# 126304-NY GR 377-1665

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

T650938	811S10640	2	1/4	96	480	6534	56200	77400	8	24
(M55)MFST REF#:1							54100	75500	8	26

T650939	811S10640	2	1/4	96	480	6534	56600	77900	8	24
(M55)MFST REF#:1							53600	74600	8	24

T650940	811S10640	2	1/4	96	480	6534	56400	77000	8	24
(M55)MFST REF#:1							54200	74900	8	25

Q-QUENCH TEMPERATURE	T-TEMPER TEMPERATURE	N-NORMALIZE TEMPERATURE
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SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS  INCHES	TYPE	SIZE	D I R	TEST TEMP F	CHARPY IMPACT								
										ENERGY FT LBS			SHEAR(%)			LAT. EXP MILS		
										1	2	3	1	2	3	1	2	3

Certified a true copy of the original, retained in our file.  
AMERICAN ALLOY STEEL.

VB 5/10/21

HEAT NUMBER	CHEMICAL ANALYSIS																MOULD GRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Ch	N	Sn	

811S10640 .17 1.01 .009 .005 .342.216 .17 .02.003.001.002.025.0002 .002.004.006

I certify that the above results are a true and correct copy of actual results contained in records maintained by Cleveland-Cliffs Burns Harbor LLC and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

SUPV. QUALITY ASSURANCE  
Form BHPLTRPT.TIF

FARID HASSANI PER MWT

AMERICAN ALLOY  
PLATE # 5238550

05/10/2021 From: AMERICAN ALLOY STEEL, INC. To: INUKSHUK CONSTRUCTION LIMITED  
P.O.#: 341-1001-NY S.O.#: 677328 AA PL#: 5238551  
Item: 5 (1 PC) 1/4" X 96" X 480"  
TAG: ROOF

**Cleveland-Cliffs Burns Harbor LLC**  
QUALITY ASSURANCE REPORT OF TEST AND ANALYSIS

US HWY 12 Burns Harbor, Indiana

SHIPMENT NO. <b>803-71906</b>		DATE SHIPPED <b>04-08-21</b>		CAR OR VEHICLE NO. <b>CSS-CHGO-CSXT-UTICALMIC 007081</b>	
AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469		AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440			
SERIAL NUMBER	PAT NO.	HEAT NUMBER	NO. PCS.	THICKNESS	WIDTH OR DIA
				LENGTH	WEIGHT
				YIELD POINT	TENSILE STRENGTH
				AF FRAC. ELONG.	RED.

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.  
**PLATES** - ASTM A516-17 GR 70 PVQ MOD C.20 MAX KLD FINE GRAIN PRAC, ASTM A516-17 GR 65 PVQ, ASME SA516 GR 70 PVQ 2019 EDITION, ASME SA516 GR 65 PVQ 2019 EDITION, FIRST TST AS ROLLED-ADD'L TENSION PER TST PC  
HEAT TREATMENT --- MILL TEST PCS NORM 1650+/-25F FOR 30MIN/IN (30 MINUTES MIN), AIRCOOL --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1  
10204:2004 TYPE 3.1  
NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)  
CO# 126304-NY GH 377-1665  
MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER  
T650933 821S10630 2 1/4 96 480 6534 56600 77300 8 24  
53600 74800 8 26  
(M55)MFST REF#:1

Q-QUENCH TEMPERATURE T-TEMPER TEMPERATURE N-NORMALIZE TEMPERATURE

SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS INCHES	TYPE	SIZE	D R	TEST TEMP F	ENERGY FT LBS			CHARPY IMPACT			LAT. EXP MILS
										1	2	3	1	2	3	
Certified a true copy of the original, retained in our file. <b>AMERICAN ALLOY STEEL</b> <i>Jk 5/3/2021</i>																

HEAT NUMBER	CHEMICAL ANALYSIS														MOULDED GRAIN SIZE	
	C	Mn	P	S	Si	Cu	Ni	Cr	Mg	V	Ti	Al	B	Ca		N
821S10630	.17	1.04	.012	.006	.344	.218	.18	.03	.003	.004	.002	.038	.0002	.002	.004	.009

I certify that the above results are a true and correct copy of actual results contained in records maintained by Cleveland-Cliffs Burns Harbor LLC and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

SUPV. QUALITY ASSURANCE  
Form BHP/LTRPT.TIF

FARID HASSANI PER MMT

AMERICAN ALLOY  
PLATE # 5238551



05/10/2021 From: AMERICAN ALLOY STEEL, INC.  
P.O.#: 341-1001-NY  
Item: 5 (1 PC) 1/4" X 96" X 480"  
TAG: ROOF

To: INUKSHUK CONSTRUCTION LIMITED  
AA PL#: 5238552

S.O.#: 677328

**Cleveland-Cliffs Burns Harbor LLC**  
QUALITY ASSURANCE REPORT OF TEST AND ANALYSIS

US HWY 12 Burns Harbor, Indiana

SHIPMENT NO. <b>803-71906</b>		DATE SHIPPED <b>04-08-21</b>	CAR OR VEHICLE NO. <b>CSS-CHGO-CSXT-UTICALMIC 007081</b>									
AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469		AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440										
S H I P T O	S E R I A L N U M B E R	P A T N O.	H E A T N U M B E R	N O. P C S.	SIZE AND QUANTITY				Y I E L D P O I N T	T E N S I L E S T R E N G T H	A F F R A C E L O N G.	R E D.
					THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT				

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.  
PLATES - ASTM A516-17 GR 70 PVQ MOD C.20 MAX KLD FINE GRAIN PRAC, ASTM  
A516-17 GR 65 PVQ, ASME SA516 GR 70 PVQ 2019 EDITION, ASME SA516 GR  
65 PVQ 2019 EDITION, FIRST TST AS ROLLED-ADD'L TENSION PER TST PC  
HEAT TREATMENT --- MILL TEST PCS NORM 1650+/-25F FOR 30MIN/IN (30  
MINUTES MIN), AIRCOOL --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1  
10204:2004 TYPE 3.1

NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)  
CO# 126304-NY GH 377-1665  
MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER  
T650933 821810630 2 1/4 96 480 6534 56600 77300 8 24  
53600 74800 8 26  
(M55)MFST REF#:1

Q-QUENCH TEMPERATURE T-TEMPER TEMPERATURE N-NORMALIZE TEMPERATURE

SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS INCHES	TYPE	SIZE	D I R	TEST TEMP F	ENERGY FT LBS	CHARPY IMPACT			LAT. EXP	MILS
											1	2	3		

Certified a true copy of the  
original, retained in our file.  
AMERICAN ALLOY STEEL

HEAT NUMBER	CHEMICAL ANALYSIS																MAXIMUM GRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Co	N	Sn	

821810630 .17 1.04 .012 .006 .344.218 .18 .03.003.004.002.038.0002 .002.004.009

I certify that the above results are a true and correct copy of actual results contained in records maintained by Cleveland-Cliffs Burns Harbor LLC and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

SUPV. QUALITY ASSURANCE  
Form BHPLTR/PT.TIF

FARID HASSANI PER MWT

AMERICAN ALLOY  
PLATE # 5238552



05/10/2021 From: AMERICAN ALLOY STEEL, INC.

P.O.#: 341-1001-NY

Item: 5 (1 PC) 1/4" X 96" X 480"

TAG: ROOF

S.O.#: 677328

To: INUKSHUK CONSTRUCTION LIMITED

AA PL#: 5238553

### Cleveland-Cliffs Burns Harbor LLC

QUALITY ASSURANCE REPORT OF TEST AND ANALYSIS

US HWY 12 Burns Harbor, Indiana

SHIPMENT NO.  
803-72321

DATE SHIPPED  
04-25-21

CAR OR VEHICLE NO.

CSS-CHGO-CSXT-UTICALMIC 200532

AMERICAN ALLOY STEEL INC  
PO BOX 40469  
HOUSTON TX 77240-0469

AMERICAN ALLOY STEEL INC  
THEIR SIDING  
650 HARBOR WAY  
ROME NY 13440

S E R I A L N O.	P A T N O.	H E A T N O.	N O. P C S.	SIZE AND QUANTITY			Y I E L D P O I N T	T E N S I L E S T R E N G T H	A F F R A C E L O N G.	R E D.
				THICKNESS	WIDTH OR DIA.	LENGTH				

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.

PLATES - ASTM A516-17 GR 70 PVQ MOD C.20 MAX KLD FINE GRAIN PRAC, ASTM A516-17 GR 65 PVQ, ASME SA516 GR 70 PVQ 2019 EDITION, ASME SA516 GR 65 PVQ 2019 EDITION, FIRST TST AS ROLLED-ADD'L TENSION PER TST PC HEAT TREATMENT --- MILL TEST PCS NORM 1650+/-25F FOR 30MIN/IN (30 MINUTES MIN), AIRCOOL --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1

NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)

CO# 126304-NY GH 377-1665

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

T651261	821S10630	2	1/4	96	480	6534	57900	78700	8	24
(M55)MFST REF#:1							56500	75800	8	25

T651262	821S10630	2	1/4	96	480	6534	58900	79400	8	24
(M55)MFST REF#:1							55300	75900	8	27

T651044	821S10660	2	1/4	96	480	6534	53800	75600	8	25
(M55)MFST REF#:1							51200	72700	8	32

Q-QUENCH TEMPERATURE

T-TEMPER TEMPERATURE

N-NORMALIZE TEMPERATURE

Certified a true copy of the original, retained in our file.  
AMERICAN ALLOY STEEL, INC.

Reviewed By:

VB 5/10/21

SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	CHARTER IMPACT													
					THICKNESS	TYPE	SIZE	D I R	TEST TEMP F	ENERGY			SHEAR(%)			LAT. EXP		
					INCHES					FT LBS			MILS					
										1	2	3	1	2	3	1	2	3

HEAT NUMBER	CHEMICAL ANALYSIS															MICROGRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Co	N	

821S10630	.17	1.04	.012	.006	.344	.218	.18	.03	.003	.004	.002	.038	.0002	.002	.004	.009
821S10660	.17	1.07	.012	.006	.341	.235	.17	.04	.006	.002	.002	.037	.0002	.003	.003	.004

I certify that the above results are a true and correct copy of actual results contained in records maintained by Cleveland-Cliffs Burns Harbor LLC and are in full compliance with the requirements of the specification cited above. This test report cannot be obtained and must be transmitted intact with any subsequent third party test reports, if required.

SUPV. QUALITY ASSURANCE  
Form BHPLTRPT.TIF

FARID HASSANI PER MWT

AMERICAN ALLOY  
PLATE # 5238553

05/10/2021 From: AMERICAN ALLOY STEEL, INC.

P.O.#: 341-1001-NY

Item: 5 (1 PC) 1/4" X 96" X 480"

TAG: ROOF

S.O.#: 677328

To: INUKSHUK CONSTRUCTION LIMITED

AA PL#: 5238554

### Cleveland-Cliffs Burns Harbor LLC

QUALITY ASSURANCE REPORT OF TEST AND ANALYSIS

US HWY 12 Burns Harbor, Indiana

SHIPMENT NO. <b>803-72321</b>		DATE SHIPPED <b>04-25-21</b>		CAR OR VEHICLE NO. <b>CSS-CHGO-CBXT-UTICALMIC 200532</b>							
AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469		AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440									
SERIAL NUMBER	PAT NO.	HEAT NUMBER	NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT	YIELD POINT	TENSILE STRENGTH	AFRAC ELONG.	RED.

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.

PLATES - ASTM A516-17 GR 70 FVQ MOD C.20 MAX KLD FINE GRAIN PRAC, ASTM A516-17 GR 65 FVQ, ASME SA516 GR 70 FVQ 2019 EDITION, ASME SA516 GR 65 FVQ 2019 EDITION, FIRST TST AS ROLLED-ADD'L TENSION PER TST PC HEAT TREATMENT --- MILL TEST PCS NORM 1650+/-25F FOR 30MIN/IN (30 MINUTES MIN), AIRCOOL --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1 10204:2004 TYPE 3.1

NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)

CO# 126304-NY GH 377-1665  
MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

HEAT NUMBER	THICKNESS	WIDTH	LENGTH	WEIGHT	YIELD POINT	TENSILE STRENGTH	AFRAC ELONG.	RED.
T651261	821S10630	2 1/4	96	480	6534	57900	78700 8	24
(M55)MFST REF#:1						56500	75800 8	25
T651262	821S10630	2 1/4	96	480	6534	58900	79400 8	24
(M55)MFST REF#:1						55300	75900 8	27
T651044	821S10660	2 1/4	96	480	6534	53800	75600 8	25
(M55)MFST REF#:1						51200	72700 8	32

O-QUENCH TEMPERATURE

T-TEMPER TEMPERATURE

N-NORMALIZE TEMPERATURE

Certified a true copy of the original, retained in our file.  
AMERICAN ALLOY STEEL, INC.

Reviewed By:

VB 5/10/21

SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS	TYPE	SIZE	D I R	TEST TEMP F	ENERGY			CHARPY IMPACT					
					INCHES					FT LBS			SHEAR(%)			LAT. EXP		
										1	2	3	1	2	3	1	2	3

HEAT NUMBER	C	Mn	P	S	SI	CU	NI	CR	MO	V	TI	AL	B	CH	N	SN	MOLD GRAIN SIZE
821S10630	.17	1.04	.012	.006	.344	.218	.18	.03	.003	.004	.002	.038	.0002	.002	.004	.009	
821S10660	.17	1.07	.012	.006	.341	.235	.17	.04	.006	.002	.002	.037	.0002	.003	.003	.004	

I certify that the above results are a true and correct copy of actual results contained in reports maintained by Cleveland-Cliffs Burns Harbor LLC and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

SUPV. QUALITY ASSURANCE  
Form B9PLTRPT.TIF

FARID HASSANI PER MWT

AMERICAN ALLOY  
PLATE # 5238554



AMERICAN ALLOY STEEL, INC.  
650 Harbor Way  
ROME, NY 13440  
PHONE (315) 371-9055 FAX (315) 336-3529

P A C K I N G L I S T

PACKING LIST NO 714388 S/O NO 677328 DATE: 05/07/2021

SOLD TO: 308500 PHONE: 1-902-429-0272 SHIP TO: 3  
INUKSHUK CONSTRUCTION LIMITED  
1869 UPPER WATER STREET SUITE AH202 3139 BOUL DES ENTREPRISES  
HALIFAX, NS B3J 1S9 TERREBONNE, QC  
J6X 4J9

CUSTOMER BUYER NAME:M.LOSIER

PHONE NO: 1-902-429-0272

CUST PO NUMBER	FOB POINT	SHIP VIA	SHIPPING REF	TERMS	DATE REQ
341-1001-NY	DELIVERED	ITM		PPD	05/07/2021

1 SET OF MTRs IS REQUIRED WITH SHIPMENT

LN#	ITM	QTY	THKNSS	MATERIAL/ITEM DESCRIPTION	UNT WGT	EXT WGT
-----	-----	-----	--------	---------------------------	---------	---------

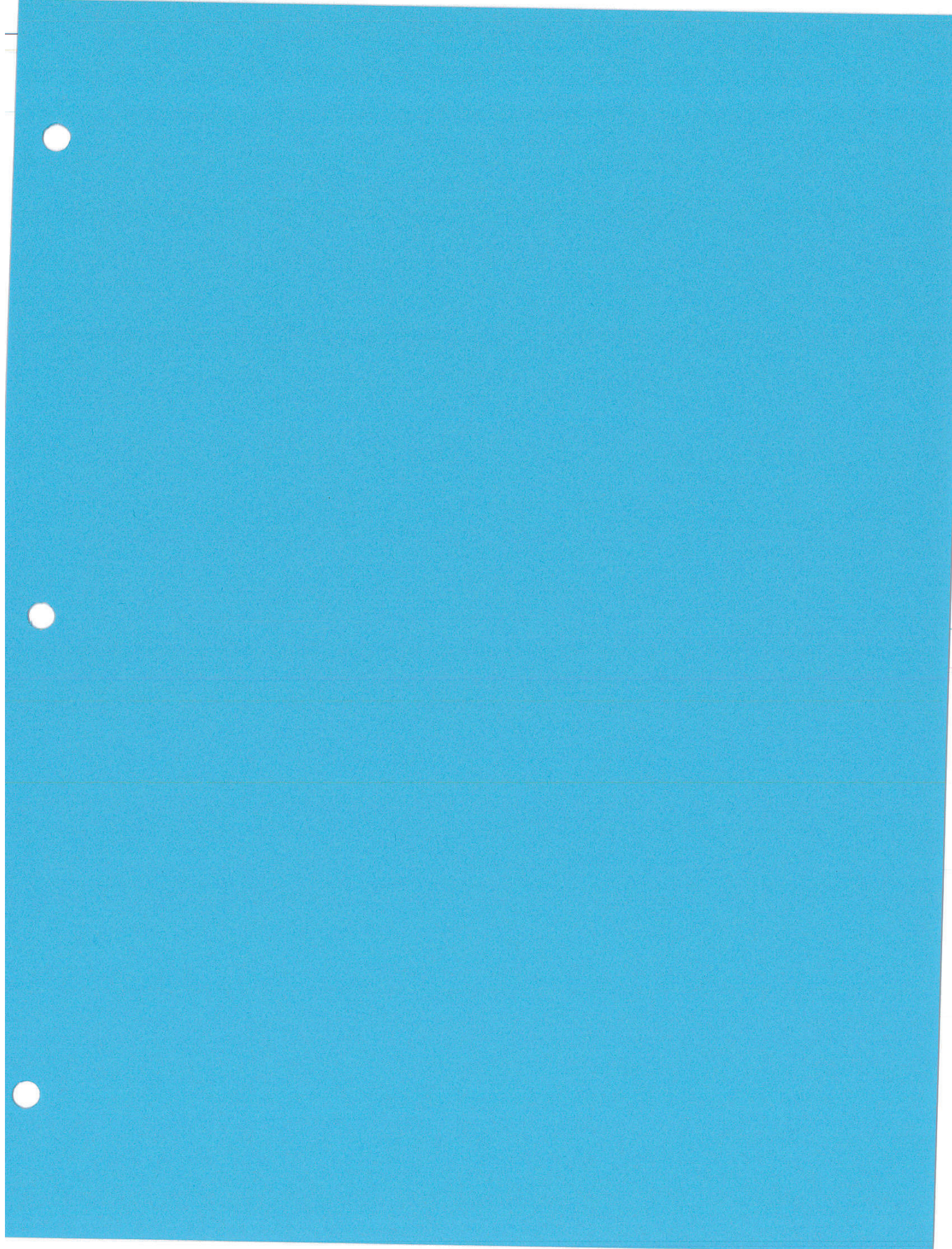
ASME SA 516 GRADE 70,  
KILLED, FINE GRAIN,  
AS ROLLED

1	5	14	1/4"	96" X 480" TAG: ROOF	3267	45738
---	---	----	------	-------------------------	------	-------

Total Pieces on this Packing List 14

Total Weight on this Packing List 45738









CANADA CUSTOMS INVOICE  
FACTURE DES DOUANES CANADIENNES

Load #5

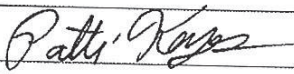
MRR #003

Page 1 of 1  
de

Vendor (name and address) - Vendeur (nom et adresse) American Alloy Steel 650 Harbor Way Rome, NY 13440 Tel: (800) 231-3502 Fax: (315) 371-9089		2. Date of direct shipment to Canada - Date d'expédition directe vers le Canada 5/3/21	
i. Consignee (name and address) - Destinataire (nom et adresse)  Techform-Montal 3139 Boul Des Entreprises Terrebonne, QC J6X 4J9 Canada  CUSTOMS Seamont Brokerage Phone 514-931-0306 Fax 514-363-5564		3. Other references (include purchaser's order no.) Autres références (inclure le n° de commande de l'acheteur) SO#677328, PO#341-1001-NY	
		5. Purchaser's name and address (if other than consignee) Nom et adresse de l'acheteur (s'il diffère du destinataire) American Alloy Steel 650 Harbor Way Rome, NY 13440	
		6. Country of transshipment - Pays de transbordement USA	
		7. Country of origin of goods Pays d'origine des marchandises USA	
i. Transportation: Give mode and place of direct shipment to Canada Transport: Précisez mode et point d'expédition directe vers le Canada		IF SHIPMENT INCLUDES GOODS OF DIFFERENT ORIGINS AGAINST ITEMS IN 12. SI L'EXPÉDITION COMPREND DES MARCHANDISES D'ORIGINES DIFFÉRENTES, PRÉCISEZ LEUR PROVENANCE EN 12	
		9. Conditions of sale and terms of payment (i.e. Sale, consignment shipment, leased goods, etc.) Conditions de vente et modalités de paiement (p. ex. vente, expédition en consignation, location de marchandises, etc.) SALE	
		10. Currency of settlement - Devises du paiement US FUNDS	
11. Number of packages Nombre de colis 14	12. Specification of commodities (kind of packages, marks and numbers, general description and characteristics, i.e., grade quality) Désignation des articles (nature des colis, marques et numéros, description générale et caractéristiques, p. ex. classe, qualité) STEEL PLATE CARBON	13. Quantity (state unit) Quantité (précisez l'unité) EACH	14. Unit Price Prix unitaire 2255.00
		15. Total 31570.00	
If any of fields 1 to 17 are included on an attached commercial invoice, check this box Si tout renseignement relativement aux zones 1 à 17 figure sur une ou des factures commerciales ci-attachées, cochez cette case Commercial Invoice No. / N° de la facture commerciale <input type="checkbox"/>		16. Total Weight - Poids Total Net 45,738 Gross - Brut 45,738	
17. Invoice total Total de la fac 31570.00			
19. Exporter's name and address (if other than vendor) Nom et adresse de l'exportateur (s'il diffère du vendeur)		20. Originator (name and address) - Expéditeur d'origine (nom et adresse) American Alloy Steel 650 Harbor Way Rome, NY 13440	
21. CCRA ruling (if applicable) - Décision de l'Agence (s'il y a lieu)		22. If fields 23 to 25 are not applicable, check this box Si les zones 23 à 25 sont sans objet, cochez cette case <input checked="" type="checkbox"/>	
23. If included in field 17 indicate amount: Si compris dans le total à la zone 17, précisez: (i) Transportation charges, expenses and insurance from the place of direct shipment to Canada Les frais de transport, dépenses et assurances à partir du point d'expédition directe vers le Canada (ii) Costs for construction, erection and assembly incurred after importation into Canada Les coûts de construction, d'érection et d'assemblage après importation au Canada (iii) Export packing Le coût de l'emballage d'exportation		24. If not included in field 17 indicate amount: Si non compris dans le total à la zone 17, précisez: (i) Transportation charges, expenses, and insurance from the place of direct shipment to Canada Les frais de transport, dépenses et assurances jusqu'au point d'expédition directe vers le Canada (ii) Amounts for commissions other than buying commissions Les commissions autres que celles versées pour l'achat (iii) Export packing Le coût de l'emballage d'exportation	
		25. Check (if applicable): Cochez (s'il y a lieu): (i) Royalty payments or subsequent proceeds are paid or payable by the purchaser Des redevances ou produits ont été ou seront versés par l'acheteur (ii) The purchaser has supplied goods or services for use in the production of these goods L'acheteur a fourni des marchandises ou des services pour la production de ces marchandises	

UNITED STATES-MEXICO-CANADA AGREEMENT (USMCA)  
**CERTIFICATE OF ORIGIN**

(Please print or type.)

