



Department of Environmental Protection

2600 Blair Stone Road • Tallahassee, Florida 32399-2400

DEP Form: 62-761.900(9)

Form Title: Storage Tank Equipment

Registration Form

Effective Date: July 2019

Incorporated in Rule 62-761.850, F.A.C.

Storage Tank System Equipment Registration Form

Fill out completely

General Information

Company Name: Petroleum Equipment Manufacturing Co.

Contact Name: Jorge Tamayo

Company Address: 2185 W. 76th St.

City, State: Hialeah, Florida Zip: 33016

E-mail: tamayoj@pemcofl.com

Contact Number: 305-558-9911

Product Name: Above ground dispenser pedestal

Model Number(s): 797DP

Product Type: Spill containment

Rule(s) citation that registration is being requested within Chapter 62-761 (UST), and/or 62-762 (AST), 62-762 AST

F.A.C.: Write a brief description of equipment registration request including product limitations:

All steel above ground fuel dispenser pedestal

Information Checklist (Choose Yes, No, or N/A - Not Applicable):

- | | Yes | No | N/A |
|---|-------------------------------------|-------------------------------------|--------------------------|
| 1. Third-party Certification by a Nationally Recognized Testing Laboratory? (Required) | ☒ | ☐ | ☐ |
| 2. Documentation of third-party evaluation that the equipment meets DEP Rules? | ☒ | ☐ | ☐ |
| 3. Documents included about the qualifications of the Nationally Recognized Testing Laboratory? | ☒ | ☐ | ☐ |
| 4. Technical information and drawings included? | ☐ | ☒ | ☐ |
| 5. Installation instructions included? | ☐ | ☒ | ☐ |
| 6. Annual Operability Testing Requirements (Rules 62-761.500, 62-762.501, & 62-762.502 F.A.C.)? | ☐ | ☒ | ☐ |
| 7. Integrity Testing Requirements (Rules 62-761.700, 62-762.701, & 62-762.702, F.A.C.)? | ☐ | ☒ | ☐ |
| 8. Compatible with fuel blends containing >10% ethanol or >20% biodiesel? | ☐ | ☒ | ☐ |
| 9. Has the product been approved or registered in other countries or states? (If so provide list) | ☐ | ☒ | ☐ |
| 10. Any requirements for company-certified installers or trainers? | ☐ | ☒ | ☐ |
| 11. Was this product(s) previously approved or registered by the Department? If yes, EQ- _____ | ☐ | ☒ | ☐ |
| 12. Any changes or modifications to the equipment since the last submittal to DEP? | ☐ | ☒ | ☐ |

Document Information: Provide supporting documents indicated as "Yes" above including this form via email to Tanknotify@floridadep.gov, or documents can be sent to FDEP, Division of Waste Management, 2600 Blair Stone Road, MS 4560, Tallahassee, FL 32399.

Write a brief description of equipment installation and performance in the U.S.:

Pedestal to be install for mounting of above ground fuel dispenser to hold leaks and prevent spill.

Equipment Registration Certification:

To the best of my knowledge and belief, all information submitted on this form is true, accurate and complete.

Jorge Tamayo

Printed Name and Title

[Signature]
Signature (right click to sign)

08/31/2022
Date

For Department Use Only:

Date Application Received: 08/31/2022

Application complete:

Yes: ☒ No: ☐

EQ- 982 Date of complete or incomplete letter sent: 09/08/2022

Date Equipment Requires Renewal: 09/08/2027

Storage tank system equipment requires renewal every 5 years in accordance with subsection 62-761.850(2), F.A.C.



American Testing Materials Engineering

TESTING LABORATORIES - ENGINEERING INSPECTION SERVICES - DRILLING - ENVIRONMENTAL SERVICES.

CLIENT: PEMCO
2185 W 76th St
Hialeah, FL 33016

DATE: 15 Aug 2022

Re: Static Leak Testing of Dispenser Pedestal – Model 797

CERTIFICATE OF INSPECTION AND ANALYSIS

Pursuant to your request, AMERICAN TESTING MATERIALS ENGINEERING performed a 24-hour Static Leak Test on the Model 797 Dispenser Pedestal ("797") at our facility from August 11 to August 12, 2022.

The purpose of our inspection was to determine whether the unit would hold water under atmospheric conditions without leaking for 24-hours. From discussions with PEMCO, it is our understanding that this matches the field operating conditions of the 797.

We tested the 797 delivered on 10 August 2022. We received the unit assembled and painted.

Our test procedure included the following.

