

15Mar18 16:

T E S T C E R T I F I C A T E

No: HO, 283229

P/O No 300302

Rel

S/O No HO 204557-001

B/L No HO 182746-001 Shp 16Mar18

Inv No Inv

Sold To: (20336)
NORTH SHORE SUPPLY CO INC
PO BOX 9940
HOUSTON TX 77213

Ship To: (1)
NORTH SHORE SUPPLY CO INC
1566 MILES ST
HOUSTON TX 77213

Tel: 713-453-3533

CERTIFICATE of ANALYSIS and TESTS

Cert. No: HO 283229
15Mar18

Part No

HR BLK PLATE CORRECT LV ASTM A-36/ASME SA-36
3/16 X 96.0000" X 350.0000"

Pcs Wgt
6 10,724

Heat Number

Tag No Mill Tag
N15671 863287 B35802A

Pcs Wgt
2 3,575

YLDH=51.2/TENSH=70.8/ELONH=27.5/MILL=<EVRAZ>

VESSL=<NOKL382029>/MFG=<USA>/YLDC=52.7/TENSC=71.8/ELONC=28.5

N15593

863616 B35780A

4 7,149

YLDH=52.1/TENSH=71.1/ELONH=29.5/MILL=<EVRAZ>

VESSL=<UP211016>/MFG=<USA>/YLDC=51/TENSC=72/ELONC=31.5

Heat Number

*** Chemical Analysis ***

EVRAZ OREGON STEEL

N15593 C=0.1500 Mn=0.8500 P=0.0150 S=0.0050 Al=0.0400 Si=0.2200
Cu=0.0100 Ni=0.0500 Cr=0.0200 Mo=0.0000 V=0.0040 Cb=0.0000
Ti=0.0000 N=0.0038

N15671 C=0.1400 Mn=0.8400 P=0.0100 S=0.0070 Al=0.0410 Si=0.2100
Cu=0.0100 Ni=0.0400 Cr=0.0200 Mo=0.0000 V=0.0000 Cb=0.0000
Ti=0.0000 N=0.0028

ELEMENTS NOT LISTED TEST BELOW DETECTABLE LEVELS

ALL ASTM PLATE PRODUCTS ARE PRODUCED FROM COIL

CENTER TESTS AVAILABLE AT CARGILL

THIS IS TO CERTIFY THAT THE PRODUCT DESCRIBED

HEREIN WAS SAMPLED AND TESTED IN ACCORDANCE

WITH THE SPECIFICATION, TO OUR KNOWLEDGE,

AND FULFILLS REQUIREMENTS IN SUCH RESPECT.

ALL PRODUCT IS PRODUCED FROM COIL. ELONGATION

IS MEASURED FROM A TWO INCH GAGE LENGTH UNLESS

OTHERWISE NOTED.