<b>1. CERTIFIER NAME AND ADDRESS:</b> PATTI KEYES 650 HARBOR WAY ROME, NY 13440 DIRECT TEL: 315-371-9058 EMAIL: PATTI@AASTEEL.COM		<b>2. EXPORTER NAME AND ADDRESS:</b> AMERICAN ALLOY STEEL, INC. 650 HARBOR WAY ROME, NY 13440 TEL: 800-325-2479 TAX IDENTIFICATION NUMBER: 1-74-1688398-5		
<b>3. PRODUCER NAME AND ADDRESS:</b> Mittell, Coatesville, PA  TEL: N/A      EMAIL: N/A TAX IDENTIFICATION NUMBER: N/A		<b>4. IMPORTER NAME AND ADDRESS:</b> Indukshuk Construction Limited 1869 Upper Water Street Suite AH202 Halifax, NS B3J 1S9 Canada TEL: N/A      EMAIL: N/A TAX IDENTIFICATION NUMBER: N/A		
<b>5. DESCRIPTION OF GOOD(S):</b> STEEL PLATE S/O# 677328      PO# 341-1101-NY Item 5. Qty 14, 1/4 X 96 X 480		<b>6. H.S. TARIFF CLASSIFICATION NUMBER</b> 7225.40/0000	<b>7. PREFERENCE CRITERION</b> B	<b>10. COUNTRY OF ORIGIN</b> USA
I CERTIFY THAT: -THE GOODS DESCRIBED IN THIS DOCUMENT QUALIFY AS ORIGINATING AND THE INFORMATION CONTAINED IN THIS DOCUMENT IS TRUE AND ACCURATE. I ASSUME RESPONSIBILITY FOR PROVING SUCH REPRESENTATIONS AND AGREE TO MAINTAIN AND PRESENT UPON REQUEST OR TO MAKE AVAILABLE DURING A VERIFICATION VISIT, DOCUMENTATION NECESSARY TO SUPPORT THIS CERTIFICATION. -THIS CERTIFICATE CONSISTS OF ____ PAGES, INCLUDING ALL ATTACHMENTS.				
<b>11. AUTHORIZED SIGNATURE:</b> 		COMPANY: AMERICAN ALLOY STEEL, INC.		
NAME (PRINT OR TYPE): PATTI KEYES		TITLE: Ass't Traffic Manager		
DATE: 5/3/21		TELEPHONE: 315 371-9058		FAX: 315-371-9089





# AMERICAN ALLOY STEEL, INC.

6230 N. HOUSTON ROSSLYN ROAD

HOUSTON, TEXAS 77091

Phone: 713-462-8081 Fax: 713-462-8209

M.T.R. COVER SHEET

05/03/2021

Customer Name : INUKSHUK CONSTRUCTION LIMITED  
Address :  
City, State Zip : HALIFAX, NS B3J 1S9  
Attention : M.LOSIER  
Phone Number : 1-902-429-0272  
Reference Number : 677328  
Notes 1 : P.O. NO. 341-1001-NY

Control Number: 1093343  
Queued By : Alex Garza  
Page Number : 1  
Total Pages : 15  
Fax Number : 1-902-429-7762

THE INFORMATION YOU REQUESTED IS ATTACHED.  
THANK YOU FOR YOUR BUSINESS !

AASI PLATE NUMBER	HEAT # / SLAB #	MILL
5238529	811S10640 T650940	CLEVELAND-CLIFFS
5238530	811S10640 T650939	CLEVELAND-CLIFFS
5238531	811S10640 T650939	CLEVELAND-CLIFFS
5238532	811S10640 T650938	CLEVELAND-CLIFFS
5238533	811S10640 T650938	CLEVELAND-CLIFFS
5238534	811S10640 T650937	CLEVELAND-CLIFFS
5238535	811S10640 T650936	CLEVELAND-CLIFFS
5238536	811S10640 T650935	CLEVELAND-CLIFFS
5238537	811S10640 T650935	CLEVELAND-CLIFFS
5238538	821S10640 T650945	CLEVELAND-CLIFFS
5238539	821S10640 T650945	CLEVELAND-CLIFFS
5238540	821S10640 T650944	CLEVELAND-CLIFFS
5238541	821S10640 T650943	CLEVELAND-CLIFFS
5238542	821S10640 T650943	CLEVELAND-CLIFFS

05/03/2021 From: AMERICAN ALLOY STEEL, INC.  
P.O.#: 341-1001-NY  
Item: 5 (1 PC) 1/4" X 96" X 480"  
TAG: ROOF

To: INUKSHUK CONSTRUCTION LIMITED  
AA PL#: 5238529

S.O.#: 677328

Cleveland-Cliffs Burns Harbor LLC  
QUALITY ASSURANCE REPORT OF TEST AND ANALYSIS

US HWY 12 Burns Harbor, Indiana

SHIPMENT NO. 804-27223		DATE SHIPPED 04-03-21		CAR OR VEHICLE NO. CSS-CHGO-CSXT-UTICAIHB 017024							
AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469		AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440									
SERIAL NUMBER	PAT NO.	HEAT NUMBER	NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT	YIELD POINT	TENSILE STRENGTH	AF FRAC ELONG.	RED.

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.  
PLATES - ASTM A516-17 GR 70 PVQ MOD C.20 MAX KLD FINE GRAIN PRAC, ASTM  
A516-17 GR 65 PVQ, ASME SA516 GR 70 PVQ 2019 EDITION, ASME SA516 GR  
65 PVQ 2019 EDITION, FIRST TST AS ROLLED-ADD'L TENSION PER TST PC  
HEAT TREATMENT --- MILL TEST PCS NORM 1650+/-25F FOR 30MIN/IN (30  
MINUTES MIN), AIRCOOL --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1  
10204:2004 TYPE 3.1  
NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)  
CO# 126304-NY GH 377-1665

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER  
T650938 811810640 2 1/4 96 480 6534 56200 77400 8 24  
54100 75500 8 26  
(M55)MFST REF#:1

T650939 811810640 2 1/4 96 480 6534 56600 77900 8 24  
53600 74600 8 24  
(M55)MFST REF#:1

→ T650940 811810640 2 1/4 96 480 6534 56400 77000 8 24  
54200 74900 8 25  
(M55)MFST REF#:1

Q-QUENCH TEMPERATURE T-TEMPERATURE N-NORMALIZE TEMPERATURE

SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS  INCHES	TYPE	SIZE	D I R	TEST TEMP F	CHARPY IMPACT											
										ENERGY FT LBS			SHEAR(%)			LAT. EXP			MILS		
										1	2	3	1	2	3	1	2	3	1	2	3

Certified a true copy of the  
original, retained in my file.  
AMERICAN ALLOY STEEL

HEAT NUMBER	CHEMICAL ANALYSIS																MOULD GRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Co	N	Sn	

811810640 .17 1.01 .009 .005 .342.216 .17 .02.003.001.002.025.0002 .002.004.006

I certify that the above results are a true and correct copy of actual results contained in records  
maintained by Cleveland-Cliffs Burns Harbor LLC and are in full compliance with the requirements  
of the specification cited above. This test report cannot be altered and must be transmitted intact  
with any subsequent third party test reports, if required.

SUPV. QUALITY ASSURANCE  
Form BNPLTRPT.TIF

FARID HASSANI PER MWT

AMERICAN ALLOY  
PLATE # 5238529



05/03/2021 From: AMERICAN ALLOY STEEL, INC.

P.O.#: 341-1001-NY

Item: 5 (1 PC) 1/4" X 96" X 480"

TAG: ROOF

S.O.#: 677328

To: INUKSHUK CONSTRUCTION LIMITED

AA PL#: 5238530

# Cleveland-Cliffs Burns Harbor LLC

QUALITY ASSURANCE REPORT OF TEST AND ANALYSIS

US HWY 12 Burns Harbor, Indiana

SHIPMENT NO.  
804-27223

DATE SHIPPED  
04-03-21

CAR OR VEHICLE NO.

CSS-CHGO-CSXT-UTICAIHB 017024

AMERICAN ALLOY STEEL INC  
PO BOX 40469  
HOUSTON TX 77240-0469

AMERICAN ALLOY STEEL INC  
THEIR SIDING  
650 HARBOR WAY  
ROME NY 13440

SERIAL NUMBER	PAT NO.	HEAT NUMBER	NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT	YIELD POINT	TENSILE STRENGTH	AF FRAC. ELONG.	RED.
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QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.  
PLATES - ASTM A516-17 GR 70 PVD MOD C.20 MAX KLD FINE GRAIN PRAC, ASTM A516-17 GR 65 PVD, ASME SA516 GR 70 PVD 2019 EDITION, ASME SA516 GR 65 PVD 2019 EDITION, FIRST TST AS ROLLED-ADD'L TENSION PER TST PC HEAT TREATMENT --- MILL TEST PCS NORM 1650+/-25F FOR 30MIN/IN (30 MINUTES MIN), AIRCOOL --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1  
NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)  
CO# 126304-NY GH 377-1665

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER  
T650938 811S10640 2 1/4 96 480 6534 56200 77400 8 24  
(M55)MFST REF#:1 54100 75500 8 26

→ T650939 811S10640 2 1/4 96 480 6534 56600 77900 8 24  
(M55)MFST REF#:1 53600 74600 8 24

T650940 811S10640 2 1/4 96 480 6534 56400 77000 8 24  
(M55)MFST REF#:1 54200 74900 8 25

Q-QUENCH TEMPERATURE

T-TEMPERATURE

N-NORMALIZE TEMPERATURE

SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS	TYPE	SIZE	D I R	TEST TEMP	ENERGY	CHARPY IMPACT	SHEAR(%)	LAT. EXP
					INCHES				F	FT LBS			MILS

Certified a true copy of the original, retained in our file.

AMERICAN ALLOY STEEL

HEAT NUMBER	C	Mn	P	S	Si	Cu	Fe	Cr	Mo	V	Ti	Al	B	Co	N	Sn	MOUNTED GRAIN SIZE
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811S10640 .17 1.01 .009 .005 .342.216 .17 .02.003.001.002.025.0002 .002.004.006

I certify that the above results are a true and correct copy of actual results contained in records maintained by Cleveland-Cliffs Burns Harbor LLC and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

SUPV. QUALITY ASSURANCE  
Form BHLTRPT.TIF

FARID HASSANI PER MWT

AMERICAN ALLOY  
PLATE #5238530

05/03/2021 From: AMERICAN ALLOY STEEL, INC.  
P.O.#: 341-1001-NY  
Item: 5 (1 PC) 1/4" X 96" X 480"  
TAG: ROOF

To: INUKSHUK CONSTRUCTION LIMITED  
S.O.#: 677328  
AA PL#: 5238531

Cleveland-Cliffs Burns Harbor LLC  
QUALITY ASSURANCE REPORT OF TEST AND ANALYSIS

US HWY 12 Burns Harbor, Indiana

SHIPMENT NO. 804-27223		DATE SHIPPED 04-03-21		CAR OR VEHICLE NO. CSS-CHGO-CSXT-UTICATHB 017024							
AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469		S H I P T O		AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440							
SERIAL NUMBER	PAT NO.	HEAT NUMBER	NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT	YIELD POINT	TENSILE STRENGTH	AFRAC ELONG.	RED.

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.

PLATES - ASTM A516-17 GR 70 PVQ MOD C.20 MAX KLD FINE GRAIN PRAC, ASTM  
A516-17 GR 65 PVQ, ASME SA516 GR 70 PVQ 2019 EDITION, ASME SA516 GR  
65 PVQ 2019 EDITION, FIRST TST AS ROLLED-ADD'L TENSION PER TST PC  
HEAT TREATMENT --- MILL TEST PCS NORM 1650+/-25F FOR 30MIN/IN (30  
MINUTES MIN), AIRCOOL --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1  
10204:2004 TYPE 3.1

NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)

CO# 126304-NY GH 377-1665

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

T650938	811S10640	2	1/4	96	480	6534	56200	77400	8	24
(M55)MFST REF#:	1						54100	75500	8	26

T650939	811S10640	2	1/4	96	480	6534	56600	77900	8	24
(M55)MFST REF#:	1						53600	74600	8	24

T650940	811S10640	2	1/4	96	480	6534	56400	77000	8	24
(M55)MFST REF#:	1						54200	74900	8	25

Q-QUENCH TEMPERATURE	T-TEMPER TEMPERATURE	N-NORMALIZE TEMPERATURE
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SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS  INCHES	TYPE	SIZE	D R	TEST TEMP F	CHARBY IMPACT										MILS
										ENERGY FT LBS			SHEAR(%)			LAT. EXP				
										1	2	3	1	2	3	1	2	3	4	

Certified a true copy of the  
original, retained in our file.

AMERICAN ALLOY STEEL

Jk 5/3/2021

HEAT NUMBER	CHEMICAL ANALYSIS																MOULD GRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Co	N	Sn	

811S10640 .17 1.01 .009 .005 .342.216 .17 .02.003.001.002.025.0002 .002.004.006

I certify that the above results are a true and correct copy of actual results contained in records maintained by Cleveland-Cliffs Burns Harbor LLC and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

SUPV. QUALITY ASSURANCE  
Form BHLTRPT.TIF

FARID HASSANI PER MWT

AMERICAN ALLOY  
PLATE # 5238531



05/03/2021 From: AMERICAN ALLOY STEEL, INC.  
P.O.#: 341-1001-NY  
Item: 5 (1 PC) 1/4" X 96" X 480"  
TAG: ROOF

To: INUKSHUK CONSTRUCTION LIMITED  
AA PL#: 5238532

S.O.#: 677328

Cleveland-Cliffs Burns Harbor LLC  
QUALITY ASSURANCE REPORT OF TEST AND ANALYSIS

US HWY 12 Burns Harbor, Indiana

SHIPMENT NO. 804-27223		DATE SHIPPED 04-03-21		CAR OR VEHICLE NO. CSS-CHGO-CSXT-UTICAIHB 017024							
AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469		SHIP TO AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440									
SERIAL NUMBER	PAT NO.	HEAT NUMBER	NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT	YIELD POINT	TENSILE STRENGTH	AFRAC ELONG.	RED.

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A. POUNDS PSI PSI IN %

PLATES - ASTM A516-17 GR 70 PVQ MOD C.20 MAX KLD FINE GRAIN PRAC, ASTM A516-17 GR 65 PVQ, ASME SA516 GR 70 PVQ 2019 EDITION, ASME SA516 GR 65 PVQ 2019 EDITION, FIRST TST AS ROLLED-ADD'L TENSION PER TST PC HEAT TREATMENT --- MILL TEST PCS NORM 1650+/-25F FOR 30MIN/IN (30 MINUTES MIN), AIRCOOL --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1 10204:2004 TYPE 3.1

NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)

CO# 126304-NY GH 377-1665

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

T650938	811S10640	2	1/4	96	480	6534	56200	77400	8	24
(M55)MFST REF#:1							54100	75500	8	26
T650939	811S10640	2	1/4	96	480	6534	56600	77900	8	24
(M55)MFST REF#:1							53600	74600	8	24
T650940	811S10640	2	1/4	96	480	6534	56400	77000	8	24
(M55)MFST REF#:1							54200	74900	8	25

Q-QUENCH TEMPERATURE

T-TEMPERATURE

N-NORMALIZE TEMPERATURE

SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS	TYPE	SIZE	D I R	TEST TEMP	CHARPY IMPACT								
										ENERGY			SHEAR(%)			LAT. EXP		
										FT LBS						MILS		
					INCHES				F	1	2	3	1	2	3	1	2	3

Certified a true copy of the original, retained in our file.  
AMERICAN ALLOY STEEL

HEAT NUMBER	CHEMICAL ANALYSIS																MICROALD GRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Ca	N	Sn	

811S10640 .17 1.01 .009 .005 .342.216 .17 .02.003.001.002.025.0002 .002.004.006

I certify that the above results are a true and correct copy of actual results contained in reports maintained by Cleveland-Cliffs Burns Harbor LLC and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

SUPV. QUALITY ASSURANCE  
Form BHPLTRPT.TIF

FARID HASSANI PER MWT

AMERICAN ALLOY  
LATE # 5238532

05/03/2021 From: AMERICAN ALLOY STEEL, INC. To: INUKSHUK CONSTRUCTION LIMITED  
P.O.#: 341-1001-NY S.O.#: 677328 AA PL#: 5238533  
Item: 5 (1 PC) 1/4" X 96" X 480"  
TAG: ROOF

**Cleveland-Cliffs Burns Harbor LLC**  
QUALITY ASSURANCE REPORT OF TEST AND ANALYSIS

US HWY 12 Burns Harbor, Indiana

SHIPMENT NO. <b>804-27223</b>		DATE SHIPPED <b>04-03-21</b>		CAR OR VEHICLE NO. <b>CSS-CHGO-CBXT-UTICAIHB 017024</b>							
S O L D T O N O T E		AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469		AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440							
SERIAL NUMBER	PAT NO.	HEAT NUMBER	NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT	YIELD POINT	TENSILE STRENGTH	AFRAC ELONG.	RED.

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.  
PLATES - ASTM A516-17 GR 70 PVQ MOD C.20 MAX KLD FINE GRAIN PRAC, ASTM A516-17 GR 65 PVQ, ASME SA516 GR 70 PVQ 2019 EDITION, ASME SA516 GR 65 PVQ 2019 EDITION, FIRST TST AS ROLLED-ADD'L TENSION PER TST PC HEAT TREATMENT --- MILL TEST PCS NORM 1650+/-25F FOR 30MIN/IN (30 MINUTES MIN), AIRCOOL --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1  
10204:2004 TYPE 3.1  
NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)

CO# 126304-NY GH 377-1665  
MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER  
→ T650938 811S10640 2 1/4 96 480 6534 56200 77400 8 24 54100 75500 8 26  
(M55)MFST REF#:1  
T650939 811S10640 2 1/4 96 480 6534 56600 77900 8 24 53600 74600 8 24  
(M55)MFST REF#:1  
T650940 811S10640 2 1/4 96 480 6534 56400 77000 8 24 54200 74900 8 25  
(M55)MFST REF#:1

Q-QUENCH TEMPERATURE T-TEMPER TEMPERATURE N-NORMALIZE TEMPERATURE

SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS  INCHES	TYPE	SIZE	D I R	TEST TEMP F	CHARPY IMPACT									
										ENERGY FT LBS			SHEAR(%)			LAT. EXP MILS			
										1	2	3	1	2	3	1	2	3	

Certified a true copy of the original, retained in our file.

AMERICAN ALLOY STEEL  
*IV 5/3/2021*

HEAT NUMBER	CHEMICAL ANALYSIS																MOQUAD GRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Co	N	Sn	

811S10640 .17 1.01 .009 .005 .342.216 .17 .02.003.001.002.025.0002 .002.004.006

I certify that the above results are a true and correct copy of actual results contained in records maintained by Cleveland-Cliffs Burns Harbor LLC and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

SUPV. QUALITY ASSURANCE  
Form BHPLTRPT.TIF

FARID HASSANI PER MWT

AMERICAN ALLOY  
PLATE # 5238533



05/03/2021 From: AMERICAN ALLOY STEEL, INC.  
P.O.#: 341-1001-NY  
Item: 5 (1 PC) 1/4" X 96" X 480"  
TAG: ROOF

To: INUKSHUK CONSTRUCTION LIMITED  
S.O.#: 677328  
AA PL#: 5238534

### Cleveland-Cliffs Burns Harbor LLC

QUALITY ASSURANCE REPORT OF TEST AND ANALYSIS

US HWY 12 Burns Harbor, Indiana

SHIPMENT NO.  
804-27223

DATE SHIPPED  
04-03-21

CAR OR VEHICLE NO.

