

**SUPERIOR SUPPLY & STEEL**

(36) PLATE A36 / ABS GRADE A/B  
3/8" X 48.0000" X 120.0000"  
PART NO.

PO/Rel 178937-1 /Reagan

**Certificate of Mill Test Results**


SO HOU-088569-001

1Mar17  
Pg 1/2




Attn:

**EVRAZ** | EVRAZ INC. NA  
Evraz Oregon Steel 14029 N. Rivergate Blvd., Portland, Oregon 97223

**REPORT OF CHEMICAL/PHYSICAL TESTS**


	<b>SOLD TO</b>	CHAPEL STEEL-TEXAS ATTN:ACCOUNTS PAYABLE DEPT 590 N BETHLEHEM PIKE LOWER GWYNEDD, PA 19034 USA	CHAPEL-STEEL-TX 6605 N HOUSTON-ROSSYLN RD BM TRACK 7207 HOUSTON, TX 77091	CERTIFICATE NO. 1528187 DATE Nov 28, 2016 PAGE 1
		MILL ORDER NO. 305053 DATE		CUSTOMER ORDER NO. HOU-8051 JOBTRK NO.
		SHIPPING NO. 1528187 DATE 11/28/2016		CARRIER BURLINGTON NORTHERN CAR/TRUCK NO. BNB545787
		THIS MATERIAL HAS BEEN MANUFACTURED, TESTED AND FOUND TO MEET THE SPECIFICATIONS AND PURCHASE ORDER REQUIREMENTS CARBON STRUCTURAL QUALITY PLATE ABS GRADE A/B KILLED FINE GRAIN ASTM A36-14/ASME SA36 2013 ASTM A709-13 GRADE 36[250] NO WELD REPAIR. KILLED FINE GRAIN PRACTICE. 36 KSI MIN YIELD. HOT ROLLED STEEL PLATES.		
		PHYSICAL PROPERTIES		

ITEM	DESCRIPTION	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.										
1	0.3125 X 120.0000 X 480.000 3 PCS 15315 LBS	N11075		480	665	30				
3	0.3750 X 120.0000 X 480.000 4 PCS 24504 LBS	N12208		497	650	31				
5	0.5000 X 120.0000 X 480.000 3 PCS 24504 LBS	N12202		452 478	650 670	29 27				


 P 03251972  
  


CHEMICAL ANALYSIS																		
HEAT NO.	C	Mn	P	S	SI	CU	NI	V	CB	AL	CR	MO	TI	B	N	Ca	CE	REMARKS
N11075	14	.85	.014	.006	22	.01	.05	.006	.000	.036	.02	.00						
N12208	14	.87	.012	.004	21	.01	.05	.006	.000	.040	.03	.00						
N12202	15	.89	.012	.006	20	.01	.05	.006	.000	.032	.03	.00						

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

  
 Charles Perry Quality Coordinator

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

FROM: EVRAZ OREGON STEEL  
 503 240 5288  
 12/05/2016 14:07  
 #351 P.008/061

**SUPERIOR SUPPLY & STEEL**

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3/8" X 48.0000" X 120.0000"  
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1 Mar 17  
Pg 2/2

Attn:



**REPORT OF CHEMICAL/PHYSICAL TESTS**

	<b>SOLD TO</b>	CHAPEL STEEL-TEXAS ATTN:ACCOURTS 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	CERTIFICATE NO. 1528187 DATE Nov 28, 2016 PAGE 2
		MILL ORDER NO. 305053 DATE		CUSTOMER ORDER NO. HOU-8051 JOURNAL NO.
		SHIPPING NO. 1528187 DATE 11/28/2016		CARRIER BURLINGTON NORTHERN CARTRUCK NO. BNSF545787
		THIS MATERIAL HAS BEEN MANUFACTURED, TESTED AND FOUND TO MEET THE SPECIFICATIONS AND PURCHASE ORDER REQUIREMENTS CARBON STRUCTURAL QUALITY PLATE ABS GRADE A/B KILLED FINE GRAIN ASTM A36-14/ASME SA36 2013 ASTM A709-13 GRADE 36(250) NO WELD REPAIR. KILLED FINE GRAIN PRACTICE. 36 KSI MIN YIELD. HOT ROLLED STEEL PLATES.		

**PHYSICAL PROPERTIES**

QNTY	DESCRIPTION	HEAT NO.	SLAB	YIELD PSI X 100	TENSILE PSI X 100	% ELONG 8" 2"	% RA	HARDNESS BHN	SEMI 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.										
5	0.5000 X 120.0000 X 480.000									
	3 PCS 24504 LBS	N12233		459 463	645 655	33 27				
	13 PCS 88827 LBS TOTALS									

P 08251972

**CHEMICAL ANALYSIS**

HEAT NO.	C	Mn	P	S	SI	Cu	N	V	Co	Al	Cr	Mo	Ti	B	N	Ce	REMARKS
N12233	.14	.87	.013	.004	.24	.01	.05	.010	.000	.045	.03	.00					
HEATS INDICATED WITH (+) WERE MELTED & MANUFACTURED IN THE USA. HEATS INDICATED WITH (^) WERE ROLLED IN THE USA.																	
..... END OF REPORT .....																	

Charles Perry Quality Coordinator

I certify the above to be correct as contained in the records of EVRAZ INC. NA By \_\_\_\_\_ Charles Perry Quality Coordinator

FROM: EVRAZ OREGON STEEL

503 240 5268

12/05/2016 14:07

#351 P.009/061