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

REPORT OF CHEMICAL/PHYSICAL TESTS

CORRECTED COPY-REPLACES 1872073

CERTIFICATE NO.	DATE	PAGE
1876801	Jul 10, 2023	1

ISO 9001 REGISTERED U.S. PLATE PRODUCER

SOLD TO

CHAPEL STEEL-TEXAS
ATTN:ACCOUNTS PAYABLE DEPT
590 N BETHLEHEM PIKE
LOWER GWYNEDD, PA 19034
USA

CHAPEL-STEEL-TX
6605 N HOUSTON-ROSSYLN RD
BN TRACK 7207
HOUSTON, TX 77091

MILL ORDER NO.	DATE
388663	

CUSTOMER ORDER NO.: HOU-10967

JOB/REQ. NO.:

SHIPPING NO.	DATE
1876801	06/08/2023

CARRIER: UNION PACIFIC

CAR/TRUCK NO.: SSW87549

THIS MATERIAL HAS BEEN MANUFACTURED, TESTED AND FOUND TO MEET THE SPECIFICATIONS AND PURCHASE ORDER REQUIREMENTS
OSM CARBON STRUCTURAL QUALITY PLATE ASTM A36-19/ASME SA-36 2021 ABS GRADE A/B
ASTM A709-21 GRADE 36 [250] NO WELD REPAIR. KILLED FINE GRAIN PRACTICE. HOT
ROLLED STEEL PLATES ALL MATERIAL CERTIFIED HEREIN WAS MELTED & (continued)

PHYSICAL PROPERTIES

ITEM NO	DESCRIPTION	HEAT NO.	SLAB	YIELD PSI X 100	TENSILE PSI X 100	% ELONG 8"	% ELONG 2"	% RA	HARDNESS BHN	BEND TEST	IMPACTS
	ROLLED THE USA OR CANADA.										
	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.										
1	0.1875 X 96.000ME X 480.000										
	6 PCS 14700 LBS ^	RS9495		620	715		41				
	6 PCS 14700 LBS ^	RS9496		595	705		42				
	5 PCS 12250 LBS ^	RS9513		545 595	670 695		46 42				
	5 PCS 12250 LBS ^	RS9515		600	705		40				

AMERICAN BUREAU OF SHIPPING SURVEYOR Signed PORTLAND, OREGON

CHEMICAL ANALYSIS

HEAT NO.	C	Mn	P	S	Si	Cu	Ni	V	Cb	Al	Cr	Mo	Ti	B	N	Ca			CE	McQuaid Ehn Grain Size
^RS9495	.04	.84	.008	.004	.25	.33	.14	.003	.023	.036	.12	.05								
^RS9496	.05	.83	.015	.008	.24	.32	.13	.003	.022	.027	.16	.05								
^RS9513	.05	.84	.009	.002	.25	.37	.13	.003	.022	.034	.10	.03								
^RS9515	.05	.84	.009	.003	.23	.41	.14	.002	.021	.029	.10	.03								

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 Supervisor