



6830 Leopard  
Corpus Christi, TX 78409

(361) 299-1711  
(361) 299-1377 FAX

**Date: 09/04/2018**

**Customer: MARATHON OIL**

**Vessel Description: 48" X 20' X 250#**  
ASME VERTICAL 2PHASE  
SEPARATOR

**Serial number: JF-4502**

**PO# 4500261671**

**SKID #07**  
**PERMIAN PRODUCTION**

**U-1A FORMS & PARTIAL  
DATA REPORTS**

National Board Number: 2488

Mfg. Representative: [Signature]Date: 5-25-18

Page 1 of 2

Authorized Inspector: [Signature]Date: 5/25/18**FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS**

(Alternate Form for Single-Chamber, Completely Shop- or Field-Fabricated Vessels Only)

**As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section VIII, Division 1**1. Manufactured and certified by Jet Fabrication 6830 Leopard Street Corpus Christi, Texas 78409  
(Name and address of Manufacturer)2. Manufactured for Marathon Oil  
(Name and address of Purchaser)3. Location of installation Unknown  
(Name and address)4. Type Vertical JF-4502 N/A 01-1815-1 Rev.0 2488 2018  
(Horizontal or vertical, tank) (Manufacturer's serial number) (CRN) (Drawing number) (National Board number) (Year built)5. ASME Code, Section VIII, Division 1 2017 Edition N/A N/A  
(Edition and Addenda, if applicable (date)) (Code Case numbers) (Special service per UG-120(d))6. Shell SA-516 70 0.375" 0" 48" O.D. 20'-0" S/S  
(Material spec. number, grade) (Nominal thickness) (Corr. allow.) (Inner diameter) (Length (overall))

| Body Flanges on Shells |      |     |     |            |             |          |              |          |            | Bolting          |                      |                 |
|------------------------|------|-----|-----|------------|-------------|----------|--------------|----------|------------|------------------|----------------------|-----------------|
| No.                    | Type | ID  | OD  | Flange Thk | Min Hub Thk | Material | How Attached | Location | Num & Size | Bolting Material | Washer (OD, ID, thk) | Washer Material |
| N/A                    | N/A  | N/A | N/A | N/A        | N/A         | N/A      | N/A          | N/A      | N/A        | N/A              | N/A                  | N/A             |
| N/A                    | N/A  | N/A | N/A | N/A        | N/A         | N/A      | N/A          | N/A      | N/A        | N/A              | N/A                  | N/A             |
| N/A                    | N/A  | N/A | N/A | N/A        | N/A         | N/A      | N/A          | N/A      | N/A        | N/A              | N/A                  | N/A             |
| N/A                    | N/A  | N/A | N/A | N/A        | N/A         | N/A      | N/A          | N/A      | N/A        | N/A              | N/A                  | N/A             |

7. Seams UW-11 Type 1 Full 1.00% N/A N/A UW-11 Type 1 Spot 1.00% 2  
(Long. (welded, dbl., singl., lap, butt)) (R. T. (spot or full)) (Eff., %) (H. T. temp.) (Time, hr) (Girth (welded, dbl., singl., lap, butt)) (R. T. (spot or full)) (Eff., %) (No. of courses))8. Heads: (a) Material SA-516 70 (b) Material SA-516 70

| (Spec. no., grade)           |                   |                     |              |                |                  | (Spec. no., grade) |                      |               |                                      |  |  |
|------------------------------|-------------------|---------------------|--------------|----------------|------------------|--------------------|----------------------|---------------|--------------------------------------|--|--|
| Location (Top, Bottom, Ends) | Minimum Thickness | Corrosion Allowance | Crown Radius | Knuckle Radius | Elliptical Ratio | Conical Apex Angle | Hemispherical Radius | Flat Diameter | Side To Pressure (Convex or Concave) |  |  |
| (a) TOP                      | 0.34"             | 0"                  | N/A          | N/A            | 2:1              | N/A                | N/A                  | N/A           | Concave                              |  |  |
| (b) BOTTOM                   | 0.34"             | 0"                  | N/A          | N/A            | 2:1              | N/A                | N/A                  | N/A           | Concave                              |  |  |

