

# SUPPLIER NONCONFORMANCE REPORT

Date 5/9/08

Number: 1159

Company: Vulcan Products Co.

PPPL PO# PE007970-W

Item Drawing/Part# SE185-311 Part 01

Job Description: NCSX FPA Station 3 Fixture

Hold Tag Applied? Yes

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NONCONFORMING CONDITION (include requirement(s) violated):

Drawing calls for ASTM A36 material. Vulcan ordered A36 material with certification. The certification provided does not identify any standard other than "commercial quality" and lists no mechanical properties. The listed chemistry conforms to A36.

Reported By D. Barber - Vulcan

Date 5/9/08

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RECOMMENDED DISPOSITION (include actions to prevent recurrence):

Use-As-Is

Reject

Disposition By: \_\_\_\_\_

Date \_\_\_\_\_

PPPL Concurrence \_\_\_\_\_

Cognizant Engineer (COG)

Date \_\_\_\_\_

PPPL Concurrence \_\_\_\_\_

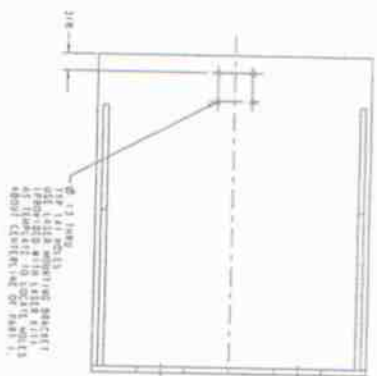
Responsible Line Manager (RLM)

Date \_\_\_\_\_

DISTRIBUTION

Dwg. No. <b>SE185-311</b>	Rev. <b>0</b>	P.O. No. <b>PE007970-W</b>	Rec. No. <b>1</b>	Qty. Rec'd <b>1</b>	Date Prep <b>05-07-08</b>	Date Comp.	%	Qty. Scrap
Part Name <b>Front Laser Paw</b>	Location <b>---</b>	Vendor <b>Cust</b>		Qty. Insp. <b>1</b>	Prep By <b>dhb</b>	Comp. By		Qty. RTU
Work Order No. <b>d30a21-005</b>	Op. Recv. <b>Recv.</b>	Next Op. Prod. <b>Prod.</b>	Vendor Part No. <b>SE186-311-01</b>	Qty. Rej. <b>1</b>	Verif. By <b>dhb</b>	Rework \$	Scrap \$	Qty. Acc.
ITEM	REQUIREMENT/INSPECTION RESULTS		CLASS	DISPOSITION/INSTRUCTIONS		DISP. APPROVAL DATE		
1.	Required material per drawing is 1/8" THK ASTM A36 material.			VPC is submitting this report as a nonconformance. would like to ship "as is"		INSPECTOR <b>Dave Baker 5/9/08</b>		
	Material certifications do not show that material is certified to A36.					DESIGN ENGR		
	1/8" x 6 FB					PROCUREMENT		
						PLANNING		
						REWORK COMP. BY		
						MFG. INSP		
CAUSE AND CORRECTIVE ACTION								
1. PO was written correct in ordering A36 material.								
2. Corrective Action to Supplier to:								
a) Send MATERIAL that is ordered on VPC PO.								
b) Provide material certs in timely manner								
RESPONSIBLE ORG.								
<input type="checkbox"/> ENGINEERING <input type="checkbox"/> PLANNING <input type="checkbox"/> TOOL DESIGN <input type="checkbox"/> MACH SHOP <input type="checkbox"/> FAB SHOP <input checked="" type="checkbox"/> ASSEMBLY <input checked="" type="checkbox"/> INSPECTION <input type="checkbox"/> PROD. CONTROL <input type="checkbox"/> VENDOR PROCUREMENT								
RESP. ORG. SIGNATURE								

