



REPORT OF CHEMICAL/PHYSICAL TESTS

CERTIFICATE NO. 1847361 DATE Dec 02, 2022 PAGE 1
 MILL ORDER NO. 381897 DATE
 CUSTOMER ORDER NO. Ranger Steel
 15818 QC Approved
 JOB REQ. NO. DATE
 SHIPPING NO. 1847361 DATE 12/02/2022
 CARRIER UNION PACIFIC
 CAR/TRUCK NO. SSW88179

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 MIN 0.80 - 1.20 ASTM
 A709-17 GRADE 36 AASHTO M270-15 GRADE 250(36). KILLED FINE GRAIN PRACTICE.
 INSPECTION CERTIFICATE 3.1 EW10204.

PHYSICAL PROPERTIES

HEAT NO.	DESCRIPTION	HEAT NO.	SLAB	YIELD PSI X 100	TENSILE PSI X 100	% ELONG 8"	% RA	HARDNESS BHN	REND TEST	IMPACTS
1	0.2500 X 120.000ME X 480.000									
	2 PCS 8168 LBS	+ GW0548		490	700	44				
	3 PCS 12252 LBS	^ TB0142		490	700	44				
	4 1.0000 X 120.000ME X 480.000			465	695	35				
	1 PC 16335 LBS	^ RS7935		510	680	42				
	6 PCS 36755 LBS TOTALS			490	640	58				

CHEMICAL ANALYSIS

HEAT NO.	C	Mn	P	S	Si	Cu	Ni	V	Co	Al	Cr	Mo	Ti	B	N	Ca	CE	McQing Bn Asm Bn
GW0548	.15	.85	.011	.005	.24	.02	.01	.001	.002	.030	.04	.00						
TB0142	.13	.02	.012	.003	.20	.01	.00	.013	.011	.035	.02	.00						
RS7935	.05	.86	.009	.005	.22	.35	.12	.002	.023	.024	.09	.03						
HEATS INDICATED WITH (+) HERE MELTED & MANUFACTURED IN THE USA. HEATS INDICATED WITH (^) WERE ROLLED IN THE USA.																		
..... END OF REPORT																		

J. J. ...

From: Service Steel Warehouse Date: 2/23/2023 To: SENTRY SUPPLY dba SO#: A752211 Ln#: 2
 PO#: P0239593 Part: PL025060* Qty: 8 Heat#: TB0142* Tag: B12022223

REPORT OF CHEMICAL/PHYSICAL TESTS

ISO 9001
 REGISTERED
 IN PLATEFORM

SOLD TO

CUSTOMER ORDER NO. **Ranger Steel**
 JOB/REQ. NO. **QC Approved**

SHIPPING NO. **1851863** DATE **01/17/2023**

CARRIER **UNION PACIFIC**
 CAPTRUCK NO. **CW6022**

THIS MATERIAL HAS BEEN MANUFACTURED, TESTED AND FOUND TO MEET THE SPECIFICATIONS AND PURCHASE ORDER REQUIREMENTS
 CARBON STRUCTURAL QUALITY FLATE ASTM A36-19/ASME SA36 2021 MN 0.80 - 1.20 ASTM
 A709-17 GRADE 36 AASHTO M270-15 GRADE 250(36). KILLED FINE GRAIN PRACTICE.
 INSPECTION CERTIFICATE 3.1 EN10204.

PHYSICAL PROPERTIES

ITEM	DESCRIPTION	HEAT NO.	SLAB	YIELD PSIX 100	TENSILE PSIX 100	% ELONG 8" 2"	% RA	HARDNESS BHN	BEND TEST	IMPACTS
2	0.2500 X 96.000ME X 360.000 6 PCS 14700 LBS	RS8082		580 625 605 610	740 765 750 755	40 37 36 37		(OUTER) (OUTER) (INNER) (INNER)		
3	0.2500 X 96.000ME X 480.000 14 PCS 45738 LBS	RS8083		610 600 635 640	765 745 770 765	33 40 33 36		(OUTER) (OUTER) (INNER) (INNER)		
	7 PCS 22869 LBS	RS8089		590 625	730 755	38 35		(OUTER) (INNER)		

CHEMICAL ANALYSIS

HEAT NO.	C	Mn	P	S	Si	Cu	Ni	V	Co	Al	Cr	Mo	Ti	B	N	Ca	CE
RS8082	05	.84	.014	.003	24	.36	.11	.002	.025	.044	.11	.03					
RS8083	05	.83	.011	.002	25	.38	.12	.002	.022	.036	.10	.03					
RS8089	06	.83	.010	.002	25	.27	.13	.002	.022	.030	.13	.03					
HEATS INDICATED WITH (+) WERE MELTED & MANUFACTURED IN THE USA. HEATS INDICATED WITH (^) WERE ROLLED IN THE USA.																	

[Handwritten Signature]

From: Service Steel Warehouse Date: 2/23/2023 To: SENTRY SUPPLY dba SO#: A752211 Ln#: 2
 PO#: P0239593 Part: PL025060* Qty: 8 Heat#: TB0142* Tag: B12022223

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