

CERTIFICATE NO.	DATE	PAGE
1532099	Dec 28, 2016	1
MILL ORDER NO.	DATE	
304961		
CUSTOMER ORDER NO.		
280492		
JOB/REQ. NO.		
SHIPPING NO.	DATE	
1532099	12/28/2016	
CARRIER		
UNION PACIFIC		
CAR/TRUCK NO.		
SSW88295		

ISO 9001 REGISTERED
U.S. PLATE PRODUCER

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.										
3	0.6250 X 120.000ME X 480.000									
	2 PCS 20420 LBS	^ N12636		425 428	630 640	41 39				
	2 PCS 20420 LBS	^ N12640		412	630	43				
	2 PCS 20420 LBS	^ N12643		433	640	36				
	1 PC 10210 LBS	^ N12649		430	655	34				
	7 PCS 71470 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
^N12636	.14	.87	.014	.004	.23	.02	.05	.008	.000	.036	.02	.00						
^N12640	.14	.88	.013	.006	.22	.02	.05	.007	.000	.037	.03	.00						
^N12643	.14	.86	.014	.006	.23	.01	.05	.005	.000	.038	.02	.00						
^N12649	.15	.89	.017	.004	.26	.02	.05	.008	.000	.036	.02	.00						

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

Charles Perry

..... END OF REPORT

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