

Customer Name

Customer PO#

Shipper No

Heat Number

SU

P0232099-22

303741

811U04080

Cleveland-Cliffs Burns Harbor LLC

QUALITY ASSURANCE REPORT OF TEST AND ANALYSIS

US HWY 12 Burns Harbor, Indiana

| | | | | | |
|----------------------------------|---------------------------------|--|----------|-------------|---------------|
| SHIPMENT NO. 8KU-02983 | DATE SHIPPED 03-31-22 | CAR OR VEHICLE NO CUSTOMER TRUCK | T | DELT | PAGE 2 |
|----------------------------------|---------------------------------|--|----------|-------------|---------------|

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T
O

| 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 | | | | | |

INCHES INCHES INCHES POUNDS PSI PSI IN % %

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.
 PLATES - AASHTO M-270-20 GR 50 KLD FINE
 GRAIN PRAC NO IMPACTS REQUIRED TYPE
 2, ASTM A709-18 GR 50, ASTM A572-21
 GR 50, ASME SA572 GR 50 2019
 EDITION
 MFST - MFST MILL SERIAL# & PATTERN# MFST PROC ON
 GH820-6510A LIFT MAX 12 TON-SIZES & GRADES SEP
 UNLDG FORK LIFT-SIDE FOR ULTIMATE DELIVERY
 LATER

| | | | | | | | | | | | |
|---------------|---|-----|----|-----|------|--------------|-------|---|----|--|--|
| CO# HOU-70902 | | | | | | GH 414-0720A | | | | | |
| 811U04080 | 1 | .75 | 96 | 240 | 4901 | 52400 | 79300 | 8 | 23 | | |
| W54945902 | | | | | | | | | | | |
| 811U04080 | 1 | .75 | 96 | 240 | 4901 | 52400 | 79300 | 8 | 23 | | |
| W54945903 | | | | | | | | | | | |
| 823V61920 | 1 | .75 | 96 | 240 | 4901 | 55000 | 80900 | 8 | 21 | | |
| W55826001 | | | | | | 53900 | 79400 | 8 | 23 | | |
| 823V61920 | 1 | .75 | 96 | 240 | 4901 | 55000 | 80900 | 8 | 21 | | |
| W55826002 | | | | | | 53900 | 79400 | 8 | 23 | | |

| | | |
|----------------------|----------------------|-------------------------|
| 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 |

| HEAT NUMBER | CHEMICAL ANALYSIS | | | | | | | | | | | | | | MOQUAID GRAIN SIZE |
|-------------|-------------------|----|---|---|----|----|----|----|----|---|----|----|---|----|--------------------|
| | C | Mn | P | S | Si | Cu | Ni | Cr | Mo | V | Ti | Al | B | Cb | |

| | | | | | | | | | | | | | | | | |
|-----------|-----|------|------|------|------|------|-----|-----|------|------|------|------|-------|------|------|------|
| 811U04080 | .17 | 1.19 | .012 | .005 | .289 | .022 | .01 | .03 | .005 | .055 | .002 | .037 | .0002 | .002 | .005 | .003 |
| 823V61920 | .18 | 1.24 | .015 | .006 | .299 | .034 | .02 | .03 | .004 | .063 | .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 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