Montana DEQ-UST Program
Annual Licensee Training

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Franklin Fueling Systems

GLOBAL HEADQUARTERS
Fort Wayne, Indiana USA

A GLOBAL LEADER

Franklin Electric is a global leader in the production and marketing of systems and components for the movement of water and automotive fuels.

Recognized as a technical leader in its products and services, Franklin serves customers around the world in residential, commercial, agricultural, industrial, municipal, and fueling applications.

Franklin Electric

WANT MORE?
Visit **franklin-electric.com**
for more company information.

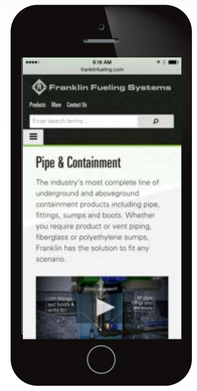
GLOBAL HEADQUARTERS
Madison, Wisconsin USA

THE TOTAL SYSTEM SOLUTION PROVIDER

Franklin Fueling Systems offers the world's most complete line of petroleum equipment and specializes in providing total system solutions to our customers and global partners around the world.

Plant tours are encouraged

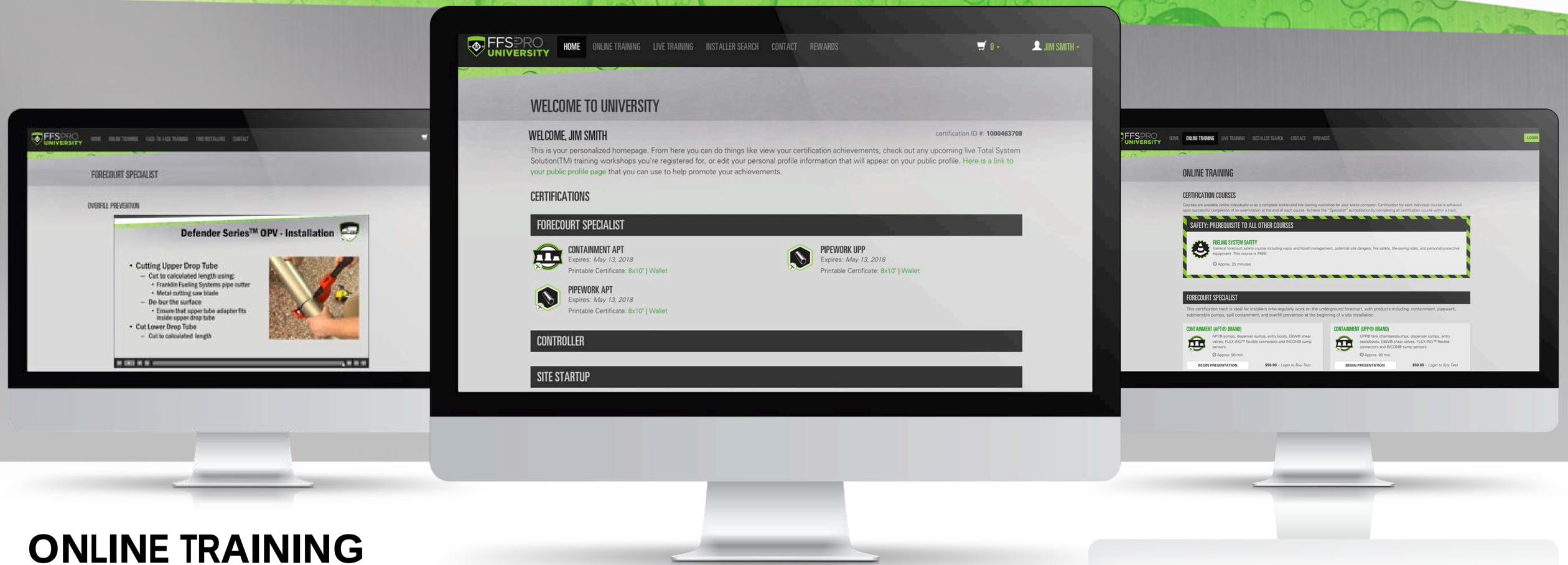
Franklin Fueling Systems



WANT MORE?

Visit **franklinfueling.com**
for more product information and literature downloads.


FFS PRO
FFS PRO
UNIVERSITY
TRAINED
CERTIFIED
READY TO WORK



ONLINE TRAINING

Built for today's on-the-go-installers and technicians.

SELF-GUIDED

Complete with step-by-step professional voiceover.

MANAGE CERTIFICATIONS

Keep track of expirations and download certification cards.

YOUR AREAS OF FOCUS

Choose the specific training track that meets your needs.

A SYSTEM APPROACH

We focus on a system approach to training. By focusing on functional areas of the petroleum equipment system, we are able to give our certified installers **a holistic view of how the individual components are designed to work in harmony** as a complete system.

FORECOURT SPECIALIST

- Fueling System Safety
- Containment
- Piping
- Submersible Pumps
- Spill Containment
- Overfill Prevention
- Hanging Hardware
- Stage II VR*
- Wire Management*

CONTROLLER SPECIALIST

- Fixed Speed Controller Installation
- Variable Speed Controller Installation
- ATG Installation
- ELLD & Monitoring
- In-station Diagnostics*

SITE STARTUP SPECIALIST

- Pipe Testing
- Tank Sump Testing
- Fuel Management System Programming
- Leak Detection
- In-station Diagnostics*

THE RESULT

An informed, more knowledgeable installer with a better understanding of how one system component affects another.

*Specialty certification as needed for applicable markets only.

STAYING CONNECTED

FFS PