

552139907



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

REPORT OF CHEMICAL/PHYSICAL TESTS



ISO 9001
REGISTERED
PLATE PRODUCER

THIS MATERIAL HAS BEEN MANUFACTURED, TESTED AND FOUND TO MEET THE SPECIFICATIONS AND PURCHASE ORDER REQUIREMENTS
HSLA STRUCTURAL QUALITY PLATE ASTM A572-21 GRADE 50 ASME SA572 GRADE 50 2021
ASTM A709-21 GRADE 50 AASHTO M270-20 GRADE 345(50). KILLED FINE GRAIN
PRACTICE. LCVN 15 FT.LBF AVG @ -20 F (H). INSPECTION CERTIFICATE 3.1 EN10204.

CERTIFICATE NO	1870548	DATE	May 30, 2023	PAGE	1
BILL ORDER NO	387673	DATE			
CUSTOMER ORDER NO	TP010444				
JOB/REQ NO					
SHIPPING NO	1870548	DATE	05/30/2023		
CARRIER	UNION PACIFIC				
CARTRUCK NO	UP262138GRAY				

PHYSICAL PROPERTIES

FORM	DESCRIPTION	HEAT NO.	SLAB	YIELD PSI X 100	TENSILE PSI X 100	% ELONG 8" 2"	% RA	HARDNESS BRN	BEND TEST	IMPACTS
1	0.2500 X 96.000ME X 240.000									
	10 PCS 16340 LBS	RS9528		580	705	40				
					LCVN @ -20	DEG F		5.0mm		87 81 99 / 89 ft.lbf
	10 PCS									16340 LBS TOTALS

CHEMICAL ANALYSIS

HEAT NO.	C	Mn	P	S	SI	Cu	NI	V	Co	N	Cr	Mo	TI	B	N	Ca	CE
RS9528	.05	.87	.010	.007	.24	.35	.12	.003	.023	.027	.14	.04	.022		.0095		
HEATS INDICATED WITH (+) WERE MELTED & MANUFACTURED IN THE USA. HEATS INDICATED WITH (✓) WERE ROLLED IN THE USA.																	
END OF REPORT																	

J. S. [Signature]

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

By _____
Quality Systems Coordinator

91025

5500134907

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

REPORT OF CHEMICAL/PHYSICAL TESTS

ISO 9001 REGISTERED US PLATE PRODUCT	SOLD TO
CERTIFICATE NO. 1881446 DATE Aug 10, 2023 PAGE 1 MILL ORDER NO. 389217 CUSTOMER ORDER NO. TPP010488 JOBREQ. NO. SHIPPING NO. 1881446 DATE 08/10/2023 CARRIER UNION PACIFIC CAB/TRUCK NO. GREEN	

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 ASTM A709-21 GRADE 50 AASHTO M270-20 GRADE 345(50). KILLED FINE GRAIN
 PRACTICE. LCVN 15 FT. LBF AVG @ -20 F (H). INSPECTION CERTIFICATE 3.1 EN10204.

PHYSICAL PROPERTIES

ITEM NO.	DESCRIPTION	HEAT NO.	SLAB	YIELD PSI X 100	TENSILE PSI X 100	% BONG 8" 2"	% RA	HARDNESS BHN	BEND TEST	IMPACTS
2	0.2500 X 96.000ME X 240.000									
	6 PCS 9804 LBS	RS9869								
				590	LCVN 2	-20	DEG F	5.0mm	88	95 98 / 94 ft. lbf
				605	735	40		(OUTER)		
				610	735	37		(OUTER)		
				650	740	35		(INNER)		
					775	36		(INNER)		
					LCVN 2	-20	DEG F	5.0mm	82	84 77 / 81 ft. lbf
					LCVN 2	-20	DEG F	5.0mm	72	71 86 / 76 ft. lbf

6 PCS 9804 LBS TOTALS

CHEMICAL ANALYSIS

HEAT NO.	C	Mn	P	S	Si	Cu	Ni	V	Cr	Al	Ca	CE		
RS9869	.06	.57	.009	.006	.12	.24	.10	.001	.022	.030	.09	.06	.001	.0083

HEATS INDICATED WITH (+) WERE MELTED & MANUFACTURED IN THE USA. HEATS INDICATED WITH (-) WERE ROLLED IN THE USA.
 END OF REPORT

certify the above to be correct as contained in the records of EVRAZ INC. NA By *J. S. [Signature]* Quality Systems Coordinator *PL025*

SSW139A07

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

REPORT OF CHEMICAL/PHYSICAL TESTS

ISO 9001 REGISTERED <small>AS PLATE PRODUCER</small>	SOLD TO TRINITY PRODUCTS LLC (HOUSTON) 1969 W TERRA LANE O FALLON, MO 63366 USA	TRINITY PRODUCTS LLC (HOUSTON) NORTHWOODS IND PARK WEST HOUSTON, TX 77041 USA

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 PRACTICE. LCVN 15 FT. LBF AVG @ -20 F (H). INSPECTION CERTIFICATE 3.1 EN10204.

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
1	0.2500 X 96.000ME X 240.000									
	1 PC 1634 LBS	RS9517		590	715	32				
				565	730	42				
2	0.3750 X 96.000ME X 240.000									
	4 PCS 9800 LBS	RS9536		645	725	45				
	5 PCS 11434 LBS TOTALS									

CHEMICAL ANALYSIS

HEAT NO.	C	Mn	P	S	SI	Cu	NI	V	Co	Al	Cr	Mo	TI	B	N	Ca	CE	Wt. %
RS9517	.05	.90	.009	.004	.25	.32	.15	.003	.024	.031	.09	.05	.024		.0091			
RS9536	.05	.89	.015	.008	.24	.47	.16	.003	.024	.032	.21	.06	.020		.0088			

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

By J. S. [Signature]
 Quality Systems Coordinator
 P1025

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