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: TopFLO, LLC
Contact Name: Steve Burris
Company Address: 1321 Chuck Dawley Blvd, Ste 105
City, State: Mt. Pleasnant Zip: 29464
E-mail: steve@topflofsl.com
Contact Number: 843-442-4704
Product Name: TopFLO FSL
Model Number(s): TurboFLO, EuroFLO, AmeriFLO
Product Type: floating suction line
Rule(s) citation that registration is being requested within Chapter 62-761 (UST), and/or 62-762 (AST), Both

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

Floating suction line for petroleum tanks. Stainless steel flexible tubing with float and inlet attaches to current fuel pickup line drawing fuel higher in the column of fluid void of contaminants.

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.:

Two 1.5" TurboFLO FSL (floating suction lines) attached to 2.5 HP Franklin Fueling submersible turbine pumps, one 3" EuroFLO FSL attached to fuel pickup line at a marina in Charleston, SC. Ran 500,000 gallons through system with no problems.

Equipment Registration Certification:

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

Steve Burris, Manager — Printed Name and Title
S Burris — Signature (right click to sign)
2/14/25 — Date

For Department Use Only:

Date Application Received: 2-14-2025 Application complete: Yes: ☒ No: ☐

EQ- 1018 Date of complete or incomplete letter sent: 2-14-2025 Date Equipment Requires Renewal: 2-14-2030

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

Thank you for giving UL the opportunity to partner with you.
Please note, Follow-Up Procedure Revisions or Report Revisions do not include Authorization Pages, Indices, Section General, and/or Appendices unless revisions were required or requested.

Should you have any questions, after reviewing the material, or need to report any inaccuracies, please reach out to your UL representative or find UL contact details for your local Customer Service Department at https://www.ul.com/about/locations.

Please find attached the related material

For your convenience, the below describes the related updates:

MH67411-Vol1-AuthorizationPage
MH67411-vol1-RecCompMarkData
MH67411-vol1-Index
MH67411-20241223-CertificateofCompliance
MH67411-20241223-Description
Figure-1-Total
Illustration-1-Total
MH67411-20241223-TestRecord

Times change, Trust Remains™

FOLLOW-UP SERVICE PROCEDURE
(TYPE R)

PUMPS - COMPONENT
(ERIV2, ERIV8)

Manufacturer:	SEE ADDENDUM FOR MANUFACTURER LOCATIONS
Applicant:	3376199 (Party Site) TopFLO, LLC 419 Cheves Dr Charleston SC 29412-2608 US
Recognized Company:	3376199 (Party Site) SAME AS APPLICANT

Use of the Mark

This Follow-Up Service Procedure authorizes the above Manufacturer(s) to use the marking specified by UL LLC, or any authorized licensee of UL LLC, including the UL Contracting Party, only on products when constructed, tested and found to be in compliance with the requirements of this Follow-Up Service Procedure and in accordance with the terms of the applicable service agreement with UL Contracting Party. The UL Contracting Party for Follow-Up Services is listed in the addendum to this Follow-Up Service Procedure ("UL Contracting Party"). UL Contracting Party and UL LLC are referred to jointly herein as "UL."

It is the responsibility of the Applicant, Manufacturer(s), and Recognized Company to make sure that only the products meeting the aforementioned requirements bear the authorized Marks of UL LLC, or any authorized licensee of UL LLC.

Additional Responsibilities

Additional responsibilities, duties and requirements for the Applicant and Manufacturers are defined under Additional Resources at the following website: https://www.ul.com/fus. Manufacturers without Internet access may obtain the current version of these documents from their local UL customer service representative or UL field representative. For assistance, or to obtain a paper copy of these documents or the Follow-Up Service Terms referenced below, please contact UL's Customer Service at https://www.ul.com/aboutul/locations/, select a location and enter your request, or call the number listed for that location.

Acceptance of Follow-Up Services

The Applicant and the specified Manufacturer(s) and any Recognized Company in this Follow-Up Service Procedure must agree to receive Follow-Up Services from UL Contracting Party. If your applicable service agreement is a Global Services Agreement ("GSA"), the Applicant, the specified Manufacturer(s), and any Recognized Company will be bound to a Service Agreement for Follow-Up Services upon the earliest by any Subscriber of a) use of the prescribed UL Mark, b) acceptance of the factory inspection, or c) payment of the Follow-Up Service fees. The Service Agreement incorporates such GSA, this Follow-Up Service Procedure and the Follow-Up Service Terms which can be accessed by clicking the following link: https://www.ul.com/resources/contracts/follow-up-service-terms. In all other events, Follow-Up Services will be governed by and incorporate the terms of your applicable service agreement and this Follow-Up Service Procedure.