V.R. OSA COPY

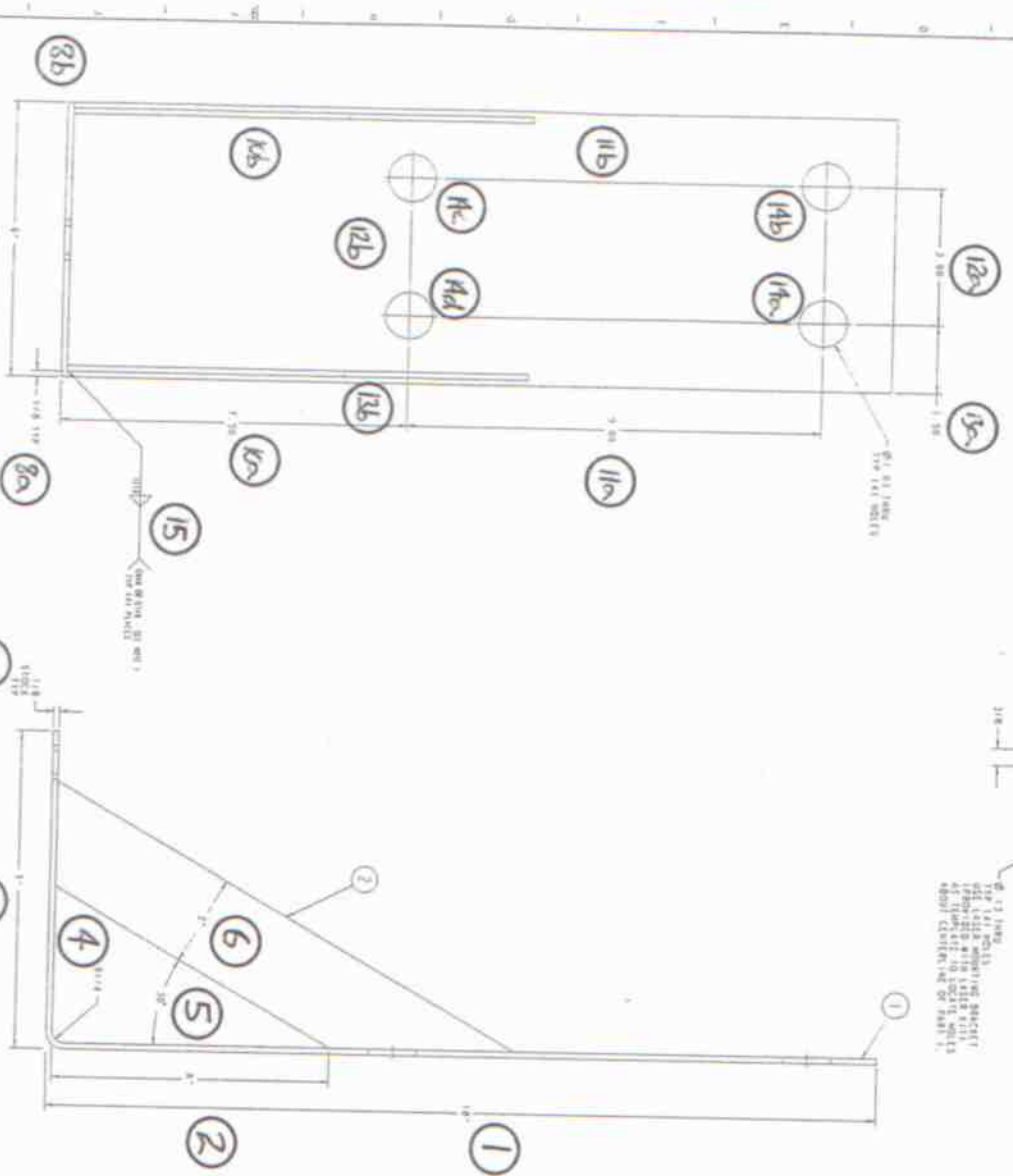


**NOTES**

1. MOUNTING BRACKET SHALL BE PROVIDED IN ACCORDANCE WITH THE DRAWING AND SHALL BE PROVIDED IN ACCORDANCE WITH THE DRAWING.
2. ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH THE DRAWING.