- Taking dimensions of the 797 unit provided. PEMCO stated that there is no serial number or unique identifier for the 797 provided. We were unable to validate the base material, but it appears to be mild steel. There were no penetrations in the outer shell of the 797, except for the roughly 21-inch by 12-inch rectangular opening the top.
- Measurement of the internal height to the top of the tank (ignoring the upper 1" lip) was 17-3/4 inches above the inside bottom. This height determines the water level for testing.
- Placing the 797 on a test stand, so the bottom of the 797 can be observed. If leakage would occur, it would likely be along one of the bottom seam welds. The test stand is inside the laboratory workshop, which is open to the atmosphere, shaded from the sun and controlled by ATM personnel at all times.
- Filling the 797 with clean, 78 degF tap water to the height of the rectangular opening starting at 3:15pm on 11 August 2022. Atmospheric conditions at the start of the test were 92deg F and 85% RH. (see photo 2 below) We installed a temporary lexan cover (to minimize evaporation) and left the 797 undisturbed for 24 hours. We visually inspected the underside of the 797 every hour until 5pm that day, and again starting at 7am on 12 August, 2022.
- Performed final inspection of the 797 at 4:05 pm on 12 August 2022. No leakage observed. Observed no measurable decrease in water level inside the 797. Water temperature was 86deg F.



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TESTING LABORATORIES - ENGINEERING INSPECTION SERVICES - DRILLING - ENVIRONMENTAL SERVICES.

PEMCO
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It is, therefore, our opinion that the unit passes the 24-hour static leak test.

The results presented here are limited to the tested unit. These results are sample dependent within the limits of PEMCO's QC. This report should not be relied upon to represent conditions of other 797 units. This report was prepared under contract with PEMCO to perform the above testing expressly for EQ application with the Florida Department of Environmental Protection (DEP).

This report cannot be used by any other entity without our express written authorization. ATM reserves the right to supplement this report if more information and/or further issues are discovered.

Aubrey Engineering, LLC d/b/a American Testing Materials Engineering (www.atmeng.com), is an independent third party providing un-biased testing information and results. ATM is accredited by CMEC (<http://cmec.org>) under AASHTO specification R18, and the Florida Department of Transportation (FDOT) for the testing of construction materials. Please contact us if there are any questions regarding our laboratory's qualifications.

ATM is neither affiliated with PEMCO, its parent or subsidiary companies nor do we have any financial interest in the conclusions or extracts from or regarding our test results or reports.

It has been a pleasure serving you at this phase of your project and look forward to doing so again in the near future.

Respectfully Submitted,

Prepared by


Waseem Quadri, P.E. #91487
Special Inspector #1154

Robert Shank, PE #93856

Enclosures:

- Product Bulletin for the 797
- Photo of the 797 filled with water, Lexan cover removed for visual of water surface.



American Testing Materials Engineering

TESTING LABORATORIES-ENGINEERING-INSPECTION SERVICES-DRILLING ENVIRONMENTAL SERVICES.