CSS-CHGO-CEXT-UTICAIB 017024

AMERICAN ALLOY STEEL INC  
PO BOX 40469  
HOUSTON TX 77240-0469

AMERICAN ALLOY STEEL INC  
THEIR SIDING  
650 HARBOR WAY  
ROME NY 13440

S E R I A L N O.	P A T N O.	H E A T N O.	N O. P C S.	SIZE AND QUANTITY				Y I E L D P O I N T	T E N S I L E S T R E N G T H	A F F R A C E L O N G.	R E D.
				THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT				

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.  
PLATES - ASTM A516-17 GR 70 PVQ MOD C.20 MAX KLD FINE GRAIN PRAC, ASTM  
A516-17 GR 65 PVQ, ASME SA516 GR 70 PVQ 2019 EDITION, ASME SA516 GR  
65 PVQ 2019 EDITION, FIRST TST AS ROLLED-ADD'L TENSION PER TST PC  
HEAT TREATMENT --- MILL TEST PCS NORM 1650+/-25F FOR 30MIN/IN (30  
MINUTES MIN), AIRCOOL --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1  
10204:2004 TYPE 3.1  
NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)

CO# 126304-NY GR 377-1665

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

T650935	811810640	2	1/4	96	480	6534	58500	79800	8	25
(M55)MFST REF#:1							54100	75200	8	27

T650936	811810640	1	1/4	96	480	3267	55200	76700	8	25
(M55)MFST REF#:1							55100	75900	8	26

T650937	811810640	1	1/4	96	480	3267	53800	76200	8	24
(M55)MFST REF#:1							54400	74300	8	26

Q-QUENCH TEMPERATURE	T-TEMPER TEMPERATURE	N-NORMALIZE TEMPERATURE
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S E R I A L N O.	P A T N O.	H E A T N O.	H A R D B H N	B E N D	T H I C K N E S S  I N C H E S	T Y P E	S I Z E	D I R	T E M P E R A T U R E  F	ENERGY			SHEAR(%)			LAT. EXP		
										FT LBS			1 2 3			MILS		

Certified a true copy of the  
original, retained in our file.

AMERICAN ALLOY STEEL

JK 5/3/2021

HEAT NUMBER	CHEMICAL ANALYSIS															MODIFIED GRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Co	N	

811810640 .17 1.01 .009 .005 .342.216 .17 .02.003.001.002.025.0002 .002.004.006

I certify that the above results are a true and correct copy of actual results contained in records maintained by Cleveland-Cliffs Burns Harbor LLC and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

SUPV. QUALITY ASSURANCE  
Form BHLTRPT.TIF

FARID HASSANI PER MWT

AMERICAN ALLOY STEEL  
PLATE # 5238534

05/03/2021 From: AMERICAN ALLOY STEEL, INC. To: INUKSHUK CONSTRUCTION LIMITED  
P.O.#: 341-1001-NY S.O.#: 677328 AA PL#: 5238535  
Item: 5 (1 PC) 1/4" X 96" X 480"  
TAG: ROOF

**Cleveland-Cliffs Burns Harbor LLC**  
QUALITY ASSURANCE REPORT OF TEST AND ANALYSIS

US HWY 12 Burns Harbor, Indiana

SHIPMENT NO. 804-27223		DATE SHIPPED 04-03-21		CAR OR VEHICLE NO. CSS-CHGO-CEXT-UTICAIHS 017024							
SOLD TO AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469		SHIP TO AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440									
SERIAL NUMBER	PAT NO.	HEAT NUMBER	NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT	YIELD POINT	TENSILE STRENGTH	AFRAC ELONG.	RED.

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A. POUNDS PSI PSI IN %

PLATES - ASTM A516-17 GR 70 FVQ MOD C.20 MAX FLD FINE GRAIN PRAC, ASTM A516-17 GR 65 FVQ, ASME SA516 GR 70 FVQ 2019 EDITION, ASME SA516 GR 65 FVQ 2019 EDITION, FIRST TST AS ROLLED-ADD'L TENSION PER TST PC HEAT TREATMENT --- MILL TEST PCS NORM 1650+/-25F FOR 30MIN/IN (30 MINUTES MIN), AIRCOOL --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1

NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)

CO# 126304-NY GH 377-1665

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

T650935	811810640	2	1/4	96	480	6534	58500	79800	8	25
(M55)MFST REF#:1						54100	75200	8	27	

T650936	811810640	1	1/4	96	480	3267	55200	76700	8	25
(M55)MFST REF#:1						55100	75900	8	26	

T650937	811810640	1	1/4	96	480	3267	53800	76200	8	24
(M55)MFST REF#:1						54400	74300	8	26	

Q-QUENCH TEMPERATURE	T-TEMPERATURE	N-NORMALIZE TEMPERATURE
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SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS INCHES	TYPE	SIZE	D I R	TEST TEMP F	CHARPY IMPACT								
										ENERGY FT LBS			SHEAR(%)			LAT. EXP MILS		
										1	2	3	1	2	3	1	2	3

Certified a true copy of the original, retained in our file.

AMERICAN ALLOY STEEL

*JK 5/3/2021*

HEAT NUMBER	CHEMICAL ANALYSIS														MOQUAD GRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Ca	Sn

811810640 .17 1.01 .009 .005 .342.216 .17 .02.003.001.002.025.0002 .002.004.006

I certify that the above results are a true and correct copy of actual results contained in records maintained by Cleveland-Cliffs Burns Harbor LLC and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

SUPV. QUALITY ASSURANCE  
Form BHPLTRPT.TIF

FARID HASSANI PER MWT

AMERICAN ALLOY STEEL  
PLATE # 5238535



05/03/2021 From: AMERICAN ALLOY STEEL, INC.  
P.O.#: 341-1001-NY  
Item: 5 (1 PC) 1/4" X 96" X 480"  
TAG: ROOF

To: INUKSHUK CONSTRUCTION LIMITED  
AA PL#: 5238536

S.O.#: 677328

Cleveland-Cliffs Burns Harbor LLC  
QUALITY ASSURANCE REPORT OF TEST AND ANALYSIS

US HWY 12 Burns Harbor, Indiana

SHIPMENT NO.  
804-27223

DATE SHIPPED  
04-03-21

CAR OR VEHICLE NO.  
CSS-CHGO-CSXT-UTICAIHB 017024

AMERICAN ALLOY STEEL INC  
PO BOX 40469  
HOUSTON TX 77240-0469

AMERICAN ALLOY STEEL INC  
THEIR SIDING  
650 HARBOR WAY  
ROME NY 13440

S E R I A L N O.	P A T N O.	H E A T N O.	N O. P C S.	SIZE AND QUANTITY			W E I G H T	Y I E L D P O I N T	T E N S I L E S T R E N G T H	A F F R A C T I O N E L O N G	R E D.
				THICKNESS	WIDTH OR DIA	LENGTH					

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.  
PLATES - ASTM A516-17 GR 70 PVQ MOD C.20 MAX KLD FINE GRAIN PRAC, ASTM  
A516-17 GR 65 PVQ, ASME SA516 GR 70 PVQ 2019 EDITION, ASME SA516 GR  
65 PVQ 2019 EDITION, FIRST TST AS ROLLED-ADD'L TENSION PER TST PC  
HEAT TREATMENT --- MILL TEST PCS NORM 1650+/-25F FOR 30MIN/IN (30  
MINUTES MIN), AIRCOOL --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1  
10204:2004 TYPE 3.1  
NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)

CO# 126304-NY GH 377-1665

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

T650935	811S10640	2	1/4	96	480	6534	58500	79800	8	25
(M55)MFST REF#:1							54100	75200	8	27
T650936	811S10640	1	1/4	96	480	3267	55200	76700	8	25
(M55)MFST REF#:1							55100	75900	8	26
T650937	811S10640	1	1/4	96	480	3267	53800	76200	8	24
(M55)MFST REF#:1							54400	74300	8	26

Q-QUENCH TEMPERATURE

T-TEMPER TEMPERATURE

N-NORMALIZE TEMPERATURE

SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS	TYPE	SIZE	D I R	TEST TEMP °F	ENERGY			CHARPY IMPACT					
										FT LBS			SHEAR(S)			LAT. EXP		
					INCHES				1	2	3	1	2	3	1	2	3	MILS

Certified a true copy of the  
original, retained in our file.

AMERICAN ALLOY STEEL

JK 5/3/2021

HEAT NUMBER	CHEMICAL ANALYSIS																MOULD GRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Co	N	Sn	

811S10640 .17 1.01 .009 .005 .342.216 .17 .02.003.001.002.025.0002 .002.004.006

I certify that the above results are a true and correct copy of actual results contained in records maintained by Cleveland-Cliffs Burns Harbor LLC and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

SUPV. QUALITY ASSURANCE  
Form BHPLTRPT.TIF

FARID HASSANI PER MWT

AMERICAN ALLOY STEEL  
PLATE # 5238536

05/03/2021 From: AMERICAN ALLOY STEEL, INC.  
P.O.#: 341-1001-NY  
Item: 5 (1 PC) 1/4" X 96" X 480"  
TAG: ROOF

To: INUKSHUK CONSTRUCTION LIMITED  
S.O.#: 677328  
AA PL#: 5238537

### Cleveland-Cliffs Burns Harbor LLC

QUALITY ASSURANCE REPORT OF TEST AND ANALYSIS

US HWY 12 Burns Harbor, Indiana

SHIPMENT NO. <b>804-27223</b>		DATE SHIPPED <b>04-03-21</b>	CAR OR VEHICLE NO. <b>CSS-CHGO-CSXT-UTICAIHB 017024</b>								
S O L D T O A MERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469		S H I P T O A MERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440									
SERIAL NUMBER	PAT NO.	HEAT NUMBER	NO. PCS.	THICKNESS	WIDTH OR DIA	LENGTH	WEIGHT	YIELD POINT	TENSILE STRENGTH	AF FRAC. ELONG.	RED.

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.

PLATES - ASTM A516-17 GR 70 FVQ MOD C.20 MAX KLD FINE GRAIN PRAC, ASTM A516-17 GR 65 FVQ, ASME SA516 GR 70 FVQ 2019 EDITION, ASME SA516 GR 65 FVQ 2019 EDITION, FIRST TST AS ROLLED-ADD'L TENSION PER TST PC HEAT TREATMENT --- MILL TEST PCS NORM 1650+/-25F FOR 30MIN/IN (30 MINUTES MIN), AIRCOOL --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1

NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)

CO# 126304-NY GH 377-1665

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

	INCHES	INCHES	INCHES	POUNDS	PSI	PSI	IN	%
T650935	811S10640	2	1/4	96	480	6534	58500	79800 8 25
(M55)MFST REF#:1							54100	75200 8 27
T650936	811S10640	1	1/4	96	480	3267	55200	76700 8 25
(M55)MFST REF#:1							55100	75900 8 26
T650937	811S10640	1	1/4	96	480	3267	53800	76200 8 24
(M55)MFST REF#:1							54400	74300 8 26

Q-QUENCH TEMPERATURE

T-TEMPER TEMPERATURE

N-NORMALIZE TEMPERATURE

SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS  INCHES	TYPE	SIZE	D I R	TEST TEMP F	CHARPY IMPACT											
										ENERGY			SHEAR(%)			LAT. EXP			MILS		
										FT LBS			1 2 3			1 2 3					
1	2	3	1	2	3	1	2	3	1	2	3	1	2	3							

Certified a true copy of the  
original, retained in our file.  
AMERICAN ALLOY STEEL

HEAT NUMBER	CHEMICAL ANALYSIS															MOULDED GRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Co	N	Sn

811S10640 .17 1.01 .009 .005 .342.216 .17 .02.003.001.002.025.0002 .002.004.006

I certify that the above results are a true and correct copy of actual results contained in records maintained by Cleveland-Cliffs Burns Harbor LLC and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

SUPV. QUALITY ASSURANCE  
Form BHPLTRPT.TIF

FARID HASSANI PER MWT

AMERICAN ALLOY  
PLATE # 5238537



05/03/2021 From: AMERICAN ALLOY STEEL, INC.

To: INUKSHUK CONSTRUCTION LIMITED

P.O.#: 341-1001-NY

S.O.#: 677328

AA PL#: 5238538

Item: 5 (1 PC) 1/4" X 96" X 480"

TAG: ROOF

## Cleveland-Cliffs Burns Harbor LLC

QUALITY ASSURANCE REPORT OF TEST AND ANALYSIS

US HWY 12 Burns Harbor, Indiana

SHIPMENT NO. 804-27223		DATE SHIPPED 04-03-21		CAR OR VEHICLE NO. CSS-CHGO-CSKT-UTICAIHB 017024	
AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469		AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440			
SERIAL NUMBER	PAT NO.	HEAT NUMBER	NO. PCS.	THICKNESS	WIDTH OR DIA.
				LENGTH	WEIGHT
				YIELD POINT	TENSILE STRENGTH
				AFRAC. ELONG.	RED.

QUALITY STEEL MELTED &amp; MANUFACTURED IN THE U. S. A.

PLATES - ASTM A516-17 GR 70 PVQ MOD C.20 MAX KLD FINE GRAIN PRAC, ASTM A516-17 GR 65 PVQ, ASME SA516 GR 70 PVQ 2019 EDITION, ASME SA516 GR 65 PVQ 2019 EDITION, FIRST TST AS ROLLED-ADD'L TENSION PER TST PC HEAT TREATMENT --- MILL TEST PCS NORM 1650+/-25F FOR 30MIN/IN (30 MINUTES MIN), AIRCOOL --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1 10204:2004 TYPE 3.1

NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)

CO# 126304-NY GH 377-1665

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

T650943	821S10640	2	1/4	96	480	6534	55200	76500	8	23
							53800	74000	8	25

(M55)MFST REF#:1

T650944	821S10640	1	1/4	96	480	3267	54100	76500	8	27
							55400	75400	8	26

(M55)MFST REF#:1

→ T650945	821S10640	2	1/4	96	480	6534	56600	77200	8	25
							54000	73800	8	26

(M55)MFST REF#:1

Q-QUENCH TEMPERATURE	T-TEMPER TEMPERATURE	N-NORMALIZE TEMPERATURE
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SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS	TYPE	SIZE	D I R	TEST TEMP F	CHARPY IMPACT											
										ENERGY			SHEAR(%)			LAT. EXP			MTLS		
										FT	LBS		1	2	3	1	2	3		1	2
					INCHES					1	2	3	1	2	3	1	2	3			

Certified a true copy of the original, retained in our file.

AMERICAN ALLOY STEEL

Jr Skhon

HEAT NUMBER	CHEMICAL ANALYSIS															MOULDED GRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Ca	N	Sn

821S10640 .17 1.01 .009 .005 .342.216 .17 .02.003.001.002.025.0002 .002.004.006

I certify that the above results are a true and correct copy of actual results contained in records maintained by Cleveland-Cliffs Burns Harbor LLC and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

SUPV. QUALITY ASSURANCE  
Form BHPLTRPT.TIF

FARID HASSANI PER MWT

AMERICAN ALLOY  
LATE #5238538

05/03/2021 From: AMERICAN ALLOY STEEL, INC.

To: INUKSHUK CONSTRUCTION LIMITED

P.O.#: 341-1001-NY

S.O.#: 677328

AA PL#: 5238539

Item: 5 (1 PC) 1/4" X 96" X 480"

TAG: ROOF

## Cleveland-Cliffs Burns Harbor LLC

QUALITY ASSURANCE REPORT OF TEST AND ANALYSIS

US HWY 12 Burns Harbor, Indiana

SHIPMENT NO. 804-27223		DATE SHIPPED 04-03-21		CAR OR VEHICLE NO. CSS-CHGO-CSXT-UTICAIHB 017024							
S O L D I E R S O L D I E R S O L D I E R S		AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469		AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440							
SERIAL NUMBER	PAT NO.	HEAT NUMBER	NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT	YIELD POINT	TENSILE STRENGTH	AFRAC ELONG.	RED.

QUALITY STEEL MELTED &amp; MANUFACTURED IN THE U. S. A.

PLATES - ASTM A516-17 GR 70 PVQ MOD C.20 MAX KLD FINE GRAIN PRAC, ASTM  
A516-17 GR 65 PVQ, ASME SA516 GR 70 PVQ 2019 EDITION, ASME SA516 GR  
65 PVQ 2019 EDITION, FIRST TST AS ROLLED-ADD'L TENSION PER TST PC  
HEAT TREATMENT --- MILL TEST PCS NORM 1650+/-25F FOR 30MIN/IN (30  
MINUTES MIN), AIRCOOL --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1  
10204:2004 TYPE 3.1

NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)

CO# 126304-NY GH 377-1665

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

T650943	821S10640	2	1/4	96	480	6534	55200	76500	8	23
							53800	74000	8	25

(M55)MFST REF#:1

T650944	821S10640	1	1/4	96	480	3267	54100	76500	8	27
							55400	75400	8	26

(M55)MFST REF#:1

T650945	821S10640	2	1/4	96	480	6534	56600	77200	8	25
							54000	73800	8	26

(M55)MFST REF#:1

Q-QUENCH TEMPERATURE	T-TEMPERATURE	N-NORMALIZE TEMPERATURE
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SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS  INCHES	TYPE	SIZE	D I R	TEST TEMP F	CHERRY IMPACT											
										ENERGY FT LBS			SHEAR(%)			LAT. EXP MILS					
										1	2	3	1	2	3	1	2	3	4	5	6

Certified a true copy of the  
original, retained in our file.

AMERICAN ALLOY STEEL

HEAT NUMBER	CHEMICAL ANALYSIS																MOULD GRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Co	N	Sn	

821S10640 .17 1.01 .009 .005 .342.216 .17 .02.003.001.002.025.0002 .002.004.006

I certify that the above results are a true and correct copy of actual results contained in records  
maintained by Cleveland-Cliffs Burns Harbor LLC and are in full compliance with the requirements  
of the specification cited above. This test report cannot be altered and must be transmitted intact  
with any subsequent third party test reports, if required.

SUPV. QUALITY ASSURANCE  
Form BHPLTRPT.TF

FARID HASSANI PER MWT

AMERICAN ALLOY  
PLATE # 024594



05/03/2021 From: AMERICAN ALLOY STEEL, INC.  
P.O.#: 341-1001-NY  
Item: 5 (1 PC) 1/4" X 96" X 480"  
TAG: ROOF

To: INUKSHUK CONSTRUCTION LIMITED  
S.O.#: 677328  
AA PL#: 5238540

Cleveland-Cliffs Burns Harbor LLC  
QUALITY ASSURANCE REPORT OF TEST AND ANALYSIS

US HWY 12 Burns Harbor, Indiana

SHIPMENT NO. 804-27223		DATE SHIPPED 04-03-21		CAR OR VEHICLE NO. CSS-CHGO-CSXT-UTICAIHB 017024	
AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469		AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440			
S E R I A L N O .	S E R I A L N O .	S E R I A L N O .	S E R I A L N O .	S E R I A L N O .	S E R I A L N O .
NO.	PAT.	HEAT	NO.	THICKNESS	WIDTH OR DIA.
NUMBER	NO.	NUMBER	PCS.	INCHES	INCHES

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.  
PLATES - ASTM A516-17 GR 70 PVQ MOD C.20 MAX XLD FINE GRAIN PRAC, ASTM  
A516-17 GR 65 PVQ, ASME SA516 GR 70 PVQ 2019 EDITION, ASME SA516 GR  
65 PVQ 2019 EDITION, FIRST TST AS ROLLED-ADD'L TENSION PER TST PC  
HEAT TREATMENT --- MILL TEST PCS NORM 1650+/-25F FOR 30MIN/IN (30  
MINUTES MIN), AIRCOOL --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1  
10204:2004 TYPE 3.1  
NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)  
CO# 126304-NY GH 377-1665  
MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

HEAT NUMBER	THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT	YIELD POINT	TENSILE STRENGTH	AF FRAC ELONG.	RED.
T650943	821810640	2 1/4	96	480	6534	55200	76500 8	23
(M55)MFST REF#:1						53800	74000 8	25
T650944	821810640	1 1/4	96	480	3267	54100	76500 8	27
(M55)MFST REF#:1						55400	75400 8	26
T650945	821810640	2 1/4	96	480	6534	56600	77200 8	25
(M55)MFST REF#:1						54000	73800 8	26

Q-QUENCH TEMPERATURE T-TEMPERATURE N-NORMALIZE TEMPERATURE

SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS INCHES	TYPE	SIZE	D I R	TEST TEMP F	ENERGY FT LBS			CHARPY IMPACT SHEAR(S)			LAT. EXP			MILS
										1	2	3	1	2	3	1	2	3	
Certified a true copy of the original, retained in our file. AMERICAN ALLOY STEEL Jk 5/3/2021																			
HEAT NUMBER		CHEMICAL ANALYSIS																	
		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Co	N	Sn	MODIFIED GRAIN SIZE	

821810640 .17 1.01 .009 .005 .342.216 .17 .02.003.001.002.025.0002 .002.004.006

I certify that the above results are a true and correct copy of actual results contained in records maintained by Cleveland-Cliffs Burns Harbor LLC and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

SUPV. QUALITY ASSURANCE  
Form BHPLTRPT.TIF

FARID HASSANI PER MWT

AMERICAN ALLOY  
PLATE # 15238540

05/03/2021 From: AMERICAN ALLOY STEEL, INC.

P.O.#: 341-1001-NY

Item: 5 (1 PC) 1/4" X 96" X 480"

TAG: ROOF

S.O.#: 677328

To: INUKSHUK CONSTRUCTION LIMITED

AA PL#: 5238541

### Cleveland-Cliffs Burns Harbor LLC

QUALITY ASSURANCE REPORT OF TEST AND ANALYSIS

US HWY 12 Burns Harbor, Indiana

SHIPMENT NO. <b>804-27223</b>		DATE SHIPPED <b>04-03-21</b>		CAR OR VEHICLE NO. <b>CSS-CHGO-CSXT-UTICAIHB 017024</b>								
AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469		AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440										
S O L D T O	S E R I A L N O.	P A T N O.	H E A T N U M B E R	N O. P C S.	THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT	YIELD POINT	TENSILE STRENGTH	AFFRAC. ELONG.	RED.

