

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

No: HO 290142

P/O No 311300
 Rel
 S/O No HO 209026-004
 B/L No HO 187752-004 Shp 15Nov18
 Inv No Inv

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

Ship To: (1)
 NORTH SHORE STEEL - YARD 1
 12929 MARKET ST
 HOUSTON TX 77015

Tel: 713-453-3533

 CERTIFICATE of ANALYSIS and TESTS

Cert. No: HO 290142
 15Nov18

Part No
 HR BLK PLATE CORRECT LV ASTM A-36/ASME SA-36
 3/8 X 60.0000" X 120.0000"

Heat Number	Tag No	Mill Tag
P79907	885193	KUP37700
		YLDH=47.1/TENSH=69.6/ELONH=34/MILL=<HYUNDAI>/CNTRY=<KOREA> MELT=<KOREA>/MFG=<KOREA>/YLDC=46.8/TENSC=69.9/ELONC=37.5
P79907	885194	KUP37700
		YLDH=47.1/TENSH=69.6/ELONH=34/MILL=<HYUNDAI>/CNTRY=<KOREA> MELT=<KOREA>/MFG=<KOREA>/YLDC=46.8/TENSC=69.9/ELONC=37.5
P79907	885195	KUP37700
		YLDH=47.1/TENSH=69.6/ELONH=34/MILL=<HYUNDAI>/CNTRY=<KOREA> MELT=<KOREA>/MFG=<KOREA>/YLDC=46.8/TENSC=69.9/ELONC=37.5

Heat Number *** Chemical Analysis ***
 HYUNDAI STEEL
 P79907 C=0.1732 Mn=0.7680 P=0.0137 S=0.0051 Al=0.0290 Si=0.0160
 Cu=0.0180 Ni=0.0100 Cr=0.0300 Mo=0.0000 V=0.0010 Nb=0.0020
 Ti=0.0010 N=0.0039 B=0.0002

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.