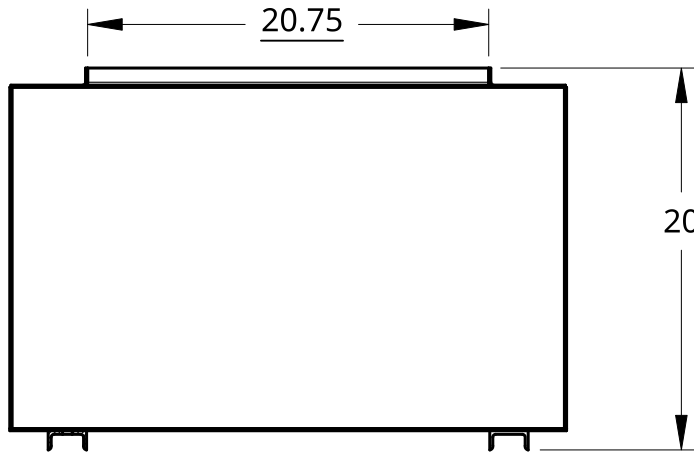
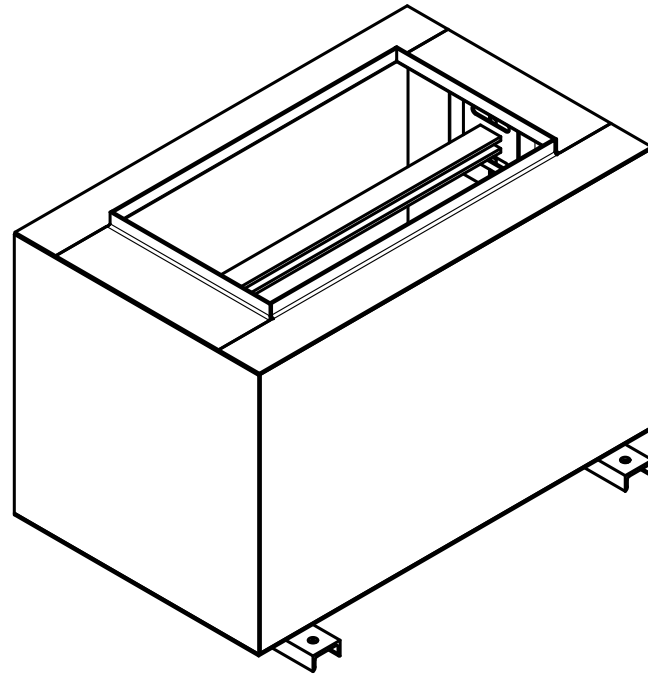
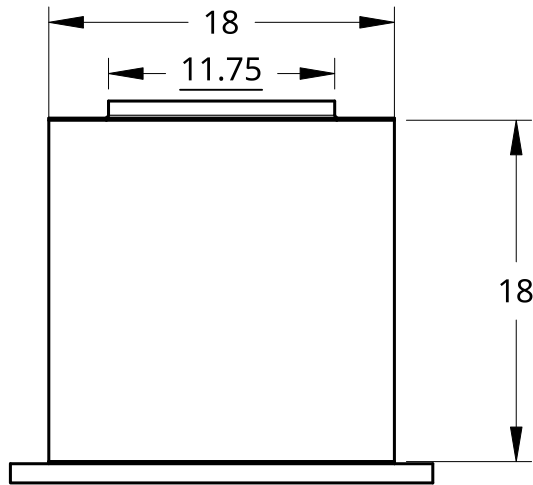
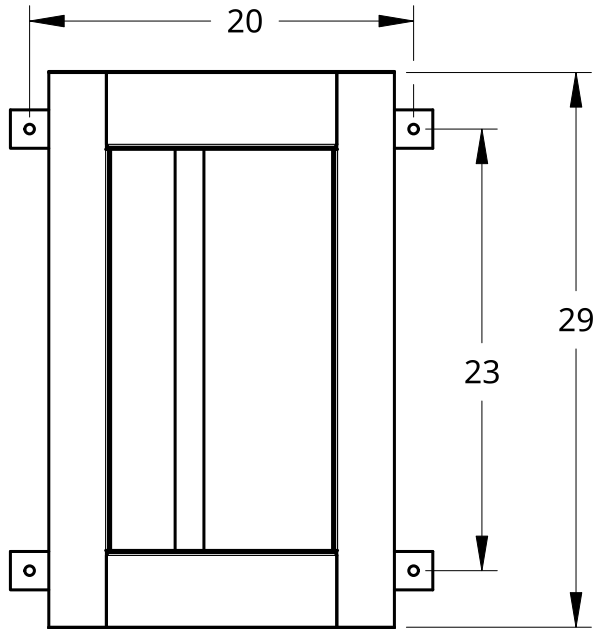
1950 West 84th Street, Hialeah, Florida 33014/Phone: 305-646-1888/Fax: 305-646-1887

Photo of 797 on Test Stand. Note water level.



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		NAME	DATE	TITLE PEMCO MODEL 797 DISPENSER PEDESTAL		
DRAWN		ROB SHANK	08/18/2022			
CHECKED						
APPROVED						
MATERIAL		FINISH		SIZE A	DWG NO. DP797-GEN	REV. 0
VARIES				SCALE 1:10	WEIGHT 90 LBS	SHEET 1 of 3

