



EVRAZ INC. NA

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

REPORT OF CHEMICAL/PHYSICAL TESTS

CERTIFICATE NO.	DATE	PAGE
1622114	Aug 14, 2018	1
MILL ORDER NO.	DATE	
325542		
CUSTOMER ORDER NO.		
V14691		
JOB/REQ. NO.		
SHIPPING NO.	DATE	
1622114	08/14/2018	
CARRIER		
BURLINGTON NORTHERN		
CAR/TRUCK NO.		
TTPX80429		



SOLD TO

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 2017 CSA G40.21-13 44W
 (300W) CSA G40.21-13 38W (260W) A709-36 ASTM A709-17 GRADE 36 [250]. KILLED
 FINE GRAIN PRACTICE. .15 MIN C , .80 MIN MN, 1.20 MAX MN, HOT (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
	ROLLED STEEL PLATES. INSPECTION CERTIFICATE 3.1 EN10204 : 2004.									
1	0.2500 X 120.000ME X 480.000 PT# 025120480A36									
	3 PCS 12252 LBS	^ N18689		505	715	27				
	6 PCS 24504 LBS	^ N18691		483	700	25				
	5 PCS 20420 LBS	^ N18695		485	695	26				
	8 PCS 32672 LBS	^ N18940		515	725	29				
	8 PCS 32672 LBS	^ N18946		494	720	25				
	7 PCS 28588 LBS	^ N18949		481	695	25				

CHEMICAL ANALYSIS

HEAT NO.	C	Mn	P	S	Si	Cu	Ni	V	Cb	Al	Cr	Mo	Ti	B	N	Ca	CE	McQuay Ehn Grain Size
N18689	.18	.90	.013	.006	.27	.01	.05	.004	.000	.040	.02	.00						
N18691	.18	.89	.014	.005	.26	.01	.05	.003	.000	.036	.02	.00						
N18695	.18	.87	.012	.006	.24	.01	.05	.003	.000	.035	.02	.00						
N18940	.19	.91	.018	.006	.25	.01	.05	.005	.000	.025	.02	.00						
N18946	.19	.89	.015	.006	.24	.01	.05	.004	.000	.028	.02	.00						
N18949	.18	.88	.016	.008	.24	.01	.05	.003	.000	.029	.02	.00						

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



EVRAZ INC. NA

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

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ISO 9001

REGISTERED

U.S. PLATE PRODUCER

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	ROLLED STEEL PLATES. INSPECTION CERTIFICATE 3.1 EN10204 :2004.									
	37 PCS 151108 LBS TOTALS									

CHEMICAL ANALYSIS

HEAT NO.	C	Mn	P	S	Si	Cu	Ni	V	Cb	Al	Cr	Mo	Ti	B	N	Ca	CE	McQuay Ehn Grain Size
.....	END OF REPORT																	

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

Quality Coordinator