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.  
PLATES - ASTM A516-17 GR 70 FVQ MOD C.20 MAX KLD FINE GRAIN PRAC, ASTM  
A516-17 GR 65 FVQ, ASME SA516 GR 70 FVQ 2019 EDITION, ASME SA516 GR  
65 FVQ 2019 EDITION, FIRST TST AS ROLLED-ADD'L TENSION PER TST PC  
HEAT TREATMENT --- MILL TEST PCS NORM 1650+/-25F FOR 30MIN/IN (30  
MINUTES MIN), AIRCOOL --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1  
10204:2004 TYPE 3.1  
NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)

CO# 126304-NY GH 377-1665

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

ITEM	Q-TMP	T-TMP	N-TMP	YIELD	TENSILE	ELONG	RED
T650943	821S10640	2 1/4	96	480	6534	55200	76500 8 23
(M55)MFST REF#:1					53800	74000 8 25	
T650944	821S10640	1 1/4	96	480	3267	54100	76500 8 27
(M55)MFST REF#:1					55400	75400 8 26	
T650945	821S10640	2 1/4	96	480	6534	56600	77200 8 25
(M55)MFST REF#:1					54000	73800 8 26	

Q-QUENCH TEMPERATURE T-TEMPERATURE N-NORMALIZE TEMPERATURE

SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS  INCHES	TYPE	SIZE	D I R	TEST TEMP F	CHABBY IMPACT											
										ENERGY FT LBS			SHEAR(%)			LAT. EXP			MILS		
										1	2	3	1	2	3	1	2	3			

Certified a true copy of the  
original, retained in our file.

AMERICAN ALLOY STEEL

HEAT NUMBER	CHEMICAL ANALYSIS															MOULD GRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Ca	N	Sn

821S10640 .17 1.01 .009 .005 .342.216 .17 .02.003.001.002.025.0002 .002.004.006

I certify that the above results are a true and correct copy of actual results contained in records maintained by Cleveland-Cliffs Burns Harbor LLC and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

SUPV. QUALITY ASSURANCE  
Form BHPLTRPT.11F

FARID HASSANI PER MWT

AMERICAN ALLOY  
PLATE # 5238541



05/03/2021 From: AMERICAN ALLOY STEEL, INC.  
P.O.#: 341-1001-NY  
Item: 5 (1 PC) 1/4" X 96" X 480"  
TAG: ROOF

To: INUKSHUK CONSTRUCTION LIMITED  
AA PL#: 5238542

S.O.#: 677328

Cleveland-Cliffs Burns Harbor LLC  
QUALITY ASSURANCE REPORT OF TEST AND ANALYSIS

US HWY 12 Burns Harbor, Indiana

SHIPMENT NO. 804-27223		DATE SHIPPED 04-03-21		CAR OR VEHICLE NO. CSS-CHGO-CSXT-UTICAIHB 017024							
AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469		AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440									
SERIAL NUMBER	PAT NO.	HEAT NUMBER	NO. PCS.	THICKNESS	WIDTH OR DIA	LENGTH	WEIGHT	YIELD POINT	TENSILE STRENGTH	AF FRAC ELONG	RED.

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.  
PLATES - ASTM A516-17 GR 70 PVQ MOD C.20 MAX KLD FINE GRAIN PRAC, ASTM  
A516-17 GR 65 PVQ, ASME SA516 GR 70 PVQ 2019 EDITION, ASME SA516 GR  
65 PVQ 2019 EDITION, FIRST TST AS ROLLED-ADD'L TENSION PER TST PC  
HEAT TREATMENT --- MILL TEST PCS NORM 1650+/-25F FOR 30MIN/IN (30  
MINUTES MIN), AIRCOOL --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1  
10204:2004 TYPE 3.1  
NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)  
CO# 126304-NY GH 377-1665

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER  
T650943 821S10640 2 1/4 96 480 6534 55200 76500 8 23  
(M55)MFST REF#:1 53800 74000 8 25  
T650944 821S10640 1 1/4 96 480 3267 54100 76500 8 27  
(M55)MFST REF#:1 55400 75400 8 26  
T650945 821S10640 2 1/4 96 480 6534 56600 77200 8 25  
(M55)MFST REF#:1 54000 73800 8 26

Q-QUENCH TEMPERATURE T-TEMPERATURE N-NORMALIZE TEMPERATURE

SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS INCHES	TYPE	SIZE	D I R	TEST TEMP F	CHARPY IMPACT											
										ENERGY FT LBS			SHEAR(%)			LAT. EXP			MILS		
										1	2	3	1	2	3	1	2	3	1	2	3

Certified a true copy of the  
original, retained in our file.  
AMERICAN ALLOY STEEL

HEAT NUMBER	CHEMICAL ANALYSIS																MOULD GRAIN SIZE
	C	Mn	P	S	Si	CU	Ni	Cr	Mo	V	Ti	Al	B	Cb	N	Sn	

821S10640 .17 1.01 .009 .005 .342.216 .17 .02.003.001.002.025.0002 .002.004.006

I certify that the above results are a true and correct copy of actual results contained in records maintained by Cleveland-Cliffs Burns Harbor LLC and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

SUPV. QUALITY ASSURANCE  
Form BHPLTRPT.TIF

FARID HASSANI PER MWT

AMERICAN ALLOY  
STEEL  
PLATE # 5238542

AMERICAN ALLOY STEEL, INC.  
650 Harbor Way  
ROME, NY 13440  
PHONE (315) 371-9055 FAX (315) 336-3529

P A C K I N G L I S T

PACKING LIST NO 713909 S/O NO 677328 DATE: 05/03/2021

SOLD TO: 308500 PHONE: 1-902-429-0272 SHIP TO: 3  
INUKSHUK CONSTRUCTION LIMITED  
1869 UPPER WATER STREET SUITE AH202 3139 BOUL DES ENTREPRISES  
HALIFAX, NS B3J 1S9 TERREBONNE, QC  
J6X 4J9

CUSTOMER BUYER NAME:M.LOSIER

PHONE NO: 1-902-429-0272

CUST PO NUMBER	FOB POINT	SHIP VIA	SHIPPING REF	TERMS	DATE REQ
341-1001-NY	DELIVERED	ITM		PPD	04/06/2021

1 SET OF MTRs IS REQUIRED WITH SHIPMENT

LN#	ITM	QTY	THKNSS	MATERIAL/ITEM DESCRIPTION	UNT	WGT	EXT	WGT
-----	-----	-----	--------	---------------------------	-----	-----	-----	-----

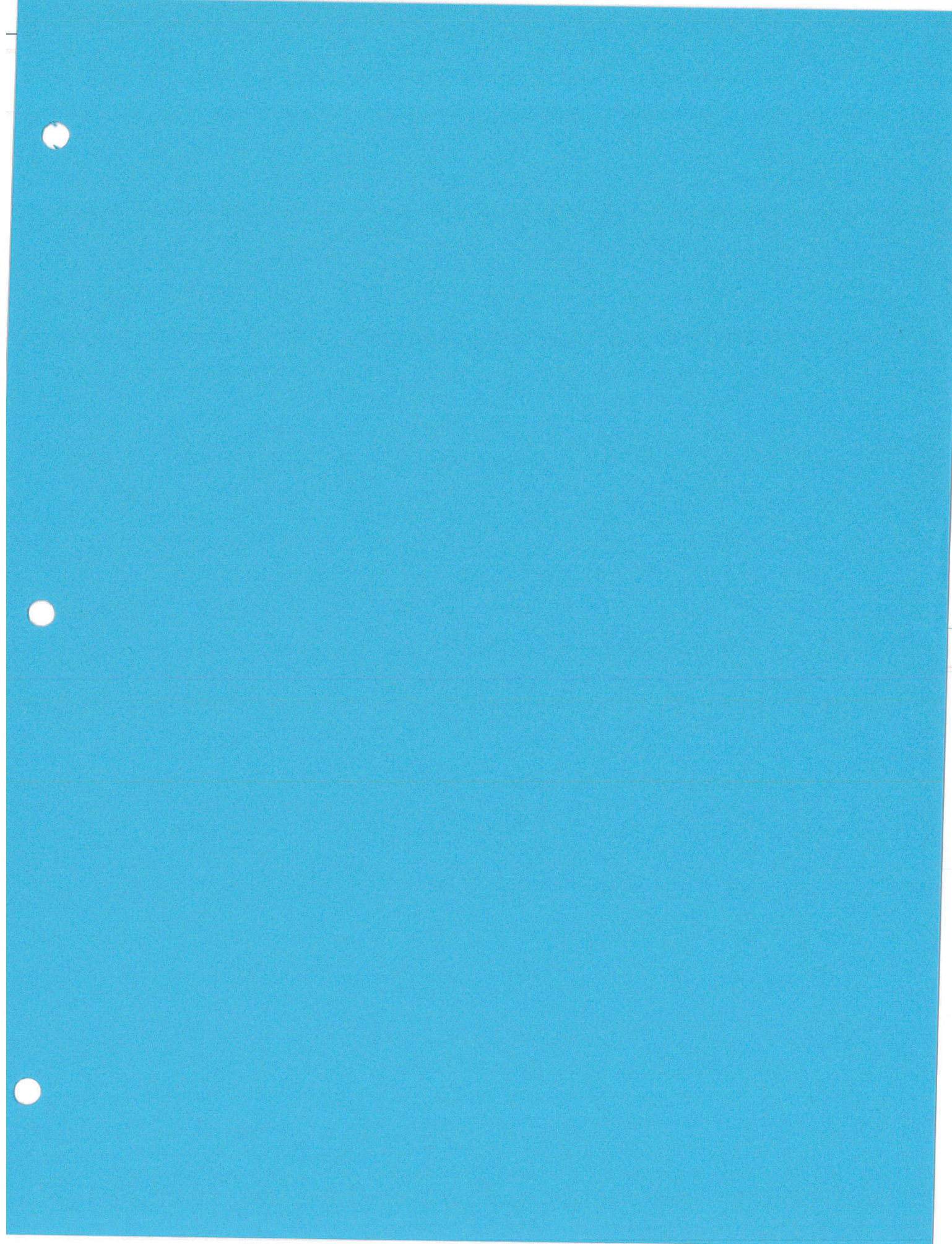
ASME SA 516 GRADE 70,  
KILLED, FINE GRAIN,  
AS ROLLED

1	5	14	1/4"	96" X 480"	3267	45738		
				TAG: ROOF				

Total Pieces on this Packing List 14

Total Weight on this Packing List 45738







CARRIER: ITM

PAGE 1

FROM: AMERICAN ALLOY STEEL, INC.  
6230 N HOUSTON-ROSSLYN  
HOUSTON, TX. 77091  
1-713-462-8081

DATE: 03/08/2021

BILL OF LADING: 678573

CONSIGNEE TO: TECHFORM-MONTAL  
DESTINATION: 3139 BOUL DES ENTREPRISES  
TERREBONNE, QC  
J6X 4J9  
CANADA

CUSTOMS: SEAMONT BROKERAGE  
PH:514-931-0306/FAX:514-363-5564

SUBJECT TO SECTION 7 OF CONDITIONS OF APPLICABLE BILL OF LADING, IF THIS SHIPMENT IS TO BE DELIVERED TO THE CONSIGNEE WITHOUT RECOURSE ON THE CONSIGNOR, THE CONSIGNOR SHALL SIGN THE FOLLOWING STATEMENT: THE CARRIER SHALL NOT MAKE DELIVERY OF THIS SHIPMENT WITHOUT PAYMENT OF FREIGHT AND ALL OTHER LAWFUL CHARGES.

PIRE (M) INVOICE (M) EXPORT (M)

\*\*\* FREIGHT CHARGES: PREPAID

THE PROPERTY DESCRIBED BELOW, IN APPARENT GOOD ORDER, EXCEPT AS NOTED (CONTENTS AND CONDITION OF CONTENTS OF PACKAGES UNKNOWN), MARKED, CONSIGNED, AND DESTINED AS INDICATED BELOW, WHICH SAID CARRIER (THE WORD CARRIER BEING UNDERSTOOD THROUGHOUT THIS CONTRACT AS MEANING ANY PERSON OR CORPORATION IN POSSESSION OF THE PROPERTY UNDER THE CONTRACT) AGREES TO CARRY TO ITS USUAL PLACE OF DELIVERY AT SAID DESTINATION, IF ON ITS ROUTE TO SAID DESTINATION. IT IS MUTUALLY AGREED, AS TO EACH CARRIER OF ALL OR ANY OF SAID PROPERTY OVER ALL OR ANY PORTION OF SAID ROUTE TO DESTINATION, AND AS TO EACH PARTY AT ANY TIME INTERESTED IN ALL OR ANY SAID PROPERTY, THAT EVERY SERVICE TO BE PERFORMED HEREUNDER SHALL BE SUBJECT TO ALL THE TERMS AND CONDITIONS OF THE UNIFORM DOMESTIC STRAIGHT BILL OF LADING SET FORTH (1) IN THE UNIFORM FREIGHT CLASSIFICATION IN EFFECT ON THE DATE HEREOF, IF THIS IS A RAIL OR A RAIL-WATER SHIPMENT, OR (2) IN THE APPLICABLE MOTOR CARRIER CLASSIFICATION OR TARIFF IF THIS IS A MOTOR CARRIER SHIPMENT.

SHIPPER HEREBY CERTIFIES THAT HE IS FAMILIAR WITH ALL THE TERMS AND CONDITIONS OF THE SAID BILL OF LADING, INCLUDING THOSE ON THE BACK THEREOF, SET FORTH IN THE CLASSIFICATION OR TARIFF WHICH GOVERNS THE TRANSPORTATION OF THIS SHIPMENT, AND THE SAID TERMS AND CONDITIONS ARE HEREBY AGREED TO BY THE SHIPPER AND ACCEPTED FOR HIMSELF AND HIS ASSIGNS.

Permanent post-office address of shipper:  
AMERICAN ALLOY STEEL, INC.  
P.O. BOX 40469  
HOUSTON, TX 77240

Load must be secured  
before leaving premises.

Driver Signature/Date

ITM

QTY	DESCRIPTION OF ARTICLES	WGT (LBS)	PL NO	SO NO	PO NO
---	--- C L A S S - 50 S T E E L ---				
11	5/16" X 96" X 480"	44924	708614	677336	341-1001-TX
11	TOTALS	44924			

11 LOOSE STEEL PLATES  
1 ENVELOPE  
ENVELOPE MUST DELIVER WITH FREIGHT

LOADED BY \_\_\_\_\_ DATE \_\_\_\_\_ PER ATTACHED PACKING LIST(S)

RECEIVED BY \_\_\_\_\_ DATE \_\_\_\_\_

Time In: \_\_\_\_\_ Signature: \_\_\_\_\_ Time Out: \_\_\_\_\_ Signature: \_\_\_\_\_



AMERICAN ALLOY STEEL, INC.  
6230 N. Houston-Rosslyn  
HOUSTON, TX 77091  
PHONE (713) 462-8081 FAX (713) 462-0527

## P A C K I N G L I S T

PACKING LIST NO 708614 S/O NO 677336 DATE: 03/02/2021

SOLD TO: 308500 PHONE: 1-902-429-0272 SHIP TO: 3  
INUKSHUK CONSTRUCTION LIMITED  
1869 UPPER WATER STREET SUITE AH202 3139 BOUL DES ENTREPRISES  
HALIFAX, NS B3J 1S9 TERREBONNE, QC  
J6X 4J9

CUSTOMER BUYER NAME:M.LOSIER

PHONE NO: 1-902-429-0272

CUST PO NUMBER	FOB POINT	---	SHIP VIA	--	SHIPPING REF	TERMS	DATE REQ
341-1001-TX	DELIVERED	ITM				PPD	04/05/2021

1 SET OF MTRs IS REQUIRED WITH SHIPMENT

LN#	ITM	QTY	THKNSS	MATERIAL/ITEM DESCRIPTION	UNT	WGT	EXT	WGT
-----	-----	-----	--------	---------------------------	-----	-----	-----	-----

ASME SA 516 GRADE 70,  
KILLED, FINE GRAIN,  
NORMALIZED

1	1	11	5/16"	96" X 480"	4084	44924		
---	---	----	-------	------------	------	-------	--	--

Total Pieces on this Packing List 11

Total Weight on this Packing List 44924



Canada Customs  
and Revenue Agency

Agence des douanes  
et du revenu du Canada

**CANADA CUSTOMS INVOICE**  
**FACTURE DES DOUANES CANADIENNES**

Page  
1 of 1  
de

<b>1. Vendor (name and address) - Vendeur (nom et adresse)</b> American Alloy Steel 230 N. Houston Rosslyn Rd Houston, TX 77091 Tel: (713) 462-8081 Fax: (713) 462-1638		<b>2. Date of direct shipment to Canada - Date d'expédition directe vers le Canada</b> 03/05/2021	
<b>4. Consignee (name and address) - Destinataire (nom et adresse)</b> TECHFORM-MONTAL 3139 BOUL DES ENTREPRISES TERREBONNE, QC J6X 4J9 CANADA		<b>3. Other references (include purchaser's order no.)</b> Autres références (inclure le n° de commande de l'acheteur) PO# 341-1001-TX S/O: 677336	
<b>8. Transportation: Give mode and place of direct shipment to Canada</b> Transport: Précisez model et point d'expédition directe vers le Canada ITM CUSTOMS: SEAMONT BROKERAGE PH#514-931-0306		<b>5. Purchaser's name and address (if other than consignee)</b> Nom et adresse de l'acheteur (s'il diffère du destinataire) AMERICAN ALLOY STEEL 6230 N. HOUSTON ROSSLYN RD. HOUSTON, TX 77091 USA	
<b>11. Number of packages</b> Nombre de colis		<b>6. Country of transshipment - Pays de transbordement</b> USA	
<b>12. Specification of commodities (kind of packages, marks and numbers, general description and characteristics, i.e., grade quality)</b> Désignation des articles (nature des colis, marques et numéros, description générale et caractéristiques, p. ex. classe, qualité) STEEL PLATE 5/16" x 96" x 480" - USA		<b>7. Country of origin of goods</b> Pays d'origine des marchandises USA	
<b>13. Quantity (state unit)</b> Quantité (précisez l'unité) 11		<b>9. Conditions of sale and terms of payment</b> (i.e. Sale, consignment shipment, leased goods, etc.) Conditions de vente et modalités de paiement (p. ex. vente, expédition en consignation, location de marchandises, etc.) SALE	
<b>14. Unit Price</b> Prix unitaire \$3349.00		<b>10. Currency of settlement - Devises du paiement</b> US FUNDS	
<b>15. Total</b> \$36839.00		<b>IF SHIPMENT INCLUDES GOODS OF DIFFERENT ORIGINS AGAINST ITEMS IN 12. SI L'EXPÉDITION COMPREND DES MARCHANDISES D'ORIGINES DIFFÉRENTES, PRÉCISEZ LEUR PROVENANCE EN 12</b>	
<b>16. Total Weight - Poids Total</b> Net 44924 LBS Gross - Brut 44924 LBS		<b>17. Invoice total</b> Total de la facture \$36839.00	
<b>18. If any of fields 1 to 17 are included on an attached commercial invoice, check this box</b> Si tout renseignement relativement aux zones 1 à 17 figure sur une ou des factures commerciales ci-attachées, cochez cette case Commercial Invoice No. / N° de la facture commerciale 3051001-1		<b>20. Originator (name and address) - Expéditeur d'origine (nom et adresse)</b>	
<b>19. Exporter's name and address (if other than vendor)</b> Nom et adresse de l'exportateur (s'il diffère du vendeur)		<b>22. If fields 23 to 25 are not applicable, check this box</b> Si les zones 23 à 25 sont sans objet, cochez cette case <input type="checkbox"/>	
<b>21. CCRA ruling (if applicable) - Décision de l'Agence (s'il y a lieu)</b>		<b>25. Check (if applicable):</b> Cochez (s'il y a lieu): (i) Royalty payments or subsequent proceeds are paid or payable by the purchaser Des redevances ou produits ont été ou seront versés par l'acheteur <input type="checkbox"/> (ii) The purchaser has supplied goods or services for use in the production of these goods L'acheteur a fourni des marchandises ou des services pour la production de ces marchandises <input type="checkbox"/>	
<b>23. If included in field 17 indicate amount:</b> Si compris dans le total à la zone 17, précisez: (i) Transportation charges, expenses and insurance from the place of direct shipment to Canada Les frais de transport, dépenses et assurances à partir du point d'expédition directe vers le Canada (ii) Costs for construction, erection and assembly incurred after importation into Canada Les coûts de construction, d'érection et d'assemblage après importation au Canada (iii) Export packing Le coût de l'emballage d'exportation		<b>24. If not included in field 17 indicate amount:</b> Si non compris dans le total à la zone 17, précisez: (i) Transportation charges, expenses, and insurance from the place of direct shipment to Canada Les frais de transport, dépenses et assurances jusqu'au point d'expédition directe vers le Canada (ii) Amounts for commissions other than buying commissions Les commissions autres que celles versées pour l'achat (iii) Export packing Le coût de l'emballage d'exportation	



AMERICAN ALLOY STEEL, INC.  
 6230 N Houston-Rosslyn  
 P.O. Box 40469  
 HOUSTON, TX 77240-0469  
 PHONE (713) 462-8081 FAX (713) 462-0527

PINVOICE NO. 3051001-1

DATE: 03/05/2021

SHOP ORDER: 677336

ORDER LOC: TX

ORDER DATE: 02/12/2021

SOLD TO: 308500 PHONE: 1-902-429-0272  
 INUKSHUK CONSTRUCTION LIMITED  
 1869 UPPER WATER STREET SUITE AH202  
 HALIFAX, NS B3J 1S9  
 CANADA  
 FAX: 1-902-429-7762

SHIP TO: 3  
 TECHFORM-MONTAL  
 3139 BOUL DES ENTREPRISES  
 TERREBONNE, QC  
 J6X 4J9  
 CANADA

CUST PO NO  
 341-1001-TX

BUYER NAME  
 M.LOSIER

---SALESMEN---  
 FCL/SEL/ /CAN

FOB POINT  
 DELIVERED

SHIP VIA  
 ITM

TERMS  
 PPD

FED ID  
 74-1688398

SHIPPING REF

MTRs REQD W/INV W/SHP  
 0 1

SHIP WGT  
 44924

PARTIAL OK  
 N

REQD SHIP  
 04/05/2021

ITEM	QTY	THKNSS	MATERIAL/ITEM DESCRIPTION	PRC EACH	PRC EXTD
1	11	5/16"	96" X 480"	3349.00	36839.00

TOTAL AMOUNT (excl applicable taxes)

36839.00 USD

Please examine the above carefully and notify your American Alloy Steel salesman of any changes, otherwise the order will be shipped as shown.