Use and Ownership of the Follow-Up Service Procedure

This Follow-Up Service Procedure, and any subsequent revisions, is the property of UL and is not transferable. This Follow-Up Service Procedure contains confidential information for use only by the Applicant, the specified Manufacturer(s), and representatives of UL and is not to be used for any other purpose. It is provided to the Subscribers with the understanding

that it is not to be copied, either wholly or in part unless specifically allowed, and that it will be returned to UL, upon request.

Definition of Terms

Capitalized terms used but not defined herein have the meanings set forth in the GSA and the applicable Service Terms or any other applicable UL service agreement.

No Third Party Liability

UL shall not incur any obligation or liability for any loss, expense or damages, including incidental, consequential or punitive damages arising out of or in connection with the use or reliance upon this Follow-Up Service Procedure to anyone other than the above Manufacturer(s) as provided in the agreement between UL LLC or an authorized licensee of UL LLC, including UL Contracting Party, and the Manufacturer(s).

Certification Body

UL LLC has signed below solely in its capacity as the certification body to indicate that this Follow-Up Service Procedure fulfills the requirements for certification documentation issued by the certification body. The certification body's accreditation status for the applicable certification scheme and identification of the accreditation body can be found at https://www.ul.com/resources/accreditation.

Deborah Jennings-Conner
VP Regulatory Services
UL LLC

LOCATION

3649675 (Party Site)
CCR Engineering
519 Main Rd
Johns Island SC 29455-3412 US
Factory ID: None
UL Contracting Party for above site is: UL LLC

Recognized Component Marking Data Page (RCMDP)

(FILE IMMEDIATELY AFTER AUTHORIZATION PAGE)

RECOGNIZED COMPONENT MARKING

Products Recognized under UL's Component Recognition Service are identified by marking elements consisting of:

1. The Recognized Company's identification specified in this document.

2. A catalog, model or other applicable product designation specified in the descriptive sections of this document.

3. The UL Recognized Component Mark shown below is optional unless required elsewhere in the Procedure.

Only those components, which actually bear the Marking, should be considered as being covered under the Recognition Program. The UL Listing or Classification Mark is not authorized for use on or in connection with Recognized Components.

Recognized Component Mark

Minimum size of the Recognized Component Mark is not specified as long as it is legible. Minimum height of the registered symbol ® shall be 3/64 inch but may be omitted if it is out of proportion to the Recognized Component Mark or not legible to the naked eye.

The manufacturer may reproduce the Mark electronically. Any decision regarding the acceptability of the manufacturer's Mark reproduction will be made at the Reviewing Office.

Recognized Component Marking Data Page (RCMDP)

(FILE IMMEDIATELY AFTER AUTHORIZATION PAGE)

RECOGNIZED COMPONENT MARKING

Products Recognized under UL's Component Recognition Service are identified by marking elements consisting of:

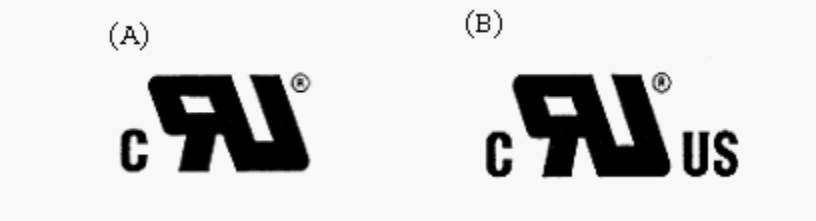
1. The Recognized Company's identification specified in this document.

2. A catalog, model or other applicable product designation specified in the descriptive sections of this document.

3. The UL Recognized Component Mark shown below:
   (A) Recognized only to Canadian safety requirements, or;
   (B) Recognized to both U.S. and Canadian safety requirements.

Only those components, which actually bear the Marking, should be considered as being covered under the Recognition Program. The UL Listing or Classification Mark is not authorized for use on or in connection with Recognized Components.

Recognized Component Mark



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The manufacturer may reproduce the Mark electronically. Any decision regarding the acceptability of the manufacturer's Mark reproduction will be made at the Reviewing Office.

Models	Section	Report Date
Float Assembly	1	2024-12-23

Certificate of Compliance

Certificate Number:

UL-US-2450100-0

Report Reference:

MH67411-20241223

Issue Date:

2025-01-17

Issued to:

TopFLO, LLC
419 Cheves Dr Charleston, SC 29412-2608
United States

This certificate confirms that representative samples of:
ERIV2 - Pumps - Component

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

ANSI/CAN/UL/ULC 79, Edition 11, Issue Date: 2024-05-31

Additional Information:
See UL Product iQ® at https://iq.ulprospector.com for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Recognized Component Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.

David Piecuch
UL Mark Certification Program Owner

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at https://www.ul.com/contact-us.