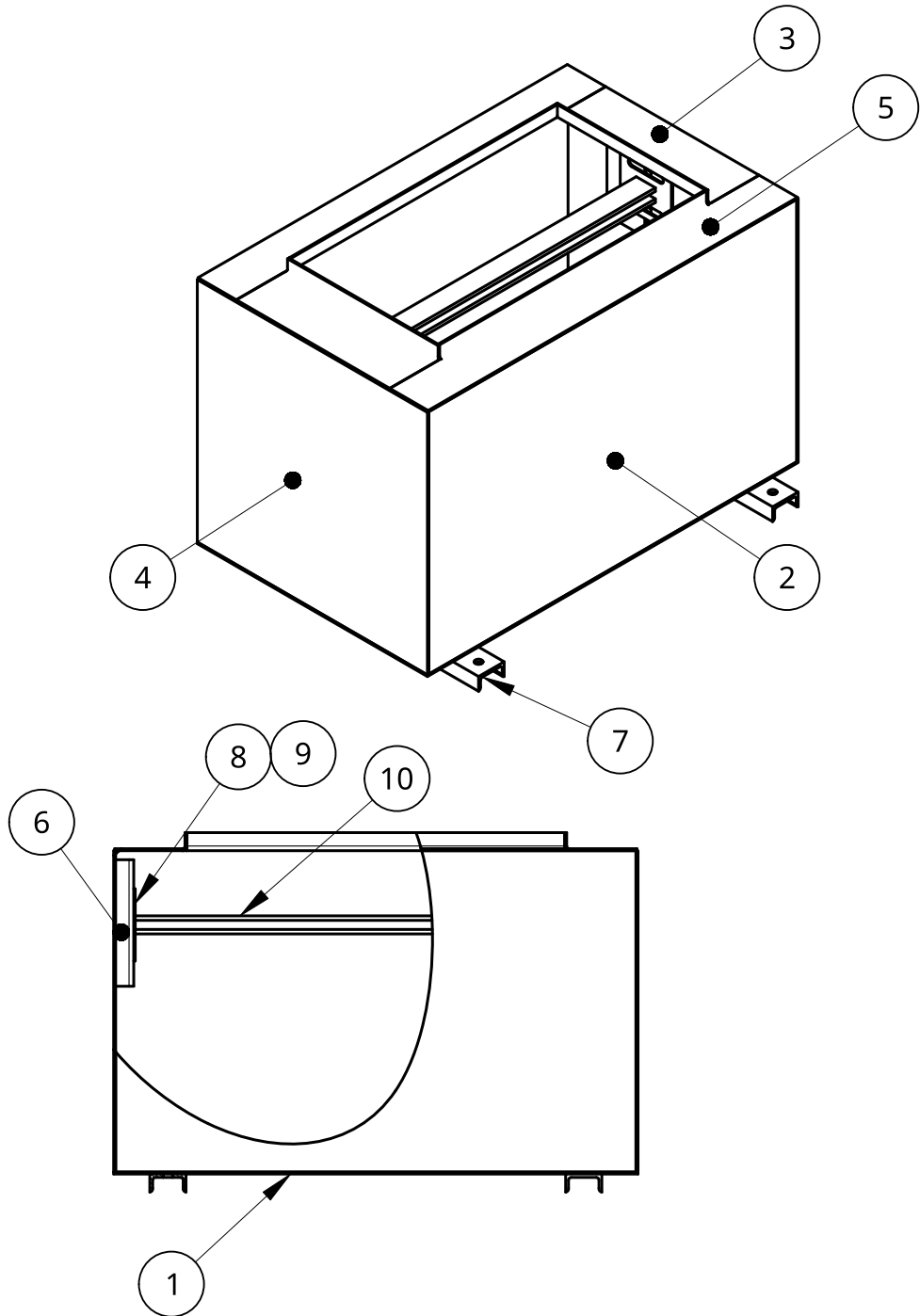
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Item	Quantity	Part number	Description
1	1		TANK BOTTOM
2	2		LARGE SIDE OF TANK
3	2		NARROW SIDE OF TANK TOP
4	2		TANK END
5	2		LARGE TOP PIECE
6	4		SUPPORT MOUNTING BRACKET
7	2		C-CHANNEL TANK FOOT
8	2		SUPPORT BAR PLATE
9	2		SUPPORT BAR BACK PLATE
10	2		SUPPORT BAR