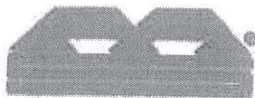
**UNITED STATES-MEXICO-CANADA AGREEMENT (USMCA)  
CERTIFICATE OF ORIGIN**

<b>1. CERTIFIER NAME AND ADDRESS:</b>  DANIEL VENEGAS 6230 NORTH HOUSTON ROSSLYN ROAD HOUSTON, TX 77040  TEL: 713-462-8081    EMAIL: DANIEL@AASTEEL.COM TAX ID NUMBER: 1-74-1688398-5		<b>2. EXPORTER NAME AND ADDRESS:</b>  AMERICAN ALLOY STEEL, INC. 6230 NORTH HOUSTON ROSSLYN ROAD HOUSTON, TX 77040  TEL: 713-462-8081    FAX: 713-462-1638 TAX ID NUMBER: 1-74-1688398-5		
<b>3. PRODUCER NAME AND ADDRESS:</b>  NUCOR PLATE MILL P.O. BOX 279 WINTON, NC 27986 USA  TEL: N/A                      EMAIL: N/A TAX ID NUMBER: N/A		<b>4. IMPORTER NAME AND ADDRESS:</b>  AMERICAN ALLOY STEEL  6230 N. HOUSTON ROSSLYN RD. HOUSTON, TX 77091 USA  TEL: N/A                      EMAIL: N/A TAX ID NUMBER: N/A		
<b>5. DESCRIPTION OF GOOD(S):</b> STEEL PLATE  SO# <u>677336</u> PO# <u>341-1001-TX</u>		<b>6. H.S. TARIFF CLASSIFICATION NUMBER</b>	<b>7. ORIGIN CRITERION</b>	<b>8. COUNTRY OF ORIGIN</b>
ITEM# 1 - 9 PCS                      5/16" x 96" x 480"		7208.51.0030	B	USA
I CERTIFY THAT:  -THE GOODS DESCRIBED IN THIS DOCUMENT QUALIFY AS ORIGINATING AND THE INFORMATION CONTAINED IN THIS DOCUMENT IS TRUE AND ACCURATE. I ASSUME RESPONSIBILITY FOR PROVING SUCH REPRESENTATIONS AND AGREE TO MAINTAIN AND PRESENT UPON REQUEST OR TO MAKE AVAILABLE DURING A VERIFICATION VISIT, DOCUMENTATION NECESSARY TO SUPPORT THIS CERTIFICATION.  -THIS CERTIFICATE CONSISTS OF ____ PAGES, INCLUDING ALL ATTACHMENTS.				
<b>7. CERTIFIER'S SIGNATURE:</b> <i>Daniel Venegas</i>		COMPANY NAME: AMERICAN ALLOY STEEL, INC.		
CERTIFIER'S NAME: DANIEL VENEGAS		CERTIFIER'S TITLE: Traffic Coordinator		
DATE: 03/05/2021		CERTIFIER TYPE (IMPORT, EXPORTER, PRODUCER): EXPORTER		



**UNITED STATES-MEXICO-CANADA AGREEMENT (USMCA)  
CERTIFICATE OF ORIGIN**

<b>1. CERTIFIER NAME AND ADDRESS:</b> DANIEL VENEGAS 6230 NORTH HOUSTON ROSSLYN ROAD HOUSTON, TX 77040 TEL: 713-462-8081 EMAIL: DANIEL@AASTEEL.COM TAX ID NUMBER: 1-74-1688398-5		<b>2. EXPORTER NAME AND ADDRESS:</b> AMERICAN ALLOY STEEL, INC. 6230 NORTH HOUSTON ROSSLYN ROAD HOUSTON, TX 77040 TEL: 713-462-8081 FAX: 713-462-1638 TAX ID NUMBER: 1-74-1688398-5		
<b>3. PRODUCER NAME AND ADDRESS:</b> ARCELORMITTAL BURNS HARBOR PLATE US HWY 12 BURNS HARBOR, IN USA TEL: N/A EMAIL: N/A TAX ID NUMBER: N/A		<b>4. IMPORTER NAME AND ADDRESS:</b> AMERICAN ALLOY STEEL 6230 N. HOUSTON ROSSLYN RD. HOUSTON, TX 77091 USA TEL: N/A EMAIL: N/A TAX ID NUMBER: N/A		
<b>5. DESCRIPTION OF GOOD(S):</b> STEEL PLATE SO# <u>677336</u> PO# <u>341-1001-TX</u>		<b>6. H.S. TARIFF CLASSIFICATION NUMBER</b>	<b>7. ORIGIN CRITERION</b>	<b>8. COUNTRY OF ORIGIN</b>
ITEM# 1 - 2 PCS                      5/16" x 96" x 480"		7208.51.0030	B	USA
I CERTIFY THAT: -THE GOODS DESCRIBED IN THIS DOCUMENT QUALIFY AS ORIGINATING AND THE INFORMATION CONTAINED IN THIS DOCUMENT IS TRUE AND ACCURATE. I ASSUME RESPONSIBILITY FOR PROVING SUCH REPRESENTATIONS AND AGREE TO MAINTAIN AND PRESENT UPON REQUEST OR TO MAKE AVAILABLE DURING A VERIFICATION VISIT, DOCUMENTATION NECESSARY TO SUPPORT THIS CERTIFICATION. -THIS CERTIFICATE CONSISTS OF ____ PAGES, INCLUDING ALL ATTACHMENTS.				
<b>CERTIFIER'S SIGNATURE:</b> <i>Daniel Venegas</i>		COMPANY NAME: AMERICAN ALLOY STEEL, INC.		
CERTIFIER'S NAME: DANIEL VENEGAS		CERTIFIER'S TITLE: Traffic Coordinator		
DATE: 03/05/2021		CERTIFIER TYPE (IMPORT, EXPORTER, PRODUCER): EXPORTER		



# AMERICAN ALLOY STEEL, INC.

6230 N. HOUSTON ROSSLYN ROAD

HOUSTON, TEXAS 77091

Phone: 713-462-8081 Fax: 713-462-8209

M.T.R. COVER SHEET

03/05/2021

Customer Name : INUKSHUK CONSTRUCTION LIMITED

Address :

City, State Zip : HALIFAX, NS B3J 1S9

Attention : M.LOSIER

Phone Number : 1-902-429-0272

Reference Number : 677336

Notes 1 : P.O. NO. 341-1001-TX

Control Number: 1088263

Quoted By : Alex Garza

Page Number : 1

Total Pages : 26

Fax Number : 1-902-429-7762

THE INFORMATION YOU REQUESTED IS ATTACHED.  
THANK YOU FOR YOUR BUSINESS !

AASI PLATE NUMBER

HEAT # / SLAB #

MILL

5236104

813S60780 T030117

MITTAL

5236105

813S60780 T030115

MITTAL

5237388

0604883 06

NUCOR PLATE

5237389

0602533 08

NUCOR PLATE

5237390

1600012 02

NUCOR PLATE

5237391

1600011 08

NUCOR PLATE

5237392

1600011 08

NUCOR PLATE

5237393

0602533 08

NUCOR MILL

5237394

1600012 03

NUCOR MILL

5237395

1600012 03

NUCOR MILL

5237396

0602533 08

NUCOR MILL



03/05/2021 From: AMERICAN ALLOY STEEL, INC.

To: INUKSHUK CONSTRUCTION LIMITED

P.O.#: 341-1001-TX

S.O.#: 677336

AA PL#: 5236104

Item: 1 (1 PC) 5/16" X 96" X 480"

## ArcelorMittal Burns Harbor Plate

SHIPMENT NO. 803-69103		DATE SHIPPED 01-28-21		CAR OR VEHICLE NO. IHB-MCCOO-BNSF		LMIC 007204		US HWY 12 Burns Harbor, Indiana					
AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469				AMERICAN ALLOY STEEL INC BNSF TR# 7226 MILE 66.4 LN SEG 492 6230 N HOUSTON ROSSLYN RD HOUSTON TX 77091-3410									
S O L D I D O	N O T E	SERIAL NUMBER	PAT NO.	HEAT NUMBER	NO. PCS.	SIZE AND QUANTITY				YIELD POINT	TENSILE STRENGTH	AF FRAC. ELONG.	RED.
						THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT				

QUALITY STEEL MELTED &amp; MANUFACTURED IN THE U. S. A.

PLATES - ASTM A516-17 GR 70 PQV KLD FINE GRAIN PRAC, ASTM A516-17 GR 65 PQV,  
ASTM A516-17 GR 60 PQV, ASME SA516 GR 70 PQV 2019 EDITION, ASME  
SA516 GR 65 PQV 2019 EDITION, ASME SA516 GR 60 PQV 2019 EDITION,  
CH-V SA2085 PLT L 15/12 FTLBS AT -50F, VACUUM DEGAISED --- PLT  
NORMALIZED & COOLED IN STILL AIR --- IN ACCORDANCE WITH EN  
10204:2004 TYPE 3.1 10204:2004 TYPE 3.1  
NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)

CO# 125823 GR 377-1561A

PLATES HEAT TREATED - TEST SPECIMENS ATTACHED & YIELD STRENGTH @ .5% EUL  
MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

T030115	813860780	2	5/16	96	480	8168	55800	76800	8	25
N 1650 DEG F - 15 MIN										

(M55)MFST REF#:2

T030116	813860780	1	5/16	96	480	4084	53400	75300	8	26
N 1650 DEG F - 15 MIN										

(M55)MFST REF#:2

T030117	813860780	2	5/16	96	480	8168	56400	77100	8	25
N 1650 DEG F - 15 MIN										

(M55)MFST REF#:2

Q-QUENCH TEMPERATURE

T-TEMPERATURE

N-NORMALIZE TEMPERATURE

SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD SHN	BEND	THICKNESS INCHES	TYPE	SIZE	DIN	TEST TEMP	CHAMPI IMPACT								
										ENERGY FT LBS			SHEAR(%)			LAT. EXP		
T030115		813860780			.312	V	2/3 L	-50	73	87	65	1	2	3	1	2	3	
T030116		813860780			.312	V	2/3 L	-50	119	77	81							
T030117		813860780			.312	V	2/3 L	-50	122	74	39							

Certified a true copy of the original, retained in our file.

Certified a true copy of the  
original, retained in our file.

AMERICAN ALLOY STEEL, INC.

Reviewed By:

D03151n

HEAT NUMBER	CHEMICAL ANALYSIS														SQUAD GRAIN SIZE
	C	Mn	P	S	Si	CU	NI	Cr	Mo	V	Ti	N	S	Co	
813860780	.17	1.08	.013	.004	.343	.212	.17	.03	.006	.002	.002	.039	.0002	.002	.003

I certify that the above results are a true and correct copy of actual results contained in records maintained by ArcelorMittal Burns Harbor and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

BNPLTRPT.TIF

SUPV. QUALITY ASSURANCE

FARID HASSANI

PER

MWT

AMERICAN ALLOY  
PLATE # 5236104

03/05/2021 From: AMERICAN ALLOY STEEL, INC.

To: INUKSHUK CONSTRUCTION LIMITED

P.O.#: 341-1001-TX

S.O.#: 677336

AA PL#: 5236105

Item: 1 (1 PC) 5/16" X 96" X 480"

## ArcelorMittal Burns Harbor Plate

QUALITY ASSURANCE  
REPORT OF TEST AND ANALYSES

US HWY 12 Burns Harbor, Indiana

SHIPMENT NO. 803-69103		DATE SHIPPED 01-28-21		CAR OR VEHICLE NO. IHS-MCCOO-BNSF		LMIC 007204						
AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469				AMERICAN ALLOY STEEL INC BNSF TR# 7226 MILE 66.4 LN SEG 492 6230 N HOUSTON ROSSLYN RD HOUSTON TX 77091-3410								
S H I P T O	S E R I A L N O	P A T N O	H E A T N O	N O. P C S	SIZE AND QUANTITY				Y I E L D P O I N T	T E N S I L E S T R E N G T H	A F F R A C E L O N G	R E D.
					THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT				

QUALITY STEEL MELTED &amp; MANUFACTURED IN THE U. S. A.

PLATES - ASTM A516-17 GR 70 PVQ KLD FINE GRAIN FRAC, ASTM A516-17 GR 65 PVQ,  
ASTM A516-17 GR 60 PVQ, ASME SA516 GR 70 PVQ 2019 EDITION, ASME  
SA516 GR 65 PVQ 2019 EDITION, ASME SA516 GR 60 PVQ 2019 EDITION,  
CH-V SA2085 PLT L 15/12 FT LBS AT -50F, VACUUM DEGASSED --- PLT  
NORMALIZED & COOLED IN STILL AIR --- IN ACCORDANCE WITH EN  
10204:2004 TYPE 3.1 10204:2004 TYPE 3.1

NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)

CO# 125823 GR 377-1561A

PLATES HEAT TREATED - TEST SPECIMENS ATTACHED &amp; YIELD STRENGTH @ .5% EUL

MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER

T030115	813860780	2	5/16	96	480	8168	55800	76800	8	25
---------	-----------	---	------	----	-----	------	-------	-------	---	----

N 1650 DEG F - 15 MIN

(M55)MFST REF#:2

T030116	813860780	1	5/16	96	480	4084	53400	75300	8	26
---------	-----------	---	------	----	-----	------	-------	-------	---	----

N 1650 DEG F - 15 MIN

(M55)MFST REF#:2

T030117	813860780	2	5/16	96	480	8168	56400	77100	8	25
---------	-----------	---	------	----	-----	------	-------	-------	---	----

N 1650 DEG F - 15 MIN

(M55)MFST REF#:2

Q-QUENCH TEMPERATURE

T-TEMPERATURE

N-NORMALIZE TEMPERATURE

SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS INCHES	TYPE	SIZE	DIN	TEST TEMP	CHARPY IMPACT									
										ENERGY FT LBS			SHEAR (%)			LAT. EXP			MILS
T030115		813860780			.312	V	2/3	L	-50	73	87	65	1	2	3	1	2	3	
T030116		813860780			.312	V	2/3	L	-50	119	77	81							
T030117		813860780			.312	V	2/3	L	-50	122	74	39							

Certified a true copy of the  
original, retained in our file.

AMERICAN ALLOY STEEL, INC.

Reviewed By:

D03151n

HEAT NUMBER	CHEMICAL ANALYSIS															LIQUID GRAIN SIZE
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Co	N	Sn
813860780	.17	1.08	.013	.004	.343	.212	.17	.03	.006	.002	.002	.039	.0002	.002	.003	.003

I certify that the above results are a true and correct copy of actual results contained in records maintained by ArcelorMittal Burns Harbor and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

BHP.LTRPT.TIF

SUPV. QUALITY ASSURANCE

FARID HASSANI

PER

MWT

AMERICAN ALLOY  
PLATE # 5236105



TO: INUKSHUK CONSTRUCTION LIMITED

P.O.#: 341-1001-TX

S.O.#: 677336

AA PL#: 5237388

Item: 1 (1 PC) 5/16" X 96" X 480"

# SCORER

## PLATE MILL

**P.O.Box 279  
Winton, NC 27988  
(252) 356-3700**

# Mill Test Report

**Examination Date :**

**Vehicle No:** **1TPX 204057**

BL No.: 578134

Load No. : 5012

Our Order No.: 12401074

### Specification

ASTM A516 706580-17/A8

## Marketing

125023

Normalized Plate Reactivity (NPR) 1.7 (0.65-3.0) PVQ 2019/2017  
Section 2.1.2 Compliant (2015) 13.1, 13.1.2 Vacuum Degassed  
125008

PO BOX 40499  
NORTH HOLSTON, TX 77061

**Ship To: AMERICAN ALLOY STEEL**

**1505 River Rd  
Coffield, NC 27822  
(282) 356-3700**

AMERICAN ALLOY  
PLATE # 523788  
NUCOR

It's Our Nature.

Heat No	C	Wt	P	S	SI	Ca	Mn	Cr	Mo	Alloy	V	Nb	Ti	Ni	Cu	B	Sb	Cong	Pom
0802533-08	0.19	1.06	0.012	0.001	0.22	0.13	0.09	0.07	0.01	0.024	0.005	0.002	0.002	0.0049	0.0014	0.0001	0.009	0.40	0.27
0804833-08	0.16	1.06	0.005	0.002	0.20	0.16	0.09	0.08	0.02	0.026	0.006	0.001	0.003	0.0050	0.0023	0.0001	0.008	0.40	0.28
	Plaste Service No	Pieces	Tons		Dr.	Yield (ksi)	Tensile (ksi)	Elong. % in 2"	Elong. % in 8"	Tensile Test									
0802533-08	1	2.04	H-T	52,800	76,700	38.5													
0804833-08	2	2.04	H-T	52,800	76,700	38.5													
										Norm (°F)	Time (hr)	Temper (°F)	Time (min)						
										1650	16								

[illegible]

HOT ROLLED CARBON STEEL PLATE  
TEST COUPONS TAKEN FROM HEAT TREATED PLATE  
Pulse frequency arbitrary.

[illegible]

11/2 Percent 1, 1/2% 4.3 Complaint.  
 3.1(2005) complaint. For ABS  
 guides only, Quality Assurance certificate QA-3824305

We hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material transfer activity are in compliance with the applicable specifications, including customer specifications.

Certified a true copy of the original, retained in our file.  
AMERICAN ALLOY STEEL  
Jr 11251201

T. A. Deparis, Notary

1/2/2021 3:02:49 PM

03/05/2021 From: AMERICAN ALLOY STEEL, INC.

P.O.#: 341-1001-TX

Item: 1 (1 PC) 5/16" X 96" X 480"

To: INUKSHUK CONSTRUCTION LIMITED

S.O.#: 677336

AA PL#: 5237389

**NUCOR**P.O. Box 278  
Winston, NC 27066  
(252) 356-3700**Mill Test Report****AMERICAN ALLOY**  
PLATE # 215184**NUCOR**  
It's Our Nature.1505 River Rd  
Coffield, NC 27022  
(252) 356-3700

Issuing Date: 01/02/2021

Vehicle No: TTPX 804057

Specification:

0.3125" x 96.000" x 480.000"

ASTM A516 Grade 60-70/ASME SA516-70/ASME P.9 Q.2810/2017

Normalized Plate NUCEN R0175 Annex 2.1.2 (2015), NUC100 (2016)

Section 2.1.2 Compliant (2015) 13.1.1, 13.1.2 Vacuum Degassed

Marking: 125000

Load No.: 591370

Sold To:

AMERICAN ALLOY STEEL, INC.  
6230 N HOUSTON ROSS LN RD  
PO BOX 40469  
NORTH HOUSTON, TX 77061

Our Order No.: 184016/1

Cast. Order No.: 125888

Ship To:

AMERICAN ALLOY STEEL  
6230 N HOUSTON ROSS LN RD  
NILE 5604 LN SSS 492  
NORTH HOUSTON, TX 77061

Heat No	C	Mn	P	S	Si	Cu	NI	Cr	Mo	Alloy	V	Nb	Ti	N	Ca	B	Sn	Ceq	Pcm
0802533-08	0.19	1.08	0.012	0.001	0.22	0.13	0.09	0.07	0.01	0.024	0.005	0.002	0.002	0.0049	0.0014	0.0001	0.009	0.40	0.27
0804883-08	0.18	1.05	0.008	0.002	0.20	0.18	0.09	0.09	0.02	0.036	0.008	0.001	0.003	0.0060	0.0023	0.0001	0.008	0.40	0.25

Plate Serial No	Pieces	Tons	Dr.	Yield (ksi)	Tensile (ksi)	Elong. % in 2"	Elong. % in 8"	Norm (°F)	Heat Treat	Time (min)	Temper (°F)	Time (min)
0802533-08	1	2.04	H-T	62,800	76,700	38.5		1650	16			
0804883-08	2	4.08	H-T	51,500	74,000	38.6		1650	16			

Plate Serial No	Pieces	Tons	Dr.	Absorbed Energy (ft-lbs)	Charpy Impacts	Shear (%)	Min	Temp (°F)	Size
0802533-08	1	2.04	H-L	91.7	102.0	111.0	101.8	15	-50 10mm
0804883-08	2	4.08	H-L	33.2	43.0	44.1	40.1	15	-50 10mm

**HOT ROLLED CARBON STEEL PLATE**  
**TEST COUPONS TAKEN FROM HEAT TREATED PLATE**

Place frequency change:

Material subjected to fully directed grain practice by Electric Arc Furnace. Welding or weld repair was not performed on this material. Material has not been used in the direct mineral testing of this material. Produced as continuous cast discrete plate, unless otherwise noted. Yield by 0.2%EL. Method unless otherwise specified. Ceq = C + Mn/6 + (Cr + Mo + V)/5 + (Cu + Ni)/15

Form = C + (S/20) + (Mn/20) + (Cr/20) + (Ni/60) + (V/10) + (P/10) + (B/10)

Milled and Annealed in the USA, ISO 9001:2015 certified, PED 97/23/EC 7/2 Annex 1, Para. 4.3 Compliant.