CERTIFICATE OF COMPLIANCE

Certificate number UL-US-2450100-0
Report reference MH67411-20241223
Date 2025-01-17

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Model	Product Description
Float Assembly	Pumps

Certificate of Compliance

Certificate Number:
UL-CA-2437838-0

Report Reference:
MH67411-20241223

Issue Date:
2025-01-17

Issued to:

TopFLO, LLC
419 Cheves Dr Charleston, SC 29412-2608
United States

This certificate confirms that representative samples of:
ERIV8 - Pumps Certified for Canada - Component

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

ANSI/CAN/UL/ULC 79, Edition 11, Issue Date: 2024-05-31

Additional Information:
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David Piecuch
UL Mark Certification Program Owner

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CERTIFICATE OF COMPLIANCE

Certificate number UL-CA-2437838-0
Report reference MH67411-20241223
Date 2025-01-17

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Model	Product Description
Float Assembly	Pumps

File MH67411

Project 4791484329

December 23, 2024

REPORT

on

COMPONENT –PUMPS

TopFLO, LLC
Charleston, SC 29412-2608 US

DESCRIPTION

PRODUCT COVERED:

USR, CNR – Component – Float Assembly

GENERAL:

These float assemblies are intended to be installed on Listed submersible pumps, and the entire assembly installed in a Listed tank.

TECHNICAL CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

Use - For use only with products/devices where the acceptability of the combination is determined by Underwriters Laboratories Inc.

Conditions of Acceptability - When mounted in the end use application, these assemblies are not to be supported by any liquid handling pipes.

1. For use only where the acceptability of the combination is determined by UL LLC.

2. Compatibility with fuels must be evaluated in accordance with the end-use application and Standard.

3. The float assembly is intended to be installed in a UL Listed tank only.

4. The float assembly is intended to be installed on a Listed submersible pump only.

5. The float assembly has not been evaluated as a pressure-confining device.

6. There are no elastomers or electrical components located in this device.

7. Consideration to conducting Deformation, Input, Temperature, and Starting Current tests shall be given in the end-use application.

RATINGS:

Determined in the end-use.

CONSTRUCTION DETAILS:

FOR PUMP SUBASSEMBLY “BLANK” ONLY:

1. Corrosion Protection – Entire assembly is composted of 300 series stainless steel.

MARKING:

The Float Assembly marked with manufacturer’s name and part number.

Floating Assembly - FIG. 1

General – All components detailed below are welded together. See Fig. 1 and Ill. 1 for details.

1. Male NPT Butt-Weld Adapter – Stainless steel, 1 1/2 in. NPT thread to male butt-weld adapter, 1 1/2 in OD.

2. Corrugated Stainless Steel Hose – 321 stainless steel, 1 1/2 in ID. Length may vary.

3. Tri-Clamp Sanitary Fitting – Stainless steel, 1 1/2 in. OD by 4 in., welded to hose and intake filter screen.

4. Intake Filter Screen – Stainless steel, Franklin Fueling Part No. 400660901, approximately 4 in. diameter. Screen openings are approximately .09 in. tall.

5. Tube – 304 Stainless steel, 16 gauge thickness, 4 in OD, length may vary. Welded to intake hose, and other end capped with stainless steel end cap, 16 gauge thickness.

The following Page(s) are related to Figure-1. The next supplement, if applicable, will be identified with a new Supplement Page Heading.

16ga, 304 SS tube
4" OD X 18"

Two 16ga 304 SS end caps welded

Sanitary-Clamp
Style-Fitting-110x120
Welded to screen
and flex hose.

