


REPORT OF CHEMICAL/PHYSICAL TESTS

CERTIFICATE NO.	DATE	PAGE
1632462	Oct 12, 2018	1
MILL ORDER NO.	DATE	
326839		
CUSTOMER ORDER NO.		
306202		
JOB/REQ. NO.		
SHIPPING NO.	DATE	
1632462	10/12/2018	
CARRIER		
UNION PACIFIC		
CAR/TRUCK NO.		
SSW87747		



S
O
L
D
T
O

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.										
1	0.1875 X 96.000ME X 360.000									
	1 PC 1838 LBS	^ N19466		535 530	710 705	25 27		(OUTER) (INNER)		
2	0.1875 X 96.000ME X 480.000									
	29 PCS 71050 LBS	^ N19321		535 490	725 670	29 28		(OUTER) (INNER)		
	11 PCS 26950 LBS	^ N19466		535 530	710 705	25 27		(OUTER) (INNER)		



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
^N19466	.14	.88	.015	.005	.24	.01	.05	.002	.000	.041	.02	.00						
^N19321	.14	.85	.014	.005	.20	.01	.05	.002	.000	.037	.02	.00						
^N19466	.14	.88	.015	.005	.24	.01	.05	.002	.000	.041	.02	.00						

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

I certify the above to be correct as contained in the records of EVRAZ INC. NA By Aaron Capps Quality Coordinator