DIN 50049 3.1, BEN 10204 3.1, PED 2004, DIN EN 10204 2.1 (2006) compliant. For ABS grades only, Quality Assurance certificate QA-3024366

We hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material supplier are in compliance with the applicable specifications, including customer specifications.

Certified a true copy of the  
original, retained in our file.  
**AMERICAN ALLOY STEEL**  
*It's Our Nature*

T. A. Deparis, Manager

1/12/2021 3:02:48 PM



03/05/2021 FROM: AMERICAN ALLOY STEEL, INC.

P.O.#: 341-1001-TX

S.O.#: 677336

TO: INUKSHUK CONSTRUCTION LIMITED

AA PL#: 5237390

Item: 1 (1 PC) 5/16" X 96" X 480"

**NUCOR**P.O. Box 278  
Winston, NC 27386  
(252) 356-5700**Mill Test Report**1605 River Rd  
Cofield, NC 27922  
(252) 356-5700**AMERICAN ALLOY**  
PLATE # 5237390**NUCOR**  
In Our Name

Testing Date:

01/17/2021

BL No.: 578490

Lead No.: 592195

Our Order No.: 1540104

Ship To:

AMERICAN ALLOY STEEL  
6230 N HOUSTON ROSS LN RD  
RNOF TR # 7728  
MILE 664 LN SEG 482  
NORTH HOUSTON, TX 77061

Vehicle No:

ALY 91698

Specification:

0.3125" x 96.000" x 480.000"  
ASTM A516 70/82/90-17/1A SM/ES/AS16-70/82/90 PYQ 20182017  
Normalized Plate NACEM/R0175 Annex 2.1.2 (2016), MRO103 (2010)  
Section 2.1.2 Compliant (2015) 12.1.1, 13.1.2 Vacuum Degassed

Solid To:

AMERICAN ALLOY STEEL, INC  
6230 N HOUSTON ROSS LN RD  
PO BOX 40489  
NORTH HOUSTON, TX 77061

Marking:

125998

Heat No

C

Mn

P

S

Si

Cu

Ni

Cr

Mo

Alloy

V

Nb

Ti

N

Ca

B

Sh

Ceq

Pen

1600011

0.18

1.04

0.011

0.001

0.18

0.23

0.09

0.12

0.02

0.027

0.004

0.003

0.002

0.0048

0.0015

0.0003

0.0003

0.009

0.42

0.27

0.28

1600012

0.18

1.04

0.008

0.001

0.17

0.22

0.10

0.09

0.02

0.033

0.004

0.003

0.002

0.0089

0.0021

0.0003

0.009

0.40

0.28

Plate Serial No

1600011-08

2

4.08 H-T

53,900

78,200

37.6

1650

16

1600012-02

1

2.04 H-T

54,800

79,900

37.2

1650

16

1600011-08

2

4.08 H-L

31.0

29.7

30.7

30.5

15

1600012-02

1

2.04 H-L

31.2

33.6

30.4

31.7

15

Plate Serial No

1600011-08

2

4.08 H-L

31.0

29.7

30.7

30.5

15

1600012-02

1

2.04 H-L

31.2

33.6

30.4

31.7

15

1600011-08

2

4.08 H-L

31.0

29.7

30.7

30.5

15

1600012-02

1

2.04 H-L

31.2

33.6

30.4

31.7

15

Plate Serial No

1600011-08

2

4.08 H-L

31.0

29.7

30.7

30.5

15

1600012-02

1

2.04 H-L

31.2

33.6

30.4

31.7

15

1600011-08

2

4.08 H-L

31.0

29.7

30.7

30.5

15

1600012-02

1

2.04 H-L

31.2

33.6

30.4

31.7

15

Plate Serial No

1600011-08

2

4.08 H-L

31.0

29.7

30.7

30.5

15

1600012-02

1

2.04 H-L

31.2

33.6

30.4

31.7

15

1600011-08

2

4.08 H-L

31.0

29.7

30.7

30.5

15

1600012-02

1

2.04 H-L

31.2

33.6

30.4

31.7

15

HOT ROLLED CARBON STEEL PLATE

TEST COUPONS TAKEN FROM HEAT TREATED PLATE

Please frequency change:

Heat treated to fully killed fine grain practice by Electric Arc Furnace. Welding or used repair was not performed on this material. Macro has not been used in the effort of manual testing of this material. Produced as continuous cast discrete plate, unless otherwise noted. Yield by 0.5% U.L. method unless otherwise specified. Ceq = C+(Mn/6)+(Cr+Mo+V)/5+(Cu+Ni)/15

Form = C+(S/30)+(Al/20)+(Cu/20)+(Ni/50)+(Cr/20)+(Mn/15)+(V/10)+S

Heat treated and manually tested in the USA. ISO 9001:2015 certified. PED 97/23/EC 71/2 Annex 1, Para. 4.3 Compliant.

DIN 50049 3.1, B/EN 10204 3.1B/EN 10204 3.1(2009) compliant. For ABS grades only. Quality Assurance certificate QA-3024385

We hereby certify that the contents of this report are accurate and correct. All test results and specifications performed by the material manufacturer are in compliance with the applicable specifications, including customer specifications.

Certified a true copy of the  
original, retained in our file.  
AMERICAN ALLOY STEEL  
Jr 2/12/2021

T. A. Deparis, Manager

4/17/2021 10:03:28 AM

P.O.#: 341-1001-TX

S.O.#: 677336

AA PL#: 5237391

Item: 1 (1 PC) 5/16" X 96" X 480"

**SCOR**  
**PLATE MILL**

**P.O. Box 279  
Whitton, NC 27885  
(252) 366-3700**

# Mill Test Report

**1505 River Rd.  
Coffield, NC 27822  
(252) 286-5700**

AMERICAN ALLIANCE  
LATE #2237391

**It's Our Nature.**

It's Our Nature.

### Essential Data:

01/11/2021

ERL No.: 579489

Load No.: 502195

Order No.: 12401061

Cust. Order No.: 126988

**Spacelife**

0.3125" x 96.000" x 480.000"

AS 1617/2016/17/ANSES.S.5.6-TURKEY PV.Q.2016/2017  
Notified Pato HACEMR0175 Annex 2.1.2 (2015), MR0108 (2010)  
Section 2.1.2 Compliant (2015) 13.1.1, 13.1.2) Vacuum Degassed

PO BOX 40480  
NORTH HOUSTON, TX 77064

**Ship To:**

**AMERICAN ALLOY STEEL**

**Marketing: 125000**

[illegible][illegible]

**HOT ROLLED CARBON STEEL PLATE  
TEST COUPONS TAKEN FROM HEAT TREATED PLATE  
Place frequency chart by**

Certified a true copy of the original, retained in our file.  
AMERICAN ALLOY STEEL  
J.R. 2/12/2021

[illegible]

We hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material proof actuator are in compliance with the applicable specifications, including customer specifications.

T. A. Depress, Metallurgist

1/17/2021 10:03:29 AM



03/05/2021 From: AMERICAN ALLOY STEEL, INC.

To: INUKSHUK CONSTRUCTION LIMITED

P.O.#: 341-1001-TX

S.O.#: 677336

AA PL#: 5237392

Item: 1 (1 PC) 5/16" X 96" X 480"

**NUCOR**  
PLATE MILLP.O. Box 278  
Winston, NC 27906  
(252) 356-3700

## Mill Test Report

1506 River Rd  
Coffield, NC 27922  
(252) 356-3700**AMERICAN ALLOY**  
LATE #5237392  
**NUCOR**  
It's Our Nature

## Issuing Date:

Vehicle No:

## Specification:

Marking:

EPL No.: 570400

Load No.: 592195

Sold To:

ASTM A516 T04250-17/A516 T04250-17  
Normalized Plate M/CEN10175 Annex 2.1.2 (2015), M/R0103 (2010)  
Section 2.1.2 Compliant (2015) 13.1, 13.1.2 Vacuum DegassedAMERICAN ALLOY STEEL, INC.  
6230 N HOLSTON ROSS LN RD  
PO BOX 4040  
NORTH HOLSTON, TX 77061

Cust. Order No.: 125906

Ship To:

AMERICAN ALLOY STEEL  
6230 N HOLSTON ROSS LN RD  
PO BOX 4040  
NORTH HOLSTON, TX 77061

Heat No	C	Mn	P	S	Si	Cu	NI	Cr	Mo	Alloy	V	Nb	Ti	N	Ca	B	Sn	Ceq	Pcm
1600011-08	0.19	1.04	0.014	0.001	0.19	0.23	0.09	0.12	0.02	0.027	0.004	0.003	0.002	0.0048	0.0015	0.0003	0.009	0.42	0.27
1600012-02	0.19	1.04	0.009	0.001	0.17	0.22	0.10	0.09	0.02	0.033	0.004	0.003	0.002	0.0096	0.0021	0.0003	0.009	0.40	0.26

1600011-08 2 4.08 H-T 53,800 76,200 37.6  
1600012-02 1 2.04 H-T 54,800 79,900 37.2

1650 16

1650 16

Plate Serial No	Pieces	Tons	Dir.	Yield (ksi)	Tensile (ksi)	Elong. % in 2"	Elong. % in 8"	Charpy Impact	Temp (°F)	Time (min)
Dir.	1	2	3	Ave	Min	1	2	3	Ave	Min
1600011-08	2	4.08 H-L	31.0	29.7	30.7	30.5	15			
1600012-02	1	2.04 H-L	31.2	33.6	30.4	31.7	15			

-50 50mm

-50 10mm

HOT ROLLED CARBON STEEL PLATE  
TEST COUPONS TAKEN FROM HEAT TREATED PLATE  
Pieces frequency change:

Material received to fully meet the grain practice by Electric Arc Furnace. Welding or weld repair was not performed on this material. Material has not been used in the direct manufacturing of the material. Produced as continuous cast discrete plate, unless otherwise noted. In Special Location. For Material Information: www.americanalloy.com  
Valid by 0.65% method unless otherwise specified. Ceq = C + 0.5(Mn) + 0.01(Si) + 0.01(Mo) + 0.01(Nb) + 0.01(V) + 0.01(B)  
Pcm = C + 0.5(Mn) + 0.01(Si) + 0.01(Mo) + 0.01(Nb) + 0.01(V) + 0.01(B)  
Manufactured in the USA, ISO 9001:2015 certified, PED 97/23/EC 772 Annex 1, Para. 4.3 Compliant.  
DIN 50046 3.1, EN 10024 3.1, EN 10204 3.1(2004), DIN EN 10204 3.1(2004) compliant. For AISI grades only, Quality Assurance certificate QA-3824066

We hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with the applicable specifications, including customer special requests.

Certified a true copy of the original, retained in our file.  
**AMERICAN ALLOY STEEL**  
JL 2/12/2021

T. A. Dugan, Manager

1/17/2021 10:03:23 AM

03/05/2021 From: AMERICAN ALLOY STEEL, INC.

To: INUKSHUK CONSTRUCTION LIMITED

P.O.#: 341-1001-TX

S.O.#: 677336

AA PL#: 5237393

Item: 1 (1 PC) 5/16" X 96" X 480"

**NUCOR**P.O. Box 279  
Winston, NC 27086  
(252) 356-5700**Mill Test Report**1505 River Rd  
Coffield, NC 27922  
(252) 356-5700**AMERICAN ALLOY**  
PLATE #5237393

It's Our Nature.

Issuing Date: 01/24/2021

BL No.: 560221

Load No.: 563433

Our Order No.: 1640701

Quat. Order No.: 125998

Vehicle No: TTPX 81308

Sold To:

AMERICAN ALLOY STEEL, INC.  
6220 N HOUSTON ROSS, LN RD  
PO BOX 4048  
NORTH HOUSTON, TX 77061

Ship To:

AMERICAN ALLOY STEEL  
6220 N HOUSTON ROSS, LN RD  
PO BOX 4048  
NORTH HOUSTON, TX 77061

Specification:

0.3125" x 96.000" x 480.000"  
ASTM A516 TR8400-17A SAE SA516-70 S660 PYQ 20192017  
Normalized Plate MACE MRO175 Annex 2.1.2 (2015), MRO103 (2010)  
Section 2.1.2 Compliant (2015) 12.1.1, 13.1.2 Vacuum Degassed

Marking:

125998

Heat No	C	Min	P	S	SI	CH	NI	CR	MO	ALLOY	V	MS	TI	N	CA	B	SH	CEQ	PERN
0802533-08	0.19	1.08	0.072	0.001	0.22	0.13	0.08	0.07	0.01	0.024	0.005	0.002	0.002	0.0049	0.0014	0.0001	0.008	0.40	0.27
1600012-03	0.16	1.04	0.006	0.004	0.17	0.22	0.10	0.09	0.02	0.033	0.004	0.003	0.002	0.0099	0.0021	0.0003	0.008	0.40	0.29



Plate Serial No	Pieces	Tons	Dr.	Yield (ksi)	Tensile (ksi)	Elong. % in 2"	Elong. % in 8"	Heat Treat	Nom Temp (°F)	Time (min)	Time (hr)	Charpy Impacts	Absorbed Energy (Ft-lbs)	Dr.	1	2	3	Ave	Min	1	2	3	Ave	Min	Temp (°F)	Size
0802533-08	2	4.08	H-T	52,800	78,700	38.5			1650	16	18															
1600012-03	2	4.08	H-T	53,200	78,300	33.8			1650	16	18															

HOT ROLLED CARBON STEEL PLATE  
TEST COUPONS TAKEN FROM HEAT TREATED PLATE  
Piece frequency chart:

Material certified to fully meet the grain practice by Electric Arc Furnace. Welding or weld repair was not performed on this material. In Specification. For Macdon shipments: info@macdon.com. Produced as continuous cast discrete plate, unless otherwise noted. Yield by 0.5% ELU method unless otherwise specified. Ceq = C + Mn/6 + (Cr + Mo + V)/5 + (Cu + Ni)/16. Pcm = C + (Si/20) + (Mn/20) + (Cr/20) + (Ni/60) + (Mo/15) + (V/10) + 58. Heat and blanked in the USA. ISO 9001:2015 certified. PED 87/23/EC 712 Annex 1, Para. 4.3 Compliant. DIN 50049 3.1, EN 10204 3.1, EN 10204 3.1(2005) compliant. For ABS grades only. Quality Assurance certificate QA-3624968

We hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with the applicable specifications, including customer specifications.

Certified a true copy of the  
original, retained in our file.  
AMERICAN ALLOY STEEL  
Jp 3/1/2021

T. A. Deparis, Manager

1/24/2021 4:10:30 PM



03/05/2021 From: AMERICAN ALLOY STEEL, INC.

To: INUKSHUK CONSTRUCTION LIMITED

P.O.#: 341-1001-TX

S.O.#: 677336

AA PL#: 5237394

Item: 1 (1 PC) 5/16" X 96" X 480"

**NUCOR**P.O. Box 279  
Winston, NC 27396  
(252) 356-3700**Mill Test Report**1505 River Rd  
Cofield, NC 27922  
(252) 356-3700**NUCOR**  
It's Our NatureAMERICAN ALLOY  
PLATE # 5237394

Issuing Date:

01/24/2021

BL No.: 580221

Load No.: 580433

Our Order No.: 1640101

Cust. Order No.: 125968

Vehicle No:

TTPX 81308

Sold To:

AMERICAN ALLOY STEEL, INC.  
6230 N. HOUSTON ROSS LN RD  
PO BOX 40409  
NORTH HOUSTON, TX 77061

Ship To:

AMERICAN ALLOY STEEL  
6230 N. HOUSTON ROSS LN RD  
SUITE TR # 7228  
MIL E664 LN SEB 402  
NORTH HOUSTON, TX 77061

Specification:

0.3125" x 96.000" x 480.000"  
ASTM A576 708340-17A SAE 516-708340 PYQ 2019/2017  
Normalized Plate VACEM10175 Annex 2.1.2 (2015), MRO103 (2016)  
Section 2.1.2 Compliant (2015) 13.1.1, 13.1.2 Vacuum Degassed

Marking:

125968

Head No	C	Sh	P	S	SI	CU	NI	CR	MO	ALLOY	V	MS	TI	N	CS	B	SH	CSQ	PEN
0802533-08	0.19	1.06	0.012	0.001	0.22	0.13	0.09	0.07	0.01	0.024	0.005	0.002	0.002	0.0049	0.0014	0.0001	0.009	0.40	0.27
1600012-03	0.18	1.04	0.008	0.001	0.17	0.22	0.10	0.09	0.02	0.033	0.004	0.003	0.002	0.0099	0.0021	0.0003	0.008	0.40	0.28
0802533-08	2	4.08	H-T	52,800	76,700	38.5													
1600012-03	2	4.08	H-T	53,200	78,300	33.9													
										1650	16								
										1650	16								

Plate Serial No	Plates	Tons	DR	1	2	3	Ave	Min	1	2	3	Ave	Min	1	2	3	Ave	Min	Temp (°F)	Size
0802533-08	2	4.08	H-L	91.7	102.0	111.0	101.6	15											-50	10mm
1600012-03	2	4.08	H-L	54.7	40.8	52.8	49.4	15											-50	5mm

HOT ROLLED CARBON STEEL PLATE  
TEST COUPONS TAKEN FROM HEAT TREATED PLATE  
Plate frequency category:

Manual activated to copy listed the grain practice by Electric Arc Furnace. Welding or weld repair was not performed on this material. Material has not been used in the direct manufacturing of this material. Produced as continuous cast derivate plate, unless otherwise noted in Specification. For detailed alignment: ntc-Schmid@nuco.com

Yield by Q&E/L method unless otherwise specified. Ceq = Cq(0.0008)(C+Mn+V+Si)/(C+Mn+V+Si)

Pen = Cq(0.0008)(C+Mn+V+Si)/(C+Mn+V+Si)

Marked and heat treated in the USA. ISO 9001:2015 certified. PED 97/23/EC 712 Annex 1, Para. 4.3 Compliant.

DIN 50098 2.1, EN 10204 3.1B(2004), DIN EN 10204 3.1(2006) compliant. For ABS grades only. Quality Assurance certificate QA-3824366

We hereby certify that the contents of this report are accurate and correct. All test results and specifications performed by the material manufacturer are in compliance with the applicable specifications, including customer specifications.

Certified a true copy of the  
original, retained in our file.  
AMERICAN ALLOY STEEL.

Jr 3/14/2021

T. A. Dwyer, Manager

1/24/2021 4:10:30 PM

TO: INUKSHUK CONSTRUCTION LIMITED

P.O.#: 341-1001-TX

S.O.#: 677336

AA PL#: 5237395

Item: 1 (1 PC) 5/16" X 96" X 480"

**PLATE MILL**

**P.O. Box 279**  
**Whitton, NC 27700**  
**(252) 356-3700**

## Mill Test Report

### Essential Data:

Vankeho No:

### Specifications

**Mark King:**

125008

**Abstract**

1,000" x 450 mm

1-800-4-A-3211

Load No.: 503403

**Sold To:**

022047

**Percent**

**Our Outlook**

ANALLOY STEEL INC.

10/6/00

\_\_\_\_\_

Cust. Order No.: 125099

AMERICAN AL

WILEY-LISS  
JOURNAL OF  
NEUROSCIENCE

It's Our Nature.

AMERICAN ALLOY  
LATE #5237395

1505 River Rd  
Camden, NJ 08104

(262) 366-3700

2000

### It's Our Nature.

[illegible]

**HOT ROLLED CARBON STEEL PLATE  
TEST COUPONS TAKEN FROM HEAT TREATED PLATE  
Please frequency charge:**

Certified a true copy of the original, retained in our file.

[illegible]

We hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material master lecturer are in compliance with the applicable specifications, including customer specific features.

