



EVRAZ INC. NA
Evraz Oregon Steel 14400 N. Rivergate Blvd. Portland, Oregon 97203

REPORT OF CHEMICAL/PHYSICAL TESTS

REVISED 8/1/2017

CERTIFICATE NO.	DATE	PAGE
1528248	Nov 28, 2016	1
MILL ORDER NO.	DATE	
305027		
CUSTOMER ORDER NO.		
3528		
JOB/REQ. NO.		
SHIPPING NO.	DATE	
1528248	11/28/2016	
CARRIER		
UNION PACIFIC		
CAR/TRUCK NO.		
TPX805513		



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 2013. KILLED FINE GRAIN
PRACTICE CARBON STRUCTURAL QUALITY PLATE ASTM A709-15 GR36.

PHYSICAL PROPERTIES

ITEM	DESCRIPTION	HEAT NO.	SLAB	YIELD PSI X 100	TENSILE PSI X 100	% ELONG 8" 2"	% RA	HARDNESS BHN	BEND TEST	IMPACTS
2	1.5000 X 96.000ME X 240.000									
	1 PC 9801 LBS	N11839		447	620	35				
	1 PC 9801 LBS	N11841		441	610	36				
	2 PCS 19602 LBS	N11865		439	625	32				
3	1.2500 X 96.000ME X 240.000									
	1 PC 8168 LBS	N11287		419	630	28				
				441	675	34				
	1 PC 8168 LBS	N11539		406	625	26				

CHEMICAL ANALYSIS

HEAT NO.	C	Mn	P	S	Si	Cu	Ni	V	Co	Al	Cr	Mo	Ti	B	N	Ca	CE	Mc
N11839	.14	.88	.013	.005	.23	.01	.05	.002	.000	.047	.02	.00						.30
N11841	.12	.89	.012	.005	.20	.01	.05	.002	.000	.043	.02	.00						.28
N11865	.14	.88	.013	.006	.19	.01	.05	.002	.000	.038	.03	.00						.30
N11287	.14	.88	.015	.007	.21	.01	.05	.006	.000	.034	.02	.00						.30
N11539	.14	.88	.015	.007	.23	.01	.05	.004	.000	.033	.02	.00						.30

HEATS INDICATED WITH (*) WERE MELTED & MANUFACTURED IN THE USA. HEATS INDICATED WITH (**) WERE MELTED IN THE USA.

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

Quality Coordinator