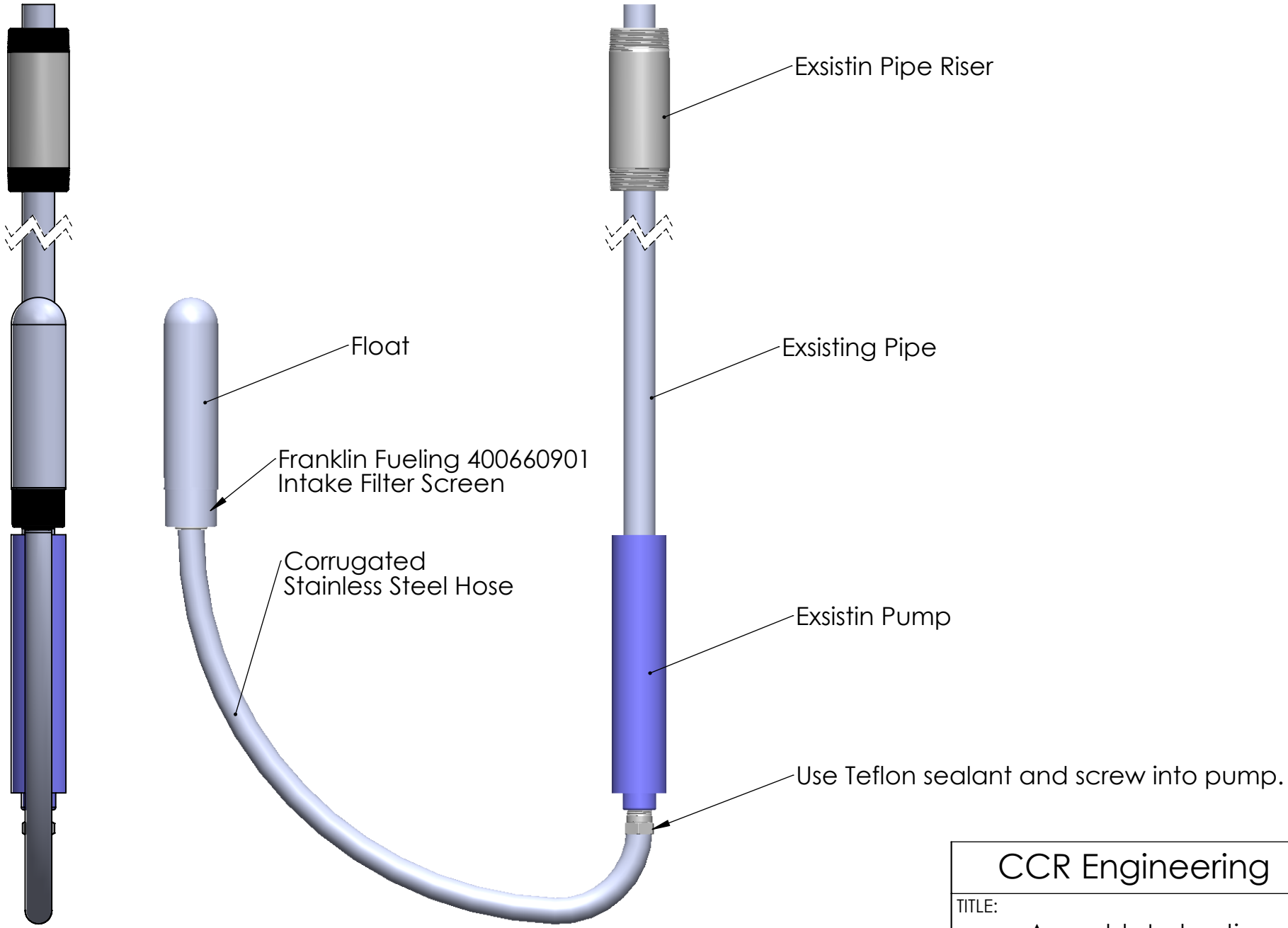
CORRUGATED STAINLESS STEEL HOSE
321 SS 1 1/2" ID X 48"

1 1/2" npt Hex-Male-Pipe-Thread-Fitting-120x120
Welded to hose.

DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ±.015 ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ±.010 THREE PLACE DECIMAL ±.005	CCR Engineering
MATERIAL	TITLE: Float Franklin Assembly
FINISH	

5 4 3 2 1

The following Page(s) are related to Illustration-1. The next supplement, if applicable, will be identified with a new Supplement Page Heading.



CCR Engineering

TITLE:

Assembly Instructions

5 4 3 2 1

TEST RECORD NO. 1

SAMPLES:

A sample of the TopFlo LLC Float Assembly as indicated below and constructed as described herein, was submitted by the manufacturer for examination and test.

GENERAL:

As the device is intended to be installed inside of a Listed tank and is not intended to be a pressure-confining assembly, only to act as a pick-up aid to the pump, a limited test program was conducted.

The following test was conducted:

GROUNDING CONTINUITY TEST

All other tests are to be performed in the End Product as part of the Conditions of Acceptability.

Test Record Summary:

The test methods and results of the above tests have been reviewed and found in accordance with the requirements shown in the table below:

ANSI/CAN/UL/ULC 79:2024, Power-Operated Pumps for Petroleum Dispensing Products, Edition 11, Issue Date 05/31/2024

CONCLUSION

Samples of the components covered by this Report have been found to comply with the requirements covering the category and the components are found to comply with UL's applicable requirements. The description and test result in this Report are only applicable to the sample(s) investigated by UL and does not signify the product(s) described as being covered under UL's Follow-Up Service Program. When covered under UL's Follow-Up Service Program, the manufacturer is authorized to use the Recognized Marking on such products which comply with UL's Follow-Up Service Procedure and any other applicable requirements of UL LLC. The Recognized Component Mark of UL LLC on the product, or the Recognized Marking symbol on the product and the Recognized Component Mark on the smallest unit container in which the product is packaged, is the only method to identify products investigated by UL to published requirements and manufactured under UL's Recognition and Follow-Up Service.

Report by:	Reviewed by:
Paras Bhattal	Edgar Wolff-Klammer
Staff Engineer	Principal Engineer