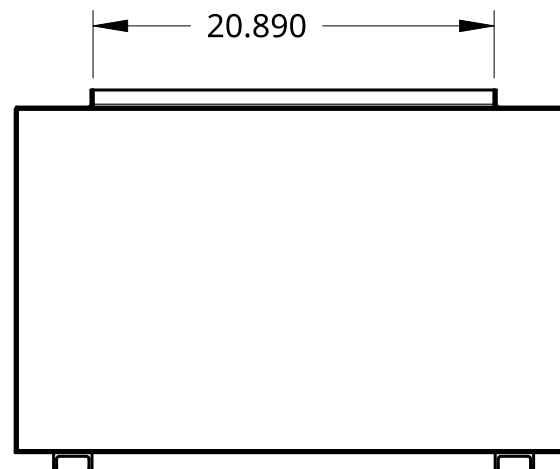
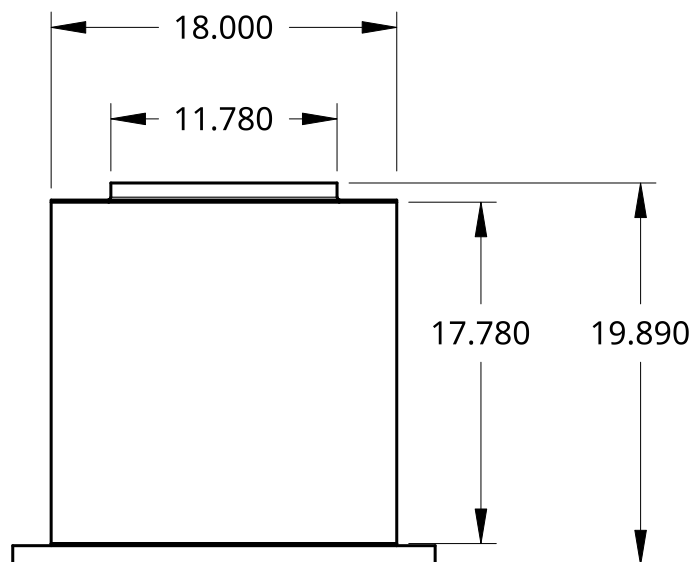
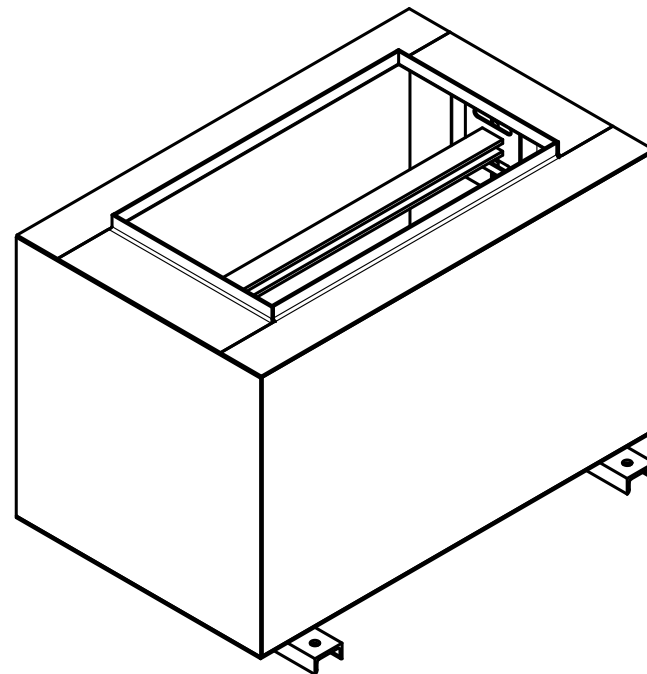
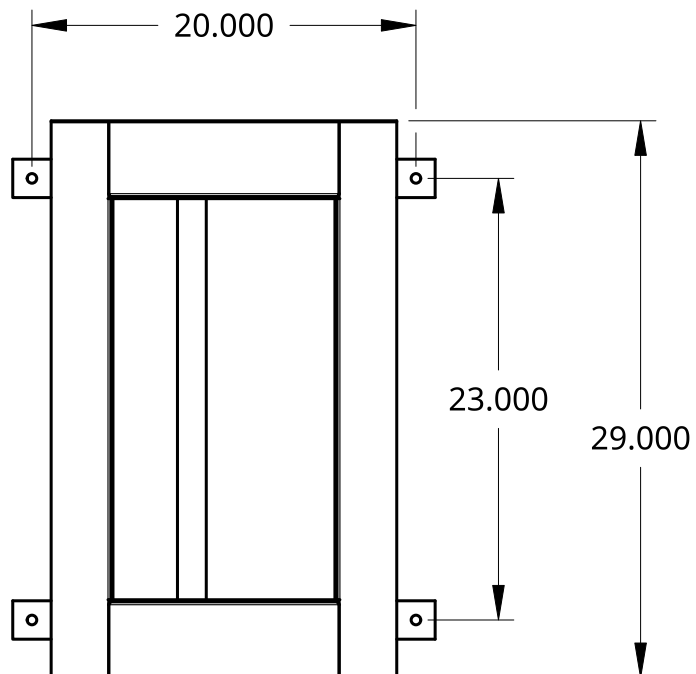
FASTENERS:
 (4) HEX BOLT 3/8-16 X 1-1/2IN GR.5
 CAD PLTD OR SS W/NYLOK NUT & HW

ALL MATERIALS TO BE 12GA CRS,
 EXCEPT FOR ITEM10, WHICH IS A36.



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