



Evraz Oregon Steel 14400 N. Rivergate Blvd., Portland, Oregon 97203

EVRAZ INC. NA

REPORT OF CHEMICAL/PHYSICAL TESTS



SOLD TO

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

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

CERTIFICATE NO	DATE
1273240	Dec 07, 2012
MILL ORDER NO	DATE
259701	
CUSTOMER ORDER NO.	
P21108CT001E	
JOB/REQ. NO.	
ULTRAWEAR	
SHIPPING NO.	DATE
1273240	12/07/2012
CARRIER	
T&P TRUCKING	
CAR/TRUCK NO.	
T-P799T	

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 NACE MR 0175-ISO15156-2 ANNEX A PAR.2.1.2 COMPLIANT
COMPLIANT TO NACE MR0103-2007 NO WELD REPAIR. PRESSURE VESSEL (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
	QUALITY. KILLED FINE GRAIN PRACTICE. FT.LBF MIN. 200 MAX BHN (P). AT 1670 EN10204 :2004.	LCVN 20	FT.LBF AVG	@ -50	F (P)	16				
4	0.7500 X 96.000ME X 480.000 SCHEDULE B:7208.51.00.00	NW6365	A28	505	760	26				
	THE FOLLOWING PLATES WERE NORMALIZED AT 1660 DEGS F FOR 41 MINUTES AND AIR COOLED									
	1 PC 9801 LBS 12M1179	NW6365	A28					167		
5	0.6250 X 96.000ME X 240.000 SCHEDULE B:7208.51.00.00	NW6922	A25	535	785	26				
	THE FOLLOWING PLATES WERE NORMALIZED AT 1660 DEGS F FOR 25 MINUTES AND AIR COOLED									

CHEMICAL ANALYSIS

HEAT NO.	C	Mn	P	S	Si	Cu	Ni	V	Co	Al	Cr	Mo	Ti	B	N	Ca	CE	REMARKS
NW6365	.19	1.30	.013	.003	.32	.01	.05	.023	.005	.038	.03	.00	.003	.0000				
NW6922	.20	1.29	.009	.007	.33	.01	.05	.023	.005	.039	.02	.00	.004	.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 _____

QUALITY COORDINATOR

INS

EVS22MFC06-1 NEWNES PRECISIO - Cert#: P21108CT001-NW6922-14034