

REPORT OF CHEMICAL/PHYSICAL TESTS



SOLD TO

THIS MATERIAL HAS BEEN MANUFACTURED, TESTED AND FOUND TO MEET THE SPECIFICATIONS AND PURCHASE ORDER REQUIREMENTS CARBON STRUCTURAL QUALITY PLATE ASTM A36-19/ASME SA36 2021 ABS GRADE A (2023) ASTM A709-21 GRADE 36 [250] NO WELD REPAIR. KILLED FINE GRAIN PRACTICE. SLAB SOURCE: EVRAZ REGINA, CANADA.

PHYSICAL PROPERTIES

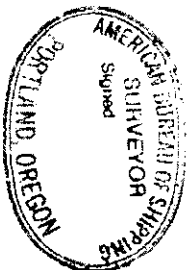
CERTIFICATE NO.	DATE	PAGE
1874165	Jun 21, 2023	1
MILL ORDER NO.	DATE	
388935		
CUSTOMER ORDER NO.		
KN-689		
JOB/REQ. NO.		
SHIPPING NO.	DATE	
1874165	06/21/2023	
CARRIER		
UNION PACIFIC		
CAR/TRUCK NO.		
TTPX804206		

ITEM NO.	DESCRIPTION	HEAT NO.	SLAB	YIELD PSI X 100	TENSILE PSI X 100	% ELONG 8" 2"	% RA	HARDNESS BHN	BEND TEST	IMPACTS
3	0.3125 X 120.000ME X 480.000									
	2 PCS 10210 LBS	RS9789		585	690	45				
	7 PCS 42882 LBS	RS9793		565	675	43				
	4 PCS 24504 LBS	RS9797		555	670	48				
4	0.3750 X 120.000ME X 480.000									

CHEMICAL ANALYSIS

HEAT NO.	C	Mn	P	S	Si	Cu	NI	V	CB	Al	Cr	MO	TI	B	N	Ca	CE	McQuaid Ehtn Grain Size
RS9789	06	.85	.012	.004	.22	.29	.11	.003	.022	.031	.16	.03	.021	.0004	.0072	.0014		
RS9793	05	.83	.010	.004	.24	.26	.12	.003	.022	.033	.11	.04	.023	.0003	.0087	.0011		
RS9797	05	.84	.011	.006	.24	.28	.11	.003	.023	.032	.13	.03	.020	.0003	.0099	.0013		

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



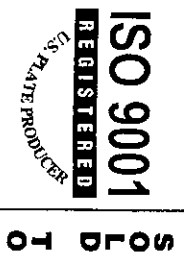
I certify the above to be correct as contained in the records of EVRAZ INC. NA

By

Joanna Taylor

Quality Systems Coordinator

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 CARBON STRUCTURAL QUALITY PLATE ASTM A36-19/ASME SA36 2021 ABS GRADE A (2023)
 ASTM A709-21 GRADE 36 (250) NO WELD REPAIR. KILLED FINE GRAIN PRACTICE. SLAB
 SOURCE: EVRAZ REGINA, CANADA.

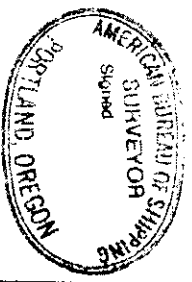
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4	0.3750 X 120.000ME X 480.000	RS99229		585	690	48				
6 PCS	36756 LBS	RS9798		590	685	46				
4 PCS	24504 LBS	RS9799		545	655	46				
4 PCS	24504 LBS	RS9928		565	675	45				
3 PCS	18378 LBS	RS9929		575	680	47				

CHEMICAL ANALYSIS

HEAT NO.	C	Mn	P	S	Si	Cu	Ni	V	Co	Al	Cr	Mo	Ti	B	N	Ca	CE	McQuaid Pm Grain Size
RS9798	.05	.88	.010	.005	.24	.34	.13	.003	.021	.038	.14	.03	.020	.0003	.0071	.0025		
RS9799	.05	.84	.010	.004	.25	.34	.12	.003	.022	.032	.14	.04	.023	.0002	.0092	.0015		
RS9928	.05	.85	.007	.005	.24	.30	.13	.003	.023	.033	.10	.03	.022	.0003	.0082	.0025		
RS9929	.05	.86	.011	.004	.24	.35	.11	.003	.022	.038	.12	.03	.021	.0003	.0084	.0028		



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

For a *Yard*

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 SOURCE: EVRAZ REGINA, CANADA.

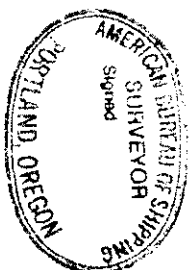
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HEAT NO.	SLAB	YIELD PSI X 100	TENSILE PSI X 100	% ELONG 8" 2"	% RA	HARDNESS BHN	BEND TEST	IMPACTS
WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN MANUFACTURED TO THE APPLICABLE SPECIFICATION AND TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AMERICAN BUREAU OF SHIPPING RULES WITH SATISFACTORY RESULTS.								
4	0.3750 X 120.000ME X 480.000							
1 PC	6126 LBS	590	695	45				
1 PC	6126 LBS	550	665	52				
1 PC	6126 LBS	595	705	42				
		535	665	40				
32 PCS 193990 LBS TOTALS								

CHEMICAL ANALYSIS

HEAT NO.	C	Mn	P	S	SI	CU	NI	V	CB	AL	CR	MO	TI	B	N	CA	CE	Mg/Qual Etm Grain Size
RS9930	05	84	010	005	25	35	12	002	023	036	11	03	022	0003	0085	0022		
RS9932	06	90	011	006	24	32	14	002	023	033	11	04	021	0003	0087	0024		
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 _____

J. J. J. J.
Yanf