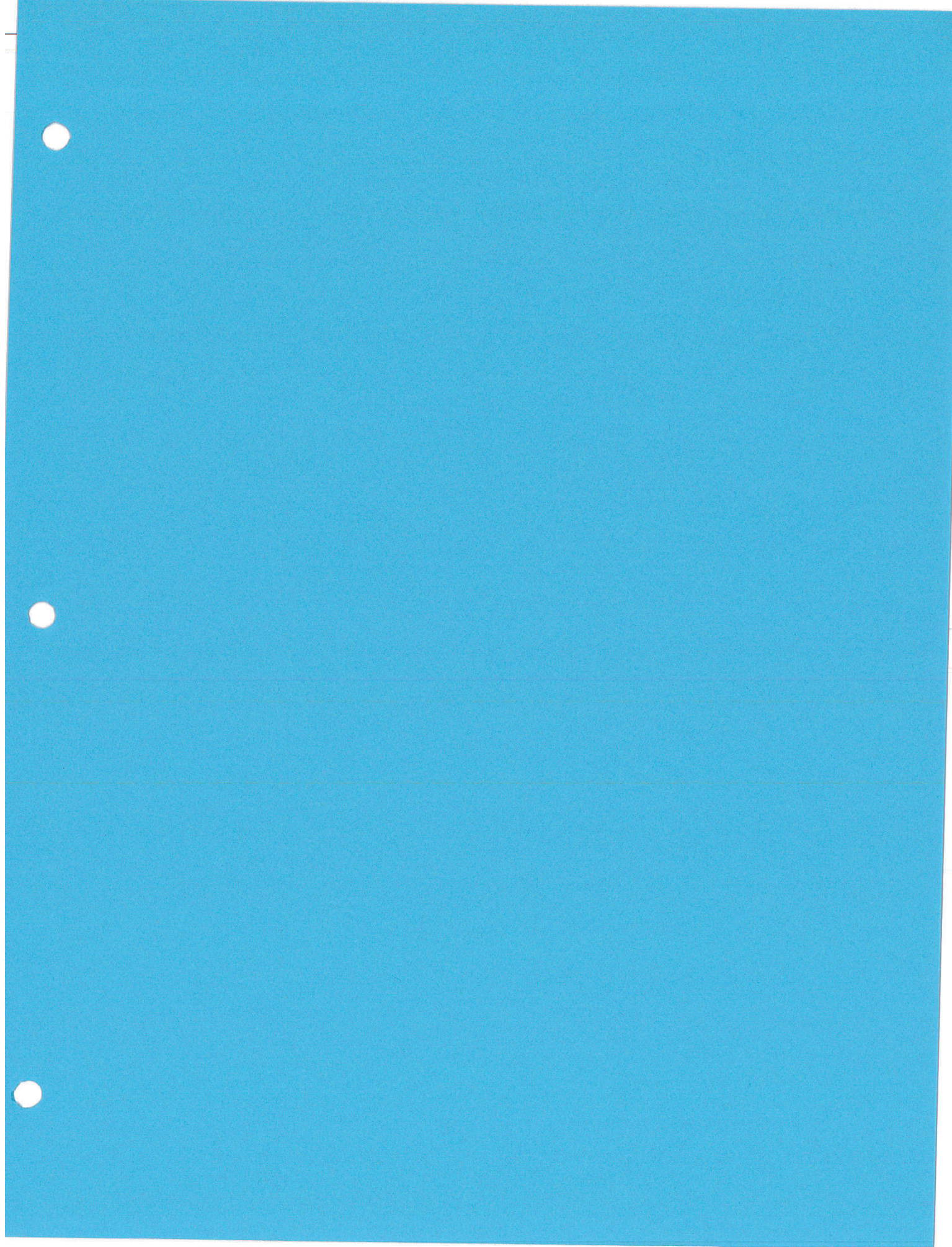
T. A. Depina, *Administrant*

1/24/2021 4:10:30 PM













CANADA CUSTOMS INVOICE  
FACTURE DES DOUANES CANADIENNES

MRR #005

Page 1 of 1  
de

1. Vendor (name and address) - Vendeur (nom et adresse)

American Alloy Steel  
650 Harbor Way  
Rome, NY 13440  
Tel: (800) 231-3502 Fax: (315) 371-9089

2. Date of direct shipment to Canada - Date d'expédition directe vers le Canada  
4/7/21

3. Other references (include purchaser's order no.)

Autres références (inclure le n° de commande de l'acheteur SO#677328,  
PO#341-1001-NY

4. Consignee (name and address) - Destinataire (nom et adresse)

Techform-Montal  
3139 Boul Des Entreprises  
Terrebonne, QC J6X 4J9  
Canada

5. Purchaser's name and address (if other than consignee)  
Nom et adresse de l'acheteur (s'il diffère du destinataire)

American Alloy Steel  
650 Harbor Way  
Rome, NY 13440

6. Country of transshipment - Pays de transbordement  
USA

7. Country of origin of goods  
Pays d'origine des marchandises  
USA

IF SHIPMENT INCLUDES GOODS OF DIFFERENT  
ORIGINS AGAINST ITEMS IN 12. SI L'EXPÉDITION  
COMPREND DES MARCHANDISES D'ORIGINES  
DIFFÉRENTES, PRÉCISEZ LEUR PROVENANCE EN 12

8. Transportation: Give mode and place of direct shipment to Canada  
Transport: Précisez mode et point d'expédition directe vers le Canada

9. Conditions of sale and terms of payment  
(i.e. Sale, consignment shipment, leased goods, etc.)  
Conditions de vente et modalités de paiement  
(p. ex. vente, expédition en consignation, location de marchandises, etc.)  
SALE

10. Currency of settlement - Devises du paiement  
US FUNDS

11. Number of packages  
Nombre de colis  
4

12. Specification of commodities (kind of packages, marks and numbers, general description and characteristics, i.e., grade, quality)  
Désignation des articles (nature des colis, marques et numéros, description générale et caractéristiques, p. ex. classe, qualité)  
STEEL PLATE CARBON

13. Quantity (state unit)  
Quantité (précisez l'unité)  
EACH

Selling price - Prix de vente

14. Unit Price  
Prix unitaire  
3676.00  
3349.00  
2679.00

15. Total  
14704.00  
3349.00  
16074.00

If any of fields 1 to 17 are included on an attached commercial invoice, check this box  
Si tout renseignement relatif aux zones 1 à 17 figure sur une ou des factures commerciales ci-attachées, cochez cette case  
Commercial Invoice No. / N° de la facture commerciale ☐

16. Total Weight - Poids Total

Net 43,290

Gross -  
Brut 43,290

17. Invoice total  
Total de la  
facture 34,127.00

19. Exporter's name and address (if other than vendor)  
Nom et adresse de l'exportateur (s'il diffère du vendeur)

20. Originator (name and address) - Expéditeur d'origine (nom et adresse)

American Alloy Steel  
650 Harbor Way  
Rome, NY 13440

21. CCRA ruling (if applicable) - Décision de l'Agence (s'il y a lieu)

22. If fields 23 to 25 are not applicable, check this box  
Si les zones 23 à 25 sont sans objet, cochez cette case ☒

23. If included in field 17 indicate amount:  
Si compris dans le total à la zone 17, précisez:

(i) Transportation charges, expenses and insurance from the place of direct shipment to Canada  
Les frais de transport, dépenses et assurances à partir du point d'expédition directe vers le Canada

(ii) Costs for construction, erection and assembly incurred after importation into Canada  
Les coûts de construction, d'érection et d'assemblage après importation au Canada

(iii) Export packing  
Le coût de l'emballage d'exportation

24. If not included in field 17 indicate amount:  
Si non compris dans le total à la zone 17, précisez:

(i) Transportation charges, expenses, and insurance from the place of direct shipment to Canada  
Les frais de transport, dépenses et assurances jusqu'au point d'expédition directe vers le Canada

(ii) Amounts for commissions other than buying commissions  
Les commissions autres que celles versées pour l'achat

(iii) Export packing  
Le coût de l'emballage d'exportation

25. Check (if applicable):  
Cochez (s'il y a lieu):

(i) Royalty payments or subsequent proceeds are paid or payable by the purchaser  
Des redevances ou produits ont été ou seront versés par l'acheteur ☐

(ii) The purchaser has supplied goods or services for use in the production of these goods  
L'acheteur a fourni des marchandises ou des services pour la production de ces marchandises ☐

UNITED STATES-MEXICO-CANADA AGREEMENT (USMCA)  
**CERTIFICATE OF ORIGIN**

(Please print or type.)

<b>1. CERTIFIER NAME AND ADDRESS:</b> PATTI KEYES 650 HARBOR WAY ROME, NY 13440 DIRECT TEL: 315-371-9058 EMAIL: PATTI@AASTEEL.COM		<b>2. EXPORTER NAME AND ADDRESS:</b> AMERICAN ALLOY STEEL, INC. 650 HARBOR WAY ROME, NY 13440 TEL: 800-325-2479 TAX IDENTIFICATION NUMBER: 1-74-1688398-5		
<b>3. PRODUCER NAME AND ADDRESS:</b> Mittel, Coatesville1, PA Nucor,  TEL: N/A      EMAIL: N/A TAX IDENTIFICATION NUMBER: N/A		<b>4. IMPORTER NAME AND ADDRESS:</b> Inukshuk Construction Limited 1869 Upper Water Street Suire AH202 HALIFAX, NS B3J 1S9 Canaada  TEL: N/A      EMAIL: N/A TAX IDENTIFICATION NUMBER: N/A		
<b>5. DESCRIPTION OF GOOD(S): STEEL PLATE</b> S/O# 677328      PO# 341-1001-NY Item 2, Qty 4, 3/8 X 96 X 480 Item 3, Qty 1, 5/16 X 96 X 480 Item 4, Qty 6, 1/4 X 96 X 480		<b>6. H.S. TARIFF CLASSIFICATION NUMBER</b> 7225.40/0000	<b>7. PREFERENCE CRITERION</b> B	<b>10. COUNTRY OF ORIGIN</b> USA

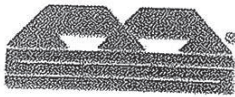
**I CERTIFY THAT:**

-THE GOODS DESCRIBED IN THIS DOCUMENT QUALIFY AS ORIGINATING AND THE INFORMATION CONTAINED IN THIS DOCUMENT IS TRUE AND ACCURATE. I ASSUME RESPONSIBILITY FOR PROVING SUCH REPRESENTATIONS AND AGREE TO MAINTAIN AND PRESENT UPON REQUEST OR TO MAKE AVAILABLE DURING A VERIFICATION VISIT, DOCUMENTATION NECESSARY TO SUPPORT THIS CERTIFICATION.

-THIS CERTIFICATE CONSISTS OF \_\_\_\_ PAGES, INCLUDING ALL ATTACHMENTS.

<b>1. AUTHORIZED SIGNATURE:</b> <i>Patti Keyes</i>	<b>COMPANY:</b> AMERICAN ALLOY STEEL, INC.
<b>NAME (PRINT OR TYPE):</b> PATTI KEYES	<b>TITLE:</b> Ass't Traffic Manager
<b>DATE:</b> 4/7/21	<b>TELEPHONE:</b> 315 371-9058 <b>FAX:</b> 315-371-9089





# AMERICAN ALLOY STEEL, INC.

6230 N. HOUSTON ROSSLYN ROAD

HOUSTON, TEXAS 77091

Phone: 713-462-8081 Fax: 713-462-8209

M.T.R. COVER SHEET

04/07/2021

Customer Name : INUKSHUK CONSTRUCTION LIMITED  
Address :  
City, State Zip : HALIFAX, NS B3J 1S9  
Attention : M.LOSIER  
Phone Number : 1-902-429-0272  
Reference Number : 677328  
Notes 1 : P.O. NO. 341-1001-NY

Control Number: 1091103  
Queued By : Alex Garza  
Page Number : 1  
Total Pages : 12  
Fax Number : 1-902-429-7762

THE INFORMATION YOU REQUESTED IS ATTACHED.  
THANK YOU FOR YOUR BUSINESS !

AASI PLATE NUMBER	HEAT # / SLAB #	MILL
5232373	0605092 05	NUCOR PLATE
5236040	813S61760 T030268	ARCELORMITTAL
5236041	813S61760 T030268	ARCELORMITTAL
5236042	813S61760 T030268	ARCELORMITTAL
5237332	1600012 01	NUCOR PLATE
5231254	0200022 01	NUCOR PLATE
5231255	0200022 01	NUCOR PLATE
5231256	0200022 01	NUCOR PLATE
5231257	0200022 01	NUCOR PLATE
5231258	0200022 01	NUCOR PLATE
5231259	0200022 01	NUCOR PLATE

04/07/2021 From: AMERICAN ALLOY STEEL, INC.

P.O.#: 341-1001-NY

Item: 2 (1 PC) 3/8" X 96" X 480"

S.O.#: 677328

To: INUKSHUK CONSTRUCTION LIMITED

AA PL#: 5232373

**NUCOR**  
PLATE MILL

P.O. Box 278  
Winston, NC 27386  
(252) 356-3700

# Mill Test Report

1505 River Rd  
Coffield, NC 27922  
(252) 356-3700

**AMERICAN ALLOY**  
PLATE #5232373

**NUCOR**  
It's Our Nature

Issuing Date:

Vehicle No:

Specification:

Marking:

03/13/2020

L# 62065

A31M A316 70650-17/ASME SA516-70650 P/Q 2012/2017  
Normalized Plate NACEMR0175 Annex 2.1.2 (2015), MR0103 (2010)  
Section 2.1.2 Compliant (2015) 13.1.1, 13.1.2 Vacuum Degassed

125050-NY

ENL No.: 570071

Load No.: 583068

Sold To:

Our Order No.: 18943071

AMERICAN ALLOY STEEL, INC.  
6230 N HOUSTON ROSS LN RD  
PO BOX 40489  
NORTH HOUSTON, TX 77061

Cust. Order No.: 125050-NY

Ship To:

AMERICAN ALLOY STEEL, INC.  
620 HARBOR WAY  
ROSELAND, NJ 07068

Heat No: C

0805092-05

0.19

1.02

0.010

0.000

0.21

0.17

0.08

0.11

0.01

0.027

0.005

0.001

0.004

0.0071

0.0011

0.0002

0.008

0.40

0.27

Heat No: P

0805092-06

0.19

1.02

0.010

0.000

0.21

0.17

0.08

0.11

0.01

0.027

0.005

0.001

0.004

0.0071

0.0011

0.0002

0.008

0.40

0.27

Heat No: S

0805092-07

0.19

1.02

0.010

0.000

0.21

0.17

0.08

0.11

0.01

0.027

0.005

0.001

0.004

0.0071

0.0011

0.0002

0.008

0.40

0.27

Heat No: T

0805092-08

0.19

1.02

0.010

0.000

0.21

0.17

0.08

0.11

0.01

0.027

0.005

0.001

0.004

0.0071

0.0011

0.0002

0.008

0.40

0.27

Heat No: U

0805092-09

0.19

1.02

0.010

0.000

0.21

0.17

0.08

0.11

0.01

0.027

0.005

0.001

0.004

0.0071

0.0011

0.0002

0.008

0.40

0.27

Heat No: V

0805092-10

0.19

1.02

0.010

0.000

0.21

0.17

0.08

0.11

0.01

0.027

0.005

0.001

0.004

0.0071

0.0011

0.0002

0.008

0.40

0.27

Heat No: W

0805092-11

0.19

1.02

0.010

0.000

0.21

0.17

0.08

0.11

0.01

0.027

0.005

0.001

0.004

0.0071

0.0011

0.0002

0.008

0.40

0.27

Heat No: X

0805092-12

0.19

1.02

0.010

0.000

0.21

0.17

0.08

0.11

0.01

0.027

0.005

0.001

0.004

0.0071

0.0011

0.0002

0.008

0.40

0.27

Heat No: Y

0805092-13

0.19

1.02

0.010

0.000

0.21

0.17

0.08

0.11

0.01

0.027

0.005

0.001

0.004

0.0071

0.0011

0.0002

0.008

0.40

0.27

Heat No	C	P	S	SI	CU	NI	CR	MO	AL	V	MA	TI	N	CA	B	SA	CE	PER
0805092-05	2	4.90	H-T	51,400	74,100	41.5												
0805092-06	1	2.45	H-T	51,800	74,900	40.7												
0805092-07	1	2.45	H-T	52,900	76,000	40.7												
0805092-08	1	2.45	H-T	51,800	74,900	40.7												
0805092-09	2	4.90	H-T	51,400	74,100	41.5												
0805092-10	1	2.45	H-T	51,800	74,900	40.7												
0805092-11	1	2.45	H-T	52,900	76,000	40.7												
0805092-12	1	2.45	H-T	51,800	74,900	40.7												
0805092-13	2	4.90	H-T	51,400	74,100	41.5												

HOT ROLLED CARBON STEEL PLATE  
TEST COUPONS TAKEN FROM HEAT TREATED PLATE  
Please frequency sharp

Manufactured to fully meet the grain practice by Electric Arc Furnace, Ladle Refining or mild top was not performed on flat material.  
In Specification. For Material Requirements Specification (SAS) 1002/NUCOR.com  
Yield by DSEUL (Mechanical) and NUCOR (Mechanical) was specified. Ceq = C+(Mn/6)+(Cr/2)+(Mo/3)+(V/10)+(Nb/5)+(Ti/10)+(Cu/10)  
Form = C+(Si/30)+(Mn/20)+(Cr/20)+(Mo/3)+(V/10)+(Nb/5)+(Ti/10)+(Cu/10)  
Marked and Manufactured in the USA, ISO 9001:2015 certified, PED 97/23/EC 77 Annex 1, Para. 4.3 Compliant,  
DIN 50048 3.1/EN 10204 3.1/EN 10204 3.1/2005) compliant. For ABS grades only, Quality Assurance certificate QAS-5624586

We hereby certify that the contents of this report are accurate and correct. All test results and specifications, including customer specifications.

Certified a true copy of the  
original, retained in our file.  
AMERICAN ALLOY STEEL, INC.  
Reviewed By:  
JP 9/30/2020

T. A. Disprets, Metallurgical

9/13/2020 8:01:41 AM



04/07/2021 From: AMERICAN ALLOY STEEL, INC.

P.O.#: 341-1001-NY

Item: 2 (1 PC) 3/8" X 96" X 480"

S.O.#: 677328

To: INUKSHUK CONSTRUCTION LIMITED

AA FL#: 5236040

# ArcelorMittal Burns Harbor Plate

SHIPMENT NO. <b>803-69362</b>		DATE SHIPPED <b>02-02-21</b>	CAR OR VEHICLE NO. <b>CBS-CHGO-CEXT-UTICAATW 317152</b>	US HWY 12 Burns Harbor, Indiana	
AMERICAN ALLOY STEEL, INC. PO BOX 40469 HOUSTON TX 77240-0469		AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440			
SERIAL NUMBER	PAT NO.	HEAT NUMBER	NO. PCS.	THICKNESS	SIZE AND QUANTITY
				INCHES	INCHES INCHES POUNDS PSI PSI IN %

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.  
 PLATES - ASTM A516-17 GR 70 PQV KLD FINE GRAIN PRAC, ASTM A516-17 GR 65 PQV,  
 ASTM A516-17 GR 60 PQV, ASME SA516 GR 70 PQV 2019 EDITION, ASME  
 SA516 GR 65 PQV 2019 EDITION, ASME SA516 GR 60 PQV 2019 EDITION,  
 CH-V SA2085 PLT L 15/12 FT LBS AT -50F, VACUUM DEGASSED --- PLT  
 NORMALIZED & COOLED IN STILL AIR --- IN ACCORDANCE WITH EN  
 10204:2004 TYPE 3.1 10204:2004 TYPE 3.1  
 NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)  
 CO# 125825-NY GH 377-1563A  
 PLATES HEAT TREATED - TEST SPECIMENS ATTACHED & YIELD STRENGTH @ .5% EUL  
 MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER  
 T030268 813861760 3 3/8 96 480 14703 52900 74700 8 26  
 (M55)MFST REF#:2 N 1650 DEG F - 18 MIN

Q-QUENCH TEMPERATURE

T-TEMPERATURE

N-NORMALIZE TEMPERATURE

SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS INCHES	TYPE	SIZE	DR	TEST TEMP	ENERGY FT LBS	CHARPY IMPACT	SHEAR(%)	LAT. EXP	MILS
T030268		813861760			.375	V	3/4	L	-50	134 126 92				

Certified a true copy of the  
original, retained in our file.  
AMERICAN ALLOY STEEL

*JK 2/25/2021*

HEAT NUMBER	C	Mn	P	S	Si	Cu	NI	Cr	Mo	V	Ti	Al	B	Co	N	Sn	W
813861760	.16	1.04	.014	.002	.332	.213	.19	.03	.005	.001	.002	.035	.0002	.002	.004	.003	

I certify that the above results are a true and correct copy of actual results contained in records maintained by ArcelorMittal Burns Harbor and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

BNPLTRPT.TIF

SUPV. QUALITY ASSURANCE

FARID HASSANI PER MWT

AMERICAN ALLOY  
PLATE  
5236040

04/07/2021 From: AMERICAN ALLOY STEEL, INC.

P.O.#: 341-1001-NY

Item: 2 (1 PC) 3/8" X 96" X 480"

S.O.#: 677328

To: INUKSHUK CONSTRUCTION LIMITED

AA PL#: 5236041

### ArcelorMittal Burns Harbor Plate

SHIPMENT NO. <b>803-69362</b>		DATE SHIPPED <b>02-02-21</b>	CAR OR VEHICLE NO. <b>CSS-CHGO-CSXT-UTICAATW 317152</b>	US HWY 12 Burns Harbor, Indiana							
SOLD TO <b>AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469</b>		SHIP TO <b>AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440</b>									
SERIAL NUMBER	PAT NO.	HEAT NUMBER	NO. PCS.	THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT	YIELD POINT	TENSILE STRENGTH	AF FRAC. ELONG.	RED.