| Body Flanges on Heads |          |      |     |     |            |             |          |              |            |                  |                      |                 |
|-----------------------|----------|------|-----|-----|------------|-------------|----------|--------------|------------|------------------|----------------------|-----------------|
|                       | Location | Type | ID  | OD  | Flange Thk | Min Hub Thk | Material | How Attached | Bolting    |                  |                      |                 |
|                       |          |      |     |     |            |             |          |              | Num & Size | Bolting Material | Washer (OD, ID, thk) | Washer Material |
| (a)                   | N/A      | N/A  | N/A | N/A | N/A        | N/A         | N/A      | N/A          | N/A        | N/A              | N/A                  | N/A             |
| (b)                   | N/A      | N/A  | N/A | N/A | N/A        | N/A         | N/A      | N/A          | N/A        | N/A              | N/A                  | N/A             |

9. MAWP 250 PSI N/A at max. temp. 150°F N/A  
(Internal) (External) (Internal) (External)Min. design metal temp. -20°F at 250 PSI . Hydro., pneu., or comb. test pressure 325 PSIGProof test N/A

10. Nozzles, inspection, and safety valve openings:

| Purpose (Inlet, Outlet, Drain, etc.) | No. | Diameter or Size | Type  | Material |        | Nozzle Thickness |       | Reinforcement Material | Attachment Details |        | Location (Insp. Open.) |
|--------------------------------------|-----|------------------|-------|----------|--------|------------------|-------|------------------------|--------------------|--------|------------------------|
|                                      |     |                  |       | Nozzle   | Flange | Nom.             | Corr. |                        | Nozzle             | Flange |                        |
| Inlet (C1)                           | 1   | 6"-150#          | RFLWN | SA-105   | SA-105 | 0.875"           | 0"    | Integral               | UW-16.1(c)         | N/A    | Shell                  |
| Outlet (C2)                          | 1   | 3"-3000#         | CPLG  | SA-105   | N/A    | 0.375"           | 0"    | Integral               | UW-16.1(c)         | N/A    | Shell                  |
| Gauge (C3A,B)                        | 1   | 1/2"-6000#       | CPLG  | SA-105   | N/A    | 0.33"            | 0"    | Integral               | UW-16.1(c)         | N/A    | Shell                  |
| Supply Gas (C4)                      | 1   | 1/2"-6000#       | CPLG  | SA-105   | N/A    | 0.33"            | 0"    | Integral               | UW-16.1(c)         | N/A    | Top Head               |
| Drain (C5)                           | 1   | 2"-150#          | RFLWN | SA-105   | SA-105 | 0.218"           | 0"    | Integral               | UW-16.1(c)         | Type 1 | Bottom Head            |
| Outlet (C6)                          | 1   | 6"-150#          | RFLWN | SA-105   | SA-105 | 0.875"           | 0"    | Integral               | UW-16.1(c)         | N/A    | Top Head               |
| Safety Head (C7)                     | 1   | 2"-3000#         | CPLG  | SA-105   | N/A    | 0.3125"          | 0"    | Integral               | UW-16.1(c)         | N/A    | Top Head               |

11. Supports: Skirt Yes Lugs 2 Legs N/A Other N/A Attached Welded to Shell  
(Yes or no) (Number) (Number) (Describe) (Where and how)12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: Item# 6, Shell Cylinder done by Universal Steel America, Inc. Houston U-44,222 SN# 2482 E

(Name of part, item number, Manufacturer's name and identifying stamp)

Impact test exempt per UCS-66(b)(d)(f)

Mfg. Representative:

Date:

Authorized Inspector:

Date:

## FORM U-1A

Page 2 of 2

Manufactured by Jet Fabrication 6830 Leopard Street Corpus Christi, Texas 78409

Manufacturer's Serial No. JF-4502

CRN N/A

National Board No. 2488

## CERTIFICATE OF SHOP / FIELD COMPLIANCE

We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. "U" Certificate of Authorization Number 35,284

expires 08/19/20

Date 5-25-18 Co. name Jet Fabrication

(Manufacturer)

Signed

(Representative)

