


REPORT OF CHEMICAL/PHYSICAL TESTS

CERTIFICATE NO.	DATE	PAGE
1592585	Feb 19, 2018	1
MILL ORDER NO.	DATE	
319504		
CUSTOMER ORDER NO.		
298397		
JOB/REQ. NO.		
SHIPPING NO.	DATE	
1592585	02/19/2018	
CARRIER		
UNION PACIFIC		
CAR/TRUCK NO.		
TTPX804249		



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.										
2	0.2500 X 120.000ME X 480.000									
	3 PCS 12252 LBS	^ N17235		474	660	31				
	9 PCS 36756 LBS	^ N17308		478	665	30				
				472	655	32				
	8 PCS 32672 LBS	^ N17310		484	675	30				
				468	665	31				
	20 PCS 81680 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
^N17235	.14	.88	.016	.004	.23	.01	.05	.005	.000	.039	.02	.00						
^N17308	.14	.89	.013	.005	.22	.01	.05	.003	.000	.036	.02	.00						
^N17310	.15	.87	.012	.008	.23	.01	.05	.003	.000	.044	.02	.00						

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

..... END OF REPORT

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

Quality Coordinator