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.  
PLATES - ASTM A516-17 GR 70 PVQ KLD FINE GRAIN PRAC, ASTM A516-17 GR 65 PVQ, ASTM A516-17 GR 60 PVQ, ASME SA516 GR 70 PVQ 2019 EDITION, ASME SA516 GR 65 PVQ 2019 EDITION, ASME SA516 GR 60 PVQ 2019 EDITION, CH-V SA2085 PLT L 15/12 FTLBS AT -50F, VACUUM DEGASSED --- PLT 10204:2004 TYPE 3.1 10204:2004 TYPE 3.1 IN ACCORDANCE WITH EN  
NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)  
CO# 125825-NY GH 377-1563A  
PLATES HEAT TREATED - TEST SPECIMENS ATTACHED & YIELD STRENGTH @ .5% EUL  
MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER  
T030268 813861760 3 3/8 96 480 14703 52900 74700 8 26  
(M55)MEST REF#:2 N 1650 DEG F - 18 MIN

Q-QUENCH TEMPERATURE

T-TEMPERATURE

H-NORMALIZE TEMPERATURE

SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	THICKNESS INCHES	TYPE	SIZE	DIR	TEST TEMP	ENERGY FT LBS	CHARPY IMPACT	SHEAR(X)	LAT. EXP	MILLS			
T030268		813861760			.375	V	3/4	1	-50	154 126 92							
CHEMICAL ANALYSIS																	
HEAT NUMBER	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Co	N	Sn	LIQUID GRAIN SIZE
813861760	.16	1.04	.014	.002	.332	.213	.19	.03	.005	.001	.002	.035	.0002	.002	.004	.003	

Certified a true copy of the original, retained in our file.  
AMERICAN ALLOY STEEL

JK 2/25/2021

I certify that the above results are a true and correct copy of actual results contained in records maintained by ArcelorMittal Burns Harbor and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

BHPLTRPT.TIF

SUPP. QUALITY ASSURANCE

FARID HASSANI PER MWT

AMERICAN ALLOY  
PLATE # 5236041



04/07/2021 From: AMERICAN ALLOY STEEL, INC.

P.O.#: 341-1001-NY

Item: 2 (1 PC) 3/8" X 96" X 480"

S.O.#: 677328

To: INUKSHUK CONSTRUCTION LIMITED

AA PL#: 5236042

# ArcelorMittal Burns Harbor Plate

SHIPMENT NO. <b>803-69362</b>		DATE SHIPPED <b>02-02-21</b>	CAR OR VEHICLE NO. <b>CSS-CHGO-CSXT-UTICAATW 317152</b>	US HWY 12 Burns Harbor, Indiana
SOLD TO <b>AMERICAN ALLOY STEEL INC PO BOX 40469 HOUSTON TX 77240-0469</b>		SHIP TO <b>AMERICAN ALLOY STEEL INC THEIR SIDING 650 HARBOR WAY ROME NY 13440</b>		
NOTES	SERIAL NUMBER	PAT NO.	HEAT NUMBER	NO. PCS.
SEE AND QUANTITY				
THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT	YIELD POINT
INCHES		INCHES	INCHES	POUNDS
PSI		PSI	IN	%

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.  
 PLATES - ASTM A516-17 GR 70 FVQ KLD FINE GRAIN PRAC, ASTM A516-17 GR 65 FVQ,  
 ASTM A516-17 GR 60 FVQ, ASME SA516 GR 70 FVQ 2019 EDITION, ASME  
 SA516 GR 65 FVQ 2019 EDITION, ASME SA516 GR 60 FVQ 2019 EDITION,  
 CH-V SA2085 PLT L 15/12 FTLBS AT -50F, VACUUM DEGASSED --- PLT  
 NORMALIZED & COOLED IN STILL AIR --- IN ACCORDANCE WITH EN  
 10204:2004 TYPE 3.1 10204:2004 TYPE 3.1  
 NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)  
 CO# 125825-NY GH 377-1563A  
 PLATES HEAT TREATED - TEST SPECIMENS ATTACHED & YIELD STRENGTH @ .5% EUL  
 MERCURY IN ANY FORM HAS NOT BEEN USED IN THE PRODUCTION OF THIS ORDER  
 T030268 813861760 3 3/8 96 480 14703 52900 74700 8 26  
 N 1650 DEG F - 18 MIN  
 (M55)MFST REF#:2

Q-QUENCH TEMPERATURE	T-TEMPERATURE	N-NORMALIZE TEMPERATURE
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SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	CHARPY IMPACT													
					THICKNESS INCHES	TYPE	SIZE	DIP	TEST TEMP	ENERGY FT LBS	SHEAR(%)			LAT. EXP MILS				
T030268		813861760			.375	V	3/4	L	-90	134	126	92	1	2	3	1	2	3

Certified a true copy of the original, retained in our file.  
 AMERICAN ALLOY STEEL

*Jk 2/25/2021*

HEAT NUMBER	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Cb	N	Sn	LIQUID GRAIN SIZE
813861760	.16	1.04	.014	.002	.332	.213	.19	.03	.005	.001	.002	.035	.0002	.002	.004	.003	

I certify that the above results are a true and correct copy of actual results contained in records maintained by ArcelorMittal Burns Harbor and are in full compliance with the requirements of the specification cited above. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports, if required.

BHPLTRPT.TIF

BUPV. QUALITY ASSURANCE

FARID HASSANI PER MWT

AMERICAN ALLOY  
 PLATE # 0236042





04/07/2021 From: AMERICAN ALLOY STEEL, INC.  
P.O.#: 341-1001-NY  
Item: 4 (1 PC) 1/4" X 96" X 480"

S.O.#: 677328

To: INUKSHUK CONSTRUCTION LIMITED  
AA PL#: 5231254

**NUCOR**  
PLATE MILL

P.O. Box 279  
Winston, NC 27388  
(352) 358-5700

## Mill Test Report

1505 River Rd  
Cortland, NC 27822  
(352) 358-5700

AMERICAN ALLOY  
PLATE #5231254  
**NUCOR**  
It's Our Nature.

Rolling Date: 08/03/2020 B.L. No.: 587381 Load No.: 578830 Our Order No.: 17742541 Cust. Order No.: 124182-AY  
Vehicle No.: ROKEL 722073 Sold To: AMERICAN ALLOY STEEL, INC.  
Specification: 0.2500" x 96.000" x 480.000"  
ASTM A516 70000/435-47/ASME SA516-70000/435 PVO 2016/2017  
Normalized Plate NACE MR0175 Annex 2.1.2 (2015), ER9183 (2010)  
Section 2.1.2 (2015) 13.1.1, 13.1.2/Compliant  
Marking: 124182-AY NORTH HOUSTON, TX 77061 Ship To: AMERICAN ALLOY STEEL, INC.  
638 HANSON WAY  
ROME, NY 13440

Heat No.	C	Mn	P	S	Si	Cr	Mo	Al (wt)	V	Nb	Ti	N	Cu	B	Sn	Cu	Pb
0200022	0.18	0.02	0.010	0.000	0.16	0.16	0.05	0.05	0.02	0.026	0.005	0.002	0.002	0.0020	0.0001	0.000	0.35
Plate Serial No	Places	Tons	Dr.	Yld (ps)	Tensile (ps)	Elong. % in 2"	Tensile Test Elong. % in 8"	Norm Temp (°F)	Heat Treat Temp (°F)	Time (min)	Charpy Impact (ft-lbs)	Shrink (%)	Ave	Min	Temp (°F)	Size	
0200022-01	9	14.70	H-T	49,000	71,200	40.8		1850	14								
Plate Serial No	Places	Tons	Dr.	Absorbed Energy (Ft-lbs)				Charpy Impact				Shrink (%)					
				(ft-lbs)	(ft-lbs)	(ft-lbs)	Ave	Min	(ft-lbs)	(ft-lbs)	(ft-lbs)	Ave	Min	(%)	(%)	Temp (°F)	
0200022-01	9	14.70	H-L	56.7	44.5	58.4	53.2	15									

-50 6.67m  
m

### HOT ROLLED CARBON STEEL PLATE TEST COUPONS TAKEN FROM HEAT TREATED PLATE Place frequency sample:

Manufactured in the USA. Manufactured by Electric Arc Furnace. Rolling or cold rolled was not performed on this material.  
Manufacture has not been used in the direct manufacturing of the material. Produced as continuous cast slabs, unless otherwise noted.  
Yield by 0.5% Elong. method unless otherwise specified. Ceq = C + (Mn/6) + (Cr + Mo + V)/5 + (Cu + Ni)/15  
Perm = C + (Si/30) + (Mn/20) + (Cu/20) + (Ni/60) + (Cr/20) + (Mo/15) + (V/10) + 58  
Marked and heat treated in the USA. ISO 9001:2015 certified. PED 07/2020/EC 772 Annex 1, Para. 4.3 Compliant  
DIN 50048 3.1.BEN 10204 3.1B(2004), DIN EN 10204 3.1(2006) compliant. For ABS grades only. Quality Assurance certificate QA-3524388

We hereby certify that the contents of this report are accurate and correct. All test results and specifications, including customer specifications, are in compliance with the applicable

Certified a true copy of the  
original, retained in our file.  
AMERICAN ALLOY STEEL  
JP 8/19/2020

T. A. Depina, Metallurgist

8/4/2020 9:36:53 AM

04/07/2021 From: AMERICAN ALLOY STEEL, INC.

P.O.#: 341-1001-NY

Item: 4 (1 PC) 1/4" X 96" X 480"

S.O.#: 677328

To: INUKSHUK CONSTRUCTION LIMITED

AA PL#: 5231255

**NUCOR**  
PLATE MILL

P.O. Box 279  
Winston, NC 27396  
(252) 358-3700

# Mill Test Report

1505 River Rd  
Cofield, NC 27922  
(252) 358-3700

AMERICAN ALLOY  
PLATE # 5231255  
**NUCOR**  
In Our Nature

Testing Date: 08/03/2020 E/L No.: 567381 Load No.: 579339 Our Order No.: 17742571 Cust. Order No.: 124182-NY  
Vehicle Ref: NCKL 725073 Solid To: AMERICAN ALLOY STEEL, INC. 6230 N HOUSTON ROSSLYN RD PO BOX 40469 NORTH HOUSTON, TX 77081  
Specification: 0.2500" x 96.000" x 480.000" ASTM A516 70SG/60485-17/ASME SA516-70SG/60485 PNO 2018/2017 Normalized Plate NACE MR0175 Annex 2.1.2 (2015), MR0103 (2010)  
Marking: 124182-NY

Heat No	C	Min	P	S	SI	Cu	NI	Cr	Mo	Alloy	V	Nb	Ti	N	Ca	B	Bn	Ceq	Pcm
0200022	0.18	0.92	0.010	0.000	0.18	0.18	0.05	0.05	0.02	0.028	0.005	0.002	0.002		0.0020	0.0001	0.000	0.36	0.25
Plate Serial No	Places	Tens	Dr.	Yield (psi)	Tensile (psi)	Elong. % in 2"	Elong. % in 8"	Norm (°F)	Heat Treat (min)	Temper (°F)	Time (min)	Charpy Impacts							
0200022-01	9	14.70	H-T	Tensile Test								Lateral Expansion (in.)							
				48,000	71,200	40.8		1650	14										
Plate Serial No	Places	Tens	Dr.	Absorbed Energy (ft-lbs)				Charpy Impacts				Shear (%)							
0200022-01	8	14.70	H-L	68.7	44.5	58.4	53.2	15											
				1	2	3	Ave	Min	1	2	3	Ave	Min	1	2	3	Ave	Min	Temp (°F)
				(ft-lbs)	(ft-lbs)	(ft-lbs)	(ft-lbs)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(%)	(%)	(%)	(%)		
				1	2	3	Ave	1	2	3	Ave	1	2	3	Ave	Min	Temp (°F)	Size	
																		-50	6.67m
																		m	

HOT ROLLED CARBON STEEL PLATE  
TEST COUPONS TAKEN FROM HEAT TREATED PLATE  
Place frequency Charpy:

Manufactured to fully rolled fine grain practice by Electric Arc Furnace. Welding or heat input was not performed on this material. Material has not been used in the direct manufacturing of the material. Produced as continuous casted slabs, unless otherwise noted. In Specification. For Method of Manufacture, See Specification. Produced as continuous casted slabs, unless otherwise noted. Yield by 0.55% method unless otherwise specified. Charpy = C-18MnV-1/2(C-Mn+V)/15  
Form = C-18MnV-1/2(C-Mn+V)/15  
Marked and manufactured in the USA. ISO 9001:2015 certified. PED 97/23/EC 77 Annex 1, Part 4.3 Compliant.  
DIN 5046 3.1, DIN 10204 3.1, DIN EN 10204 3.1 (2006) compliant. For ABS grades only. Quality Assurance certificate QA-3624368

We hereby certify that the contents of this report are accurate and correct. All test results and specifications, including customer specifications.

Certified a true copy of the  
original, retained in our file.  
AMERICAN ALLOY STEEL  
JL 8/19/2020

T. A. Dwyer, Metallurgist

8/4/2020 3:36:08 AM



04/07/2021 From: AMERICAN ALLOY STEEL, INC.  
P.O.#: 341-1001-NY  
Item: 4 (1 PC) 1/4" X 96" X 480"

S.O.#: 677328

To: INUKSHUK CONSTRUCTION LIMITED  
AA PL#: 5231256

**NUCOR**  
PLATE MILL

P.O. Box 279  
Winston, NC 27386  
(252) 356-5700

# Mill Test Report

1505 River Rd  
Cortland, NC 27922  
(252) 356-5700

**AMERICAN ALLOY**  
PLATE #5231256  
**NUCOR**  
It's Our Nature

Testing Date: 08/03/2020  
Vendor: NOKEL 728075  
Specification: 0.2500" x 96.000" x 480.000"  
ASTM A576 708550/485-17/ASME SA576-708550/485 PIV 2019/2017  
Normalized Plate NALCE 880175 Annex 2.1.2 (2015) N80183 (2010)  
Section 2.1.2 (2015) 13.1.1, 13.1.2 (2015) compliant  
Marking: 124182-NY  
Lot No.: 5778339  
Our Order No.: 1774291  
Ship To: AMERICAN ALLOY STEEL INC  
6230 N HOUSTON ROSSLYN RD  
PO BOX 40469  
NORTH HOUSTON, TX 77061  
Cust. Order No.: 124182-NY  
Ship To: AMERICAN ALLOY STEEL INC  
650 HARBOR WAY  
ROME, NY 13440

Heat No	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al (eq)	V	Nb	Ti	N	Ca	B	Sn	Ceq	Pcm
0200022	0.18	0.92	0.010	0.000	0.18	0.16	0.05	0.05	0.02	0.028	0.006	0.002	0.002		0.0020	0.0001	0.000	0.38	0.25
Plate Serial No	Pieces	Tons	Dr.	Yield (psi)	Tensile (psi)	Elong. % in 2"	Elong. % in 5"	Norm (°F)	Heat Treat (min)	Temp (°F)	Time (min)	Temp (°F)	Time (min)						
0200022-01	9	14.70	H-T	49,000	71,200	40.8			1850	14									
Plate Serial No	Pieces	Tons	Absorbed Energy (ft-lbs)										Charpy Impacts						
			Dr.	(ft-lbs)	(ft-lbs)	(ft-lbs)	(ft-lbs)					Lateral Expansion (in.)			Shear (%)				
				1	2	3	Ave	Min	1	2	3	Ave	Min	1	2	3	Ave	Min	Temp (°F)
0200022-01	9	14.70	H-L	56.7	44.5	58.4	53.2	15											

-50 6.87m  
m

HOT ROLLED CARBON STEEL PLATE  
TEST COUPONS TAKEN FROM HEAT TREATED PLATE  
Pieces frequency charity:

Manufactured to fully meet the grain practice by Electric Arc Furnace. Welding or weld repair was not performed on this material.  
Mercury has not been used in the direct manufacturing of this material. Produced as continuous cast slabs, plates, unless otherwise noted.  
In Specification. For Method of Performance-Standard. © Nucor.com  
Yield by 0.002" method unless otherwise specified. Ceq = C+(Mn/6)+(Cr/5)+(Cu/6)+(Ni/10)+(Nb/5)+(V/10)+(Ti/10)  
Form = C+(S/30)+(P/20)+(Cu/20)+(Nb/5)+(Cr/20)+(Mn/6)+(V/10)+(Ti/10)  
Method and Manufactured in the USA. ISO 9001:2015 certified. PED 712 Annex 1, Para. 4.3 Compliant.  
DIN 50048 3.1, BEN 10204 3.1, BEN 10204 3.1 (2005) compliant. For AISI grades only. Quality Assurance certificate QA-3624366

We hereby certify that the contents of this report are accurate and correct. All test results and specifications, including customer specifications.

Certified a true copy of the  
original, retained in our file,  
AMERICAN ALLOY STEEL  
JF 8/19/2020

T. A. Deparis, Metallurgist

8/4/2020 8:38:56 AM

04/07/2021 From: AMERICAN ALLOY STEEL, INC.

P.O.#: 341-1001-NY

Item: 4 (1 PC) 1/4" X 96" X 480"

S.O.#: 677328

To: INUKSHUK CONSTRUCTION LIMITED

AA PL#: 5231257

**NUCOR**  
PLATE MILL

P.O. Box 278  
Wintham, NC 27886  
(252) 358-3700

## Mill Test Report

AMERICAN ALLOY  
PLATE #5231257

1505 River Rd  
Coffield, NC 27822  
(252) 358-3700

**NUCOR**  
It's Our Nature.

Testing Date: 08/03/2020

Vehicle No: NOKL 725075

Specification:

0.2509" x 96.000" x 480.000"

A318E A518 708/80/485-17/ASME SA518-708/80/485

Normalized Plate NACE MR0178 Annex 2.1.2 (2015), MR0103 (2019)

Section 2.1.2 (2015) 13.1.1, 13.1.2 Compliant

Marking: 124182-NY

E/L No.: 567381

Load No.: 578939

Sold To:

AMERICAN ALLOY STEEL, INC.

6230 N HOUSTON ROSSLEY RD

PO BOX 40488

NORTH HOUSTON, TX 77061

Our Order No.: 177425/1

Ship To:

AMERICAN ALLOY STEEL, INC.

650 HARBOR WAY

ROME, NY 13448

Cust. Order No.: 124182-NY

Ship To:

AMERICAN ALLOY STEEL, INC.

650 HARBOR WAY

ROME, NY 13448

Heat No	C	Mn	P	S	Si	Cu	Mo	Cr	Al	V	Nb	Ti	N	Cs	B	Sh	Ceq	Pcm
0200022	0.18	0.82	0.010	0.000	0.18	0.16	0.05	0.05	0.02	0.025	0.005	0.002	0.002	0.0020	0.0001	0.000	0.38	0.25
Plate Serial No	Place	Tons	Dir.	Yield (psi)	Tensile (psi)	Elong. % in 2"	Elong. % in 8"	Heat Treat (°F)	Time (min)	Temp (°F)	Time (min)	Temp (°F)	Time (min)	Temp (°F)	Time (min)	Temp (°F)	Time (min)	Temp (°F)
0200022-01	9	14.70	H-T	49,000	71,200	40.8		1650	14									
Plate Serial No	Place	Tons	Dir.	Absorbed Energy (ft-lbs)	Charpy Impact	Shear (%)	Min	Temp (°F)	Time (min)	Temp (°F)	Time (min)	Temp (°F)	Time (min)	Temp (°F)	Time (min)	Temp (°F)	Time (min)	Temp (°F)
0200022-01	9	14.70	H-L	58.7	44.5	58.4	53.2	15										

HOT ROLLED CARBON STEEL PLATE  
TEST COUPONS TAKEN FROM HEAT TREATED PLATE  
Please frequency change:

Manufactured to fully tested fine grain practice by Electric Arc Furnace. Welding or weld repair was not performed on this material.  
In Specification. For Heat treatment, see Specification. Produced as continuous cast decarburized plate, unless otherwise noted.  
Yield by 0.5% EL. method unless otherwise specified. Ceq = C + (Mn/6) + (Cr + Mo + V)/5 + (Cu + Ni)/15  
Pcm = C + (Si/23) + (Mn/20) + (Cr/20) + (Ni/40) + (V/10) + (S)  
Method and Manufacture in the USA, ISO 9001:2015 certified. PED 97/23/EC 772 Annex 1, Para. 4.3 Compliant.  
DIN 50048 3.1, EN 10224 3.1B(2004), DIN EN 10224 3.1(2005) compliant. For ABS grades only. Quality Assurance certificate QA-3624368

We hereby certify that the contents of this report are accurate and correct. All test results and specifications, including customer specifications, are in compliance with the applicable

Certified a true copy of the  
original, retained in our file,  
AMERICAN ALLOY STEEL  
Jr 8/19/2020

T. A. Deparis, Metallurgist

8/4/2020 9:36:58 AM



To: INUKSHUK CONSTRUCTION LIMITED  
AA PL#: 5231258

8/4/2020 8:38:58 AM





AMERICAN ALLOY STEEL, INC.  
 650 Harbor Way  
 ROME, NY 13440  
 PHONE (315) 371-9055 FAX (315) 336-3529

-----  
 P A C K I N G L I S T  
 -----

PACKING LIST NO 711737

S/O NO 677328

DATE: 04/07/2021

=====

SOLD TO: 308500 PHONE: 1-902-429-0272	SHIP TO: 3
INUKSHUK CONSTRUCTION LIMITED	TECHFORM-MONTAL
1869 UPPER WATER STREET SUITE AH202	3139 BOUL DES ENTREPRISES
HALIFAX, NS B3J 1S9	TERREBONNE, QC
	J6X 4J9

=====

CUSTOMER BUYER NAME:M.LOSIER

PHONE NO: 1-902-429-0272

-----

CUST PO NUMBER	FOB POINT	--- SHIP VIA --	SHIPPING REF	TERMS	DATE REQ
341-1001-NY	DELIVERED	ITM		PPD	04/06/2021

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1 SET OF MTRs IS REQUIRED WITH SHIPMENT

=====

LN#	ITM	QTY	THKNSS	MATERIAL/ITEM DESCRIPTION	UNT	WGT	EXT	WGT
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ASME SA 516 GRADE 70, KILLED FINE GRAIN, NORMALIZED
---

=====

1	2	4	3/8"	96" X 480"	4901	19604
2	3	1	5/16"	96" X 480"	4084	4084
3	4	6	1/4"	96" X 480"	3267	19602

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Total Pieces on this Packing List	11
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Total Weight on this Packing List	43290
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