

03/14/2023 From: AMERICAN ALLOY STEEL, INC.

To: SUPERIOR SUPPLY & STEEL

P.O.# 239961-1

S.O.# 735894

AA PL# T66501

Item 1 (1 PC) 1" X 48" X 96"

Cleveland-Cliffs Burns Harbor LLC

QUALITY ASSURANCE REPORT OF TEST AND ANALYSIS

US HWY 12 Burns Harbor, Indiana

| | | | | | |
|---|---|---------------------------------|--|---|---|
| SHIPMENT NO. 803-88804 | | DATE SHIPPED 07-14-22 | CAR OR VEHICLE NO. CSS-CHGO-BNSF LMIC 007091 | | |
| 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 | T | 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 | | | | |

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

PLATES - ABS GR DH36 KLD FINE GRAIN PRAC REV 2022 CE=.38X PER IIW FORMULA, ABS GR AH36 REV 2022, ASTM A131-19 GR DH36, ASTM A131-19 GR AH36, ASTM A572-21 GR 50, MIL-S 22698C GR DH36 AMEND 2 CLASS U, ASTM A709-21 GR 50, CSA G40-21 GR 50WT CAT 3, AASHTO M270-20 GR 50, CH-V A673 FREQ (H) L 26/18 FTLS AT -22F --- PLT CONTROL ROLL --- IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1 10204:2004 TYPE 3.1 NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)

CO# 131123 GH 391-0549B

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

OUTSIDE INSPECTION BY AMERICAN BUREAU OF SHIPPING

→ 812X39430 10 1 96 480 130680 70400 80700 2 50
(M55)MFST REF#:3 67400 77400 2 35

822X39430 3 1 96 480 39204 70400 80700 2 50
(M55)MFST REF#:3 67400 77400 2 35

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

WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN MADE BY THE CLEVELAND-CLIFFS BH PLANT TO THE APPLICABLE SPECIFICATION BY AN APPROVED PROCESS AND HAS BEEN TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AMERICAN BUREAU OF SHIPPING RULES FOR THE INSPECTION AND TESTING OF MATERIALS TO THE SATISFACTION OF THE SURVEYORS.

| 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 | 1 | 2 | 3 | | |
| 812X39430 | | | | | 1.000 | V | 3/4 | L | -22 | 153 | 158 | 171 | | | | | |
| 812X39430 | | | | | 1.000 | V | 3/4 | L | -22 | 161 | 195 | 171 | | | | | |
| 822X39430 | | | | | 1.000 | V | 3/4 | L | -22 | 153 | 158 | 171 | | | | | |

Certified a true copy of the original, retained in our file.
AMERICAN ALLOY STEEL
JK gnl 2022

| HEAT NUMBER | CHEMICAL ANALYSIS | | | | | | | | | | | | | MOULD GRAIN SIZE | | | |
|-------------|-------------------|------|------|------|------|------|-----|-----|------|------|------|------|-------|------------------|------|------|----|
| | C | Mn | P | S | Si | Cu | Ni | Cr | Mo | V | Ti | Al | B | | Ca | N | Sn |
| 812X39430 | .07 | 1.28 | .009 | .004 | .218 | .018 | .01 | .03 | .004 | .051 | .015 | .035 | .0002 | .029 | .003 | .001 | |
| | CE | | | | | | | | | | | | | | | | |
| | .30 | | | | | | | | | | | | | | | | |
| 822X39430 | .07 | 1.28 | .009 | .004 | .218 | .018 | .01 | .03 | .004 | .051 | .015 | .035 | .0002 | .029 | .003 | .001 | |
| | CE | | | | | | | | | | | | | | | | |
| | .30 | | | | | | | | | | | | | | | | |

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 # 100501