

**REPORT OF CHEMICAL/PHYSICAL TESTS**

<b>ISO 9001</b> <b>REGISTERED</b> <small>PLATE PRODUCER</small>		<b>SOLD TO</b> 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	
CERTIFICATE NO. 1255606		DATE Aug 30, 2012		PAGE 1	
MILL ORDER NO. 256461		DATE			
CUSTOMER ORDER NO. P20720CT001E					
JOB/REQ. NO.					
SHIPPING NO. 1255606		DATE 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" 2"	% RA	HARDNESS BHN	BEND TEST	IMPACTS
(P)	16 FT.LBF MIN. 200 MAX BHN (P)									
3	1.0000 X 96.0000ME X 480.000 SCHEDULE B:7208.52.00	NW6236	A26	520	760	32				
	THE FOLLOWING PLATES WERE NORMALIZED AT 1660 DEGS F FOR 45 MINUTES AND AIR COOLED									
	1 PC 13068 LBS 12H0999	NW6236	A26	515	765	30		156		
	THE FOLLOWING PLATES WERE NORMALIZED AT 1660 DEGS F FOR 45 MINUTES AND AIR COOLED									
	1 PC 13068 LBS 12H0998	NW6236	A27	520	760	33		159		
	THE FOLLOWING PLATES WERE NORMALIZED AT 1660 DEGS F FOR 45 MINUTES AND AIR COOLED									
	1 PC 13068 LBS 12H0998	NW6236	A28	520	760	33		159		
	THE FOLLOWING PLATES WERE NORMALIZED AT 1660 DEGS F FOR 45 MINUTES AND AIR COOLED									
	1 PC 13068 LBS 12H0998	NW6236	A27	520	760	33		159		
	THE FOLLOWING PLATES WERE NORMALIZED AT 1660 DEGS F FOR 45 MINUTES AND AIR COOLED									
	1 PC 13068 LBS 12H0998	NW6236	A28	520	760	33		159		

**CHEMICAL ANALYSIS**

HEAT NO.	C	Mn	P	S	Si	Cu	Ni	V	Co	Al	Cr	Mo	Ti	B	N	Ca	CE	Max. Bn 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.																		

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

By Richard Deschand Quality Coordinator

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

**REPORT OF CHEMICAL/PHYSICAL TESTS**

**ISO 9001**  
**REGISTERED**  
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

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QUALITY. KILLED FINE GRAIN PRACTICE. LCVN 20 FT.LBF AVG @ -50 F (continued)

**PHYSICAL PROPERTIES**

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(P) 3	16 FT.LBF MIN. 200 MAX BHN (P). 1.0000 X 96.0000ME X 480.000									
	THE FOLLOWING PLATES WERE NORMALIZED AT	1660	DEGS F	FOR 45	MINUTES AND AIR	COOLED				
1 PC	13068 LBS	12H0997	A28	530	765	29		157		
	THE FOLLOWING PLATES WERE NORMALIZED AT	1660	DEGS F	FOR 45	MINUTES AND AIR	COOLED				
1 PC	13068 LBS	12H0996	A29		LCVN @ -50 DEG F	10.0mm		131		
4 PCS	52272 LBS TOTALS	NW6236								

**CHEMICAL ANALYSIS**

HEAT NO.	C	Mn	P	S	Si	Cu	NI	V	Co	Al	Cr	Mo	Ti	B	N	Ca	CE	McQuaid Bhn 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 .....																	

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By Richard Deschand Quality Coordinator

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CERTIFICATE NO.	DATE	PAGE
1255606	Aug 30, 2012	2

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1255606	08/30/2012

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