## CERTIFICATE OF SHOP / FIELD INSPECTION

Vessel constructed by Jet Fabrication at 6830 Leopard St. Corpus Christi, TX 78409 USA

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by

OneCIS Insurance Company of Lynn, MA

have inspected the component described in this Manufacturer's Data Report on 5/25/18, and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. By signing this certificate neither the Inspector nor his/her employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his/her employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 5/25/18

Signed

(Authorized Inspector)

Commissions

NBIC# 12122A

(National Board Authorized Inspector Commission number)

# FORM U-2A MANUFACTURER'S PARTIAL DATA REPORT (ALTERNATIVE FORM)

A Part of a Pressure Vessel Fabricated by One Manufacturer for Another Manufacturer  
As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

1. Manufactured and certified by: Universal Steel America, Inc. Houston 1230 East Richey Road Houston, Texas 77073  
(Name and address of Manufacturer)

2. Manufactured for: Jet Specialty, Inc. 6830 Leopard Street Corpus Christi, Texas 78409  
(Name and address of Purchaser)

3. Location of installation: Unknown

4. Type: Cylinder  
(Description of vessel part (shell, two piece head, tube bundle))

(Name and address)

2482 C,D,E,F

(Manufacturer's serial number)

(CRN)

2018

(Year built)

5. ASME Code Section VIII Div 1

(Drawing number)

2017

(Edition and Addenda, if applicable (date))

(Drawing prepared by)

(Code Case number)

(Special Service per UG-120(d))

6. Shell (a) Number of course (s): 2

(b) Overall Length: 240"

| Course(s) |          |        | Material            |  | Thickness |      | Long. Joint (Cat. A) |                  |      | Circum. Joint (Cat. A, B & C) |                  |      | Heat Treatment |      |
|-----------|----------|--------|---------------------|--|-----------|------|----------------------|------------------|------|-------------------------------|------------------|------|----------------|------|
| No.       | Diameter | Length | Spec./Grade or Type |  | Nom.      | Corr | Type                 | Full, Spot, None | Eff. | Type                          | Full, Spot, None | Eff. | Temp.          | Time |
| 2         | 48" OD   | 120"   | SA 516-70           |  | .375"     | -    | 1                    | Full             | -    | 1                             | Full             | -    | None           | None |
| -         | -        | -      | -                   |  | -         | -    | -                    | -                | -    | -                             | -                | -    | -              | -    |
| -         | -        | -      | -                   |  | -         | -    | -                    | -                | -    | -                             | -                | -    | -              | -    |
| -         | -        | -      | -                   |  | -         | -    | -                    | -                | -    | -                             | -                | -    | -              | -    |

## Body Flanges on Shell

| No. | Type | ID | OD | Flange Thk | Min Hub Thk | Material | How Attached | Location | Bolting    |                  |                      |                 |
|-----|------|----|----|------------|-------------|----------|--------------|----------|------------|------------------|----------------------|-----------------|
|     |      |    |    |            |             |          |              |          | Num & Size | Bolting Material | Washer (OD, ID, thk) | Washer Material |
| -   | -    | -  | -  | -          | -           | -        | -            | -        | -          | -                | -                    | -               |
| -   | -    | -  | -  | -          | -           | -        | -            | -        | -          | -                | -                    | -               |

7. Heads: (a)

(Material spec, number, grade or type) (H.T. - time and temp)

(b)

(Material spec, number, grade or type) (H.T. - time and temp)

|     | Location (Top, Bottom, Ends) | Thickness |      | Radius |         | Elliptical Ratio | Conical Apex Angle | Hemispherical Radius | Flat Diameter | Side to Pressure |         | Category A |                  |
|-----|------------------------------|-----------|------|--------|---------|------------------|--------------------|----------------------|---------------|------------------|---------|------------|------------------|
|     |                              | Min.      | Corr | Crown  | Knuckle |                  |                    |                      |               | Convex           | Concave | Type       | Full, Spot, None |
| (a) | -                            | -         | -    | -      | -       | -                | -                  | -                    | -             | -                | -       | -          | -                |
| (b) | -                            | -         | -    | -      | -       | -                | -                  | -                    | -             | -                | -       | -          | -                |

