

	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	MILL ORDER NO. 304962	DATE		
				CUSTOMER ORDER NO. 280492			
				JOB/REQ. NO.			
		SHIPPING NO. 1532648	DATE 12/30/2016				

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
 A283 GR C NO WELD REPAIR. KILLED FINE GRAIN PRACTICE. .80 MIN MN, 1.20 MAX
 MN, REPORT ALL RESIDUALS PER SA20 TABLE 1(7.1.1). NACE MR0175 P.2 ANNEX A COMPLIANT.

CARRIER UNION PACIFIC
CAR/TRUCK NO. SSW88097

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	0.7500 X 120.000ME X 480.000									
	4 PCS 49008 LBS	^ N12290		447 428	630 625	40 41				
	4 PCS 49008 LBS	^ N12609		427 439	630 625	36 35				
	2 PCS 24504 LBS	^ N12613		462	640	40				
	10 PCS 122520 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
^N12290	.14	.88	.013	.007	.21	.01	.06	.004	.000	.038	.03	.00						
^N12609	.14	.85	.012	.007	.23	.01	.05	.004	.000	.044	.03	.00						
^N12613	.14	.87	.012	.006	.23	.01	.05	.007	.000	.044	.02	.00						

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

..... END OF REPORT