VPC Wb 03091-005

3-Dimensional Drawing



01 ASSEMBLY - FRONT LASER PEN MOUNTING BRACKET WELDMENT  
SCALE: 1:1000

RELEASE LEVEL: Fabrication  
DWG VERSION: NO. 8

REV	DATE	DESCRIPTION	BY	CHKD
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

PROJECT: 01 ASSEMBLY - FRONT LASER PEN MOUNTING BRACKET WELDMENT	DATE: 03/09/2005
DRAWN: [Name]	CHECKED: [Name]
APPROVED: [Name]	DATE: 03/09/2005
SCALE: 1:1000	
REVISIONS: NO. 8	

**Metallurgical Test Report**

J. Steelberg Supply, Inc. certifies materials are melted and manufactured in the USA unless specified as Import, Unknown, or left blank in the column "Originating Mill".

Vendor

**J. Steelberg Supply, Inc.**  
 P.O. Box 366  
 Payson UT 84651

<sup>1045</sup> **Northwest Steel & Pipe**  
 P.O. Box 11247  
 Tacoma WA 98411

Same

Shipped

J. Steelberg Delivery Number: 7717	Purchase Order Number 1598	Date of Shipment 1/31/2008
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Heat	Specification	Originating Mill
20706700	Commercial Quality	
A43638	Commercial Quality	Gallatin
C43596	Commercial Quality	Gallatin

This report consolidates test reports or material contents per item as shown and held in our records. The chemistries and physicals when required, meet the specification as shown. Transition heats are specified as CO material with NA heat. Chemistry for transition heats are nominal and show only the data we have available. Buyer assumes all responsibility for end use and application of any materials herein.

*Curt Paulson*  
 Curt Paulson / Quality Assurance

Qty / Thickness / Width / Length	Weight	Heat	Mat ID	Test ID	Yield	Tensile	% Elong 2"	% Elong 8"
4bdl 1/8" 6" x 20' HRCQ Strip	8160#	2070670	B194205					
6bdl 1/8" 4" x 20' HRCQ Strip	12036#	A43638	127098					
		C43596	127329					

Chemistries	C	MIN	P	S	SI	CU	NI	CR	MO	SN	AL	N	V	B	TI	CB	AS	CA
20706700	.04	.24	.008	.002	.020	.09	.05	.07	.020	.007	.021	.0097	0.000	.000	.001	0.000		.0014
A43638	.19	.80	.019	.006	.090	.14	.04	.05	.020	.007	.020	.0090	0.000	.005	.001	0.000		.0015
C43596	.05	.29	.010	.006	.020	.11	.04	.05	.020	.007	.020	.0090	0.000	.005	.001	0.000		.0015



Steel Dynamics, Inc.  
4500 Country Road 59  
Butler, IN 46721 USA  
Telephone (260) 888-8000  
Fax (260) 868-8965

# CHEMICAL/PHYSICAL CERTIFICATION



<u>Customer #</u>	<u>Part #</u>	<u>PO #</u>	<u>Order #</u>	<u>Line Item #</u>	<u>Coil #</u>	<u>Heat #</u>	<u>Coil Weight (lbs)</u>
16		030207HRS - 1	156746	6	07B194205	20706700	52,080
<u>Width (In)</u>	<u>Gauge (In)</u>	<u>Length (ft)</u>	<u>Material Specification</u>	<u>Product Description</u>			
52.23 - mill edge	0.128	2,327		Hot Rolled Band			

### Ladle Chemical Analysis %

C	Min	P	S	Si	Al	Cu	Ni	Cr	Mo	Sn	N	V	Nb	Ti	B	Ca	Pb
0.04	0.24	0.008	0.002	0.02	0.024	0.09	0.03	0.04	0.01	0.006	0.009	0.001	0.000	0.001	0.0060	0.002	0.00

### Mechanical Properties

<u>Yield Strength (PSI)</u>	<u>Tensile Strength (PSI)</u>	<u>Percent Elongation</u>	<u>Rockwell Result</u>
37,950	60,304	41.0	56

Made in the USA  
Shipped from Butler, IN, United States  
Method, this slab cast and rolled by proud Americans in Butler, IN.  
All tests were performed according to applicable standards and are correct as contained in the records of the company.

**Physical properties are  
from HEAT ANALYSIS  
ONLY, not a certification.**

Quality Assurance

[https://www.std.com/butler/customer/reports/report\\_generator.jsp](https://www.std.com/butler/customer/reports/report_generator.jsp)

5/22/08