## Body Flanges on Heads

|     | Location | Type | ID | OD | Flange Thk | Min Hub Thk | Material | How Attached | Bolting    |                  |                      |                 |
|-----|----------|------|----|----|------------|-------------|----------|--------------|------------|------------------|----------------------|-----------------|
|     |          |      |    |    |            |             |          |              | Num & Size | Bolting Material | Washer (OD, ID, thk) | Washer Material |
| (a) | -        | -    | -  | -  | -          | -           | -        | -            | -          | -                | -                    | -               |
| (b) | -        | -    | -  | -  | -          | -           | -        | -            | -          | -                | -                    | -               |

8. MAWP - at max temp. -  
(Internal) (External)

Min. design metal temp. - at -

9. Impact Test

No

Indicate yes or no and the component(s) impact tested

at test temperature of -

10. Hydro., pneu., or comb. test pressure. None PSI

None PSI

Proof Test

None

11. Nozzles, inspection, and safety valve openings:

| Purpose (Inlet, Outlet, Drain, etc) | No. | Diameter or Size | Type | Material |        | Nozzle Thickness |       | Reinforcement Material | Attachment Details |        | Location (Insp. open.) |
|-------------------------------------|-----|------------------|------|----------|--------|------------------|-------|------------------------|--------------------|--------|------------------------|
|                                     |     |                  |      | Nozzle   | Flange | Nom.             | Corr. |                        | Nozzle             | Flange |                        |
| -                                   | -   | -                | -    | -        | -      | -                | -     | -                      | -                  | -      | -                      |
| -                                   | -   | -                | -    | -        | -      | -                | -     | -                      | -                  | -      | -                      |
| -                                   | -   | -                | -    | -        | -      | -                | -     | -                      | -                  | -      | -                      |
| -                                   | -   | -                | -    | -        | -      | -                | -     | -                      | -                  | -      | -                      |

12. Identification of part (s)

| Name of Part | Quantity | Line No. | Mfr's Identification No. | Mfr's Drawing No. | CRN | National Board No. | Year Built |
|--------------|----------|----------|--------------------------|-------------------|-----|--------------------|------------|
| -            | -        | -        | -                        | -                 | -   | -                  | -          |
| -            | -        | -        | -                        | -                 | -   | -                  | -          |

13. Support: Skirt

- Yes or no

Lugs

- (Number)

Legs

- (Number)

Other

- Describe

Attached

- (Where and how)

14. Remarks

Jet Specialty PO# FAB8771 USAH WO# 72105-1

4 pcs .375" x 48" OD x 240"

No Hydro Performed, Design By Others, Formed In Accordance With UG-80, UG-79, UCS-79

## FORM U-2A

Page 2 of 2

Manufactured by Universal Steel America, Inc. Houston

Manufacturer's Serial No. 2482 C,D,E

CRN -

National Board No. -

## CERTIFICATE OF SHOP/FIELD COMPLIANCE

We certify that the statements made in this report are correct and that all details of material, construction and workmanship of this pressure vessel part conform to the ASME Boiler and pressure Vessel Code, Section VIII, Division 1.

"U" Certificate of Authorization Number

44,222

Expires

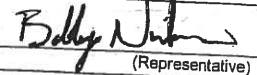
September 27, 2018

Date 03/23/2018

Name

Universal Steel America, Inc. Houston  
(Manufacturer)

Signed

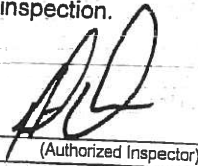
  
(Representative)

## CERTIFICATE OF SHOP/FIELD INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut

have inspected the pressure vessel part described in this Manufacturer's Data Report on 03/23/2018 and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel part in accordance with ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. By signing this certificate neither the Inspector nor his/her employer makes any warranty, expressed or implied, concerning the pressure vessel part described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his/her employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 03/23/2018 Signed

  
(Authorized Inspector)

Commissions

12906  
(National Board Authorized Inspector Commission number)

# **MILL TEST REPORTS**

FORT WORTH F & D HEAD CO  
P.O. BOX 79700  
FORT WORTH, TEXAS 76179-0700

COVER SHEET

| CUSTOMER<br>JET SPECIALTY |      | CUSTOMERS P.O. NUMBER<br>FAB8770 |           |            | DATE<br>2/23/18 |             |
|---------------------------|------|----------------------------------|-----------|------------|-----------------|-------------|
| CODE LETTER               | QTY. | SIZE-OD. OR ID.                  | THICKNESS | PLATE MFG. | HEAT NUMBER     | SLAB NUMBER |
| CKNI                      | 8    | 48"OD                            | 3/8"NOM   | NUCOR      | 7507207         | 07          |
| CKNJ                      | 7    | 48"OD                            | 3/8"NOM   | NUCOR      | 7507208         | 03          |
| CKJJ                      | 1    | 48"OD                            | 3/8"NOM   | SSAB       | W71808          | D42         |

HOT FORMED ☒

MATERIAL SA516-70

STYLE 2:1 ELLIPTICAL

WO# 206471

SF: 2"  
BEVEL: 30 DEG  
DR:  
MIN: .34" ✓

OUTSIDE ☒  
LAND

INSIDE ☐  
ICR

FORT WORTH F & D HEAD COMPANY CERTIFIES THAT HEADS MANUFACTURED FROM MATERIAL LISTED ON THIS REPORT COMPLY WITH ASME CODE SECTION II & SECTION VIII, DIVISION I. ALL HEADS COMPLY WITH UG-81(a) AND UCS 79.

WE CERTIFY THAT THESE HEADS WERE HOT FORMED ABOVE 1,650 DEGREES FAHRENHEIT, HELD FOR A MINIMUM OF 30 MINUTES, AND AIR COOLED.

*Rosanne L. Taylor*  
FORT WORTH F & D HEAD CO.

**P.O.Box 279  
Winton, NC 27986  
(252) 356-3700**

# Mill Test Report

## Page 1

**1505 River Rd  
Coffield, NC 27922  
(252) 356-3700**

# SCODD

**Issuing Date:**

11/08/2017

**B/L No. : 487000**

**Load No. : 496881**

**Our Order No.: 152044/2**

**Cust. Order No.: 14314**

**Vehicle No:**

**NOKL 725146**

**Sold To:**

**RANGER STEEL SERVICES L.P.  
1225 NORTH LOOP W STE 650  
HOUSTON, TX 77008**

**Ship To:**

**RANGER STEEL C/O AHR TRUCKING AND STORAGE  
BNSF TRACK 9813  
FT WORTH, TX 76179**

**Specification:**

**0.3750" x 120.000" x 480.000"**

AS THE A516 70-10(2015)/ASME S4516 70 P.VQ 2013/2015 Cu .15 Max, Sn .020 Max Normalized Test Coupons at 1690 F NACE MR0175 Annex 2.1.2 (2015), MR0103 (2010) Section 2.1.2 (2015) 13.1.1, 13.1.2) Compliant.

**Marking:**

| Heat No         | C      | Mn      | P            | S              | Si               | Cu                | Ni                | Cr   | Mo   | Al(%) | V     | Nb    | Ti    | N | Ca     | B      | Sn    | Ce   | Pcm  |
|-----------------|--------|---------|--------------|----------------|------------------|-------------------|-------------------|------|------|-------|-------|-------|-------|---|--------|--------|-------|------|------|
| 7507207         | 0.20   | 1.02    | 0.008        | 0.001          | 0.20             | 0.13              | 0.14              | 0.09 | 0.01 | 0.037 | 0.004 | 0.002 | 0.003 |   |        |        |       |      |      |
| 7507208         | 0.20   | 1.03    | 0.010        | 0.001          | 0.19             | 0.14              | 0.14              | 0.06 | 0.01 | 0.021 | 0.004 | 0.002 | 0.002 |   | 0.0029 | 0.0001 | 0.007 | 0.41 | 0.27 |
|                 |        |         |              |                |                  |                   |                   |      |      |       |       |       |       |   |        | 0.0001 | 0.006 | 0.40 | 0.27 |
| Plate Serial No | Pieces | Tons    | Tensile Test |                |                  |                   |                   |      |      |       |       |       |       |   |        |        |       |      |      |
|                 |        |         | Dir.         | (psi)<br>Yield | (psi)<br>Tensile | Elong.<br>% in 2" | Elong.<br>% in 8" |      |      |       |       |       |       |   |        |        |       |      |      |
| 7507207-07      | 6      | 18.37 T |              | 54,500         | 79,000           |                   | 24.0              |      |      |       |       |       |       |   |        |        |       |      |      |
|                 |        | T       |              | 49,800         | 74,800           |                   | 25.4              |      | N    |       |       |       |       |   |        |        |       |      |      |
| 7507207-08      | 6      | 18.37 T |              | 52,700         | 78,300           |                   | 23.3              |      |      |       |       |       |       |   |        |        |       |      |      |
|                 |        | T       |              | 49,100         | 74,800           |                   | 24.3              |      | N    |       |       |       |       |   |        |        |       |      |      |
| 7507208-01      | 3      | 8.18 T  |              | 62,200         | 79,800           |                   | 22.3              |      |      |       |       |       |       |   |        |        |       |      |      |
|                 |        | T       |              | 48,400         | 73,400           |                   | 26.4              |      | N    |       |       |       |       |   |        |        |       |      |      |
| 7507208-02      | 6      | 18.37 T |              | 54,500         | 78,800           |                   | 23.8              |      |      |       |       |       |       |   |        |        |       |      |      |
|                 |        | T       |              | 49,600         | 74,600           |                   | 26.3              |      | N    |       |       |       |       |   |        |        |       |      |      |
| 7507208-03      | 6      | 18.37 T |              | 54,700         | 79,100           |                   | 24.0              |      |      |       |       |       |       |   |        |        |       |      |      |
|                 |        | T       |              | 51,400         | 74,800           |                   | 25.3              |      |      |       |       |       |       |   |        |        |       |      |      |

CKNT

Test coupons only, normalized 60 minutes per inch of thickness at 1650 F  $\pm$  25 F. Hold 30 minutes minimum.

Manufactured to fully filled film grain practice by Electric Arc Furnace. Welding or weld repair was not performed on this material. Mercury has not been used in the direct manufacturing of this material. Produced as continuous cast discrete plate as-rolled, unless otherwise noted in Specification. For Mexico shipments: info-Sales.MX@Nipco.com  
Yield by JEUL method unless otherwise specified.  $Ceq = C + (Mn/5) + (Cr + Mo + V)/5 + (Cu + Ni)/15$   
 $Pcm = C + (Si/30) + (Mn/20) + (Cr/20) + (Ni/60) + (Gr/20) + (Mo/15) + (V/10) + 5B$   
Melted and Manufactured in the USA. ISO 9001:2008 certified (#010940) by SRI Quality System Registrar (#0985-09). PED 97/23/CE  
DIN 5049 3.1, B1EN 10204 3.1B(2009), DIN EN 10204 3.1(2005) compliant. For ABS grades only, Quality Assurance certificate 14-4

We hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with the applicable specifications, including customer specifications.

# Reinforced Steel QC Approved

100gms

**T. A. Depreis, Metallurgy**

44302

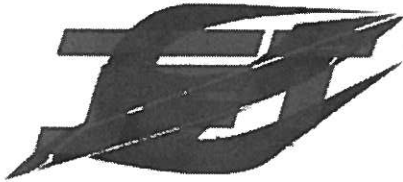
Q.C. By  
J.D.

11/8/2017 12:03:47 PM

# **X-RAY READER SHEETS**



# **PAINT COATING PROCESS**



## COATING INSPECTION REPORT

JOB# 01-1815  
SERIAL# # 7 JF-4502, # 8 JF-4503  
ITEM: 48"X20' SEP

JOB NAME MARATHON

DATE  
5/29/2018

TIME  
5:30 PM

### SURFACE PREPARATION

Metal Surface Temp 80°  
Correct Abrasive & Size Y  
Compressed Air Clean & Dry Y  
Surface Free of Oil & Grease, Clean & Dry Y

Correct Abrasive Blasting Equipment Y  
Abrasive Clean & Dry Y  
Nozzle Pressure 130 PSI

Surface  
Profile SP-6  
Specified: COMMERCIAL

Profile  
Achieved: 2.5

Surface Anchor  
Profile 2-3

|  | <u>TIME</u>     | <u>DRY BULB<br/>TEMP</u> | <u>WET BULB<br/>TEMP</u> | <u>RELATIVE<br/>HUMIDITY</u> | <u>DEW POINT</u> | <u>SURFACE</u> |
|--|-----------------|--------------------------|--------------------------|------------------------------|------------------|----------------|
|  | <u>5:30 PM</u>  | <u>85°</u>               | <u>71°</u>               | <u>49%</u>                   | <u>64°</u>       | <u>85°</u>     |
|  | <u>11:00 AM</u> | <u>83°</u>               | <u>70°</u>               | <u>51%</u>                   | <u>64°</u>       | <u>83°</u>     |

### PAINT APPLICATION

DATE  
5/30/2018

TIME  
11:00 AM

Compressed Air Clean & Dry Y

Metal Substrate Clean & Dry Y

Primer Applied w/in 4 Hours of Blasting Y

Mixed in Accordance w/ Manuf. Instructions Y

### Coating

PRIMER 646 MACROPOXY GRAY

Material Sherwin Williams

Temp 80°

Thinner  
#15

### Application Method:

Airless Spray                      Conventional  
Spray

X

Roller                     

Other                     

Wet Film Thickness Avg. 7-13

Range 7-13

Dry Film Thickness Avg. 7

Range 5-10

Recoat Time Allowed Between Coats:

Total System Dry Film Thickness 7

Comments

Inspector **Enrique Ruiz**

# **DIGITAL COPY OF DATA PLATE**



U  
W

RI-2.

JB -2488

CERTIFIED BY **JET FABRICATION**

MAWP INTERNAL 250 PSI at 150 °F

MAWP EXTERNAL PSI at °F

MDMT 1 -20 °F at 250 PSI

SERIAL NO. JF-4502

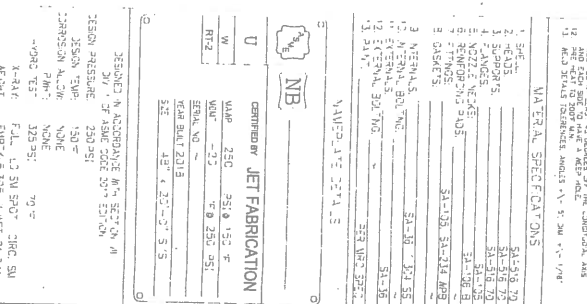
YEAR BUILT 2018

SIZE 48" O.D. X 240" S/S

# **DRAWINGS**

### GENERAL NOTES

1. REE, C. COLEMAN, 27 STANBROOK AVENUE, S. 1, GAINESBORO, VT 05425
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[illegible]

## RESERVE SPECIFICATIONS

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|------|----------|--|----------------|-------------|
| U    | DATE     |  | 250            | 251.0 152.7 |
| W    | WAVE     |  | -12.2          | 7.0 250.05  |
| TR-2 | FREQ. NO |  | 1048 8401 2215 |             |
|      | SST      |  | 44.7           | 2.2 1.2 5.5 |

DESIGNER: N. ACCORDINO, 1001 S. STATION A  
 2147 W. 19th AVE. DICKSON, MO 63021  
 DESIGN PRESIDENT  
 DESIGNS: EMBR  
 CARTRIDGE: A4, 206  
 -WAVE: 14.2  
 2215.5  
 NONE  
 79.7  
 14.2  
 FREQ.: 1.0 1.0 5.0 2.0  
 1048 8401 2215  
 WAVE: 2.2 4.4  
 SST: 44.7

| METAL SPECIFICATIONS |             |
|----------------------|-------------|
| 1. SPEC.             | SA-106, 100 |
| 2. REF.              | SA-106, 100 |
| 3. SUPPLY            | SA-106, 100 |
| 4. MFG.              | SA-106, 100 |
| 5. MFG. DATE         | SA-106, 100 |
| 6. REMARKS           | SA-106, 100 |
| 7. TENS.             | SA-106, 100 |
| 8. CASES             | SA-106, 100 |
| 9. MENTALS           | SA-106, 100 |
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