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

NW6236

REPORT OF CHEMICAL/PHYSICAL TESTS

CERTIFICATE NO.	DATE	PAGE
1255606	Aug 30, 2012	2

ISO 9001 REGISTERED U.S. PLATE PRODUCER

SOLD TO

WILKINSON STEEL & METALS INC [EDMN]
ATTN: CATHY STEPANIUK
9525 60 AVE
EDMONTON, AB T6E 0C3
CANADA

WILKINSON STEEL AND METALS INC - ED
9525 60 AVE
EDMONTON, AB T6E 0C3
CANADA

MILL ORDER NO.	DATE
256461	

CUSTOMER ORDER NO.: P20720CT001E

JOB/REQ. NO.:

SHIPPING NO.	DATE
1255606	08/30/2012

CARRIER: UNION PACIFIC

CAR/TRUCK NO.: WHITE

THIS MATERIAL HAS BEEN MANUFACTURED, TESTED AND FOUND TO MEET THE SPECIFICATIONS AND PURCHASE ORDER REQUIREMENTS
EOS CARBON PRESSURE VESSEL QUALITY ASTM A516-06 GRADE 70 ASME SA516 GRADE 70 2010/11A ADD. NORMALIZED PER NACE MR0175 NO WELD REPAIR. PRESSURE VESSEL QUALITY. KILLED FINE GRAIN PRACTICE. LCVN 20 FT.LBF AVG @ -50 F (continued)

PHYSICAL PROPERTIES

ITEM NO	DESCRIPTION	HEAT NO.	SLAB	YIELD PSI X 100	TENSILE PSI X 100	% ELONG 8"	% ELONG 2"	% RA	HARDNESS BHN	BEND TEST	IMPACTS
	(P) 16 FT.LBF MIN. 200 MAX BHN (P).										
3	1.0000 X 96.000ME X 480.000										
	THE FOLLOWING PLATES WERE NORMALIZED AT 1660 DEGS F FOR 45 MINUTES AND AIR COOLED										
	1 PC 13068 LBS 12H0997 ^	NW6236	A28						157		
			A29	530	765	29					
					LCVN @ -50 DEG F 10.0mm 71 115 117 / 101.0 ft.lbf						
	THE FOLLOWING PLATES WERE NORMALIZED AT 1660 DEGS F FOR 45 MINUTES AND AIR COOLED										
	1 PC 13068 LBS 12H0996 ^	NW6236	A29						131		
	4 PCS 52272 LBS TOTALS										

CHEMICAL ANALYSIS

HEAT NO.	C	Mn	P	S	Si	Cu	Ni	V	Cb	Al	Cr	Mo	Ti	B	N	Ca			CE	Measured Grain Size
NW6236	.20	1.33	.011	.005	.33	.02	.05	.027	.005	.033	.02	.00	.002	.0000						

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

..... END OF REPORT .....

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