

REPORT OF CHEMICAL/PHYSICAL TESTS

| | | |
|--------------------|--------------|------|
| CERTIFICATE NO. | DATE | PAGE |
| 1591733 | Feb 14, 2018 | 1 |
| MILL ORDER NO. | DATE | |
| 319505 | | |
| CUSTOMER ORDER NO. | | |
| 298397 | | |
| JOB/REQ. NO. | | |
| | | |
| SHIPPING NO. | DATE | |
| 1591733 | 02/14/2018 | |
| CARRIER | | |
| UNION PACIFIC | | |
| CAR/TRUCK NO. | | |
| TTPX804040 | | |

ISO 9001 REGISTERED
U.S. PLATE PRODUCER

SOLD TO

NORTH SHORE SUPPLY COMPANY
PO BOX 9940
HOUSTON, TX 77213
USA

NORTH SHORE SUPPLY COMPANY
PO BOX 9940
HOUSTON, TX 77213
USA

THIS MATERIAL HAS BEEN MANUFACTURED, TESTED AND FOUND TO MEET THE SPECIFICATIONS AND PURCHASE ORDER REQUIREMENTS
CARBON STRUCTURAL QUALITY PLATE ABS GRADE A/B KILLED FINE GRAIN ASTM A131 GRADE
A/B ASTM A36-14 ASME SA36-17 NO WELD REPAIR. KILLED FINE GRAIN PRACTICE. .80
MIN MN, 1.20 MAX MN, .

PHYSICAL PROPERTIES

| ITEM NO | DESCRIPTION | HEAT NO. | SLAB | YIELD PSI X 100 | TENSILE PSI X 100 | % ELONG 8" 2" | % RA | HARDNESS BHN | BEND TEST | IMPACTS |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|----------|------|--------------------|----------------------|------------------|------|-----------------|--------------|---------|
| WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN MANUFACTURED TO THE APPLICABLE SPECIFICATION AND TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AMERICAN BUREAU OF SHIPPING RULES WITH SATISFACTORY RESULTS. | | | | | | | | | | |
| 3 | 0.4375 X 96.000ME X 480.000 | | | | | | | | | |
| | 4 PCS 22868 LBS | ^ N17247 | | 450 | 650 | 30 | | | | |
| | 1 PC 5717 LBS | ^ N17252 | | 455 | 660 | 30 | | | | |
| | | | | 413 | 630 | 32 | | | | |
| | 5 PCS 28585 LBS TOTALS | | | | | | | | | |



CHEMICAL ANALYSIS

| HEAT NO. | C | Mn | P | S | Si | Cu | Ni | V | Cb | Al | Cr | Mo | Ti | B | N | Ca | CE | McQuaid Ehn Grain Size |
|----------|-----|-----|------|------|-----|-----|-----|------|------|------|-----|-----|----|---|---|----|----|---------------------------|
| ^N17247 | .13 | .85 | .011 | .006 | .21 | .01 | .05 | .007 | .000 | .034 | .03 | .00 | | | | | | |
| ^N17252 | .14 | .85 | .013 | .007 | .21 | .01 | .05 | .003 | .000 | .031 | .03 | .00 | | | | | | |

HEATS INDICATED WITH (+) WERE MELTED & MANUFACTURED IN THE USA. HEATS INDICATED WITH (^) WERE ROLLED IN THE USA.

..... END OF REPORT

Charles D. [Signature]

I certify the above to be correct as contained in the records of EVRAZ INC. NA By _____

Quality Coordinator