


REPORT OF CHEMICAL/PHYSICAL TESTS

CERTIFICATE NO.	DATE	PAGE
1591730	Feb 14, 2018	2
MILL ORDER NO.	DATE	
319504		
CUSTOMER ORDER NO.		
298397		
JOB/REQ. NO.		
SHIPPING NO.	DATE	
1591730	02/14/2018	
CARRIER		
UNION PACIFIC		
CAR/TRUCK NO.		
CW6005		



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
5	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. 0.3125 X 120.000ME X 480.000 3 PCS 15315 LBS 20 PCS 102100 LBS TOTALS	^ N17328		464	655	29				



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
^N17328	.14	.85	.013	.005	.20	.01	.05	.003	.000	.032	.02	.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