

REPORT OF CHEMICAL/PHYSICAL TESTS

CERTIFICATE NO.	DATE	PAGE
1535016	Jan 19, 2017	1
MILL ORDER NO.	DATE	
304959		
CUSTOMER ORDER NO.		
280492		
JOB/REQ. NO.		
SHIPPING NO.	DATE	
1535016	01/19/2017	
CARRIER		
UNION PACIFIC		
CAR/TRUCK NO.		
TTPX805502		



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 ASTM A36-14/ASME SA36 2015 ABS GR A/B A131 A/B NO WELD REPAIR. KILLED FINE GRAIN PRACTICE. .80 MIN MN, 1.20 MAX MN, REPORT ALL RESIDUALS PER SA20 TABLE 1(7.1.1).

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	0.1875 X 96.000ME X 480.000									
	2 PCS 4900 LBS	^ N12705		530 610	725 740	31 25		(OUTER) (INNER)		
4	0.2500 X 96.000ME X 480.000									
	23 PCS 75141 LBS	^ N12699		545 620 565 555	745 745 735 710	33 27 26 29		(OUTER) (INNER) (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
^N12705	.15	.86	.018	.004	.23	.01	.05	.010	.000	.041	.03	.00						
^N12699	.14	.88	.014	.004	.22	.01	.05	.007	.000	.038	.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 _____

Quality Coordinator

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ISO 9001 REGISTERED
U.S. PLATE PRODUCER

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HOUSTON, TX 77213
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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
	<p>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.</p> <p>25 PCS 80041 LBS TOTALS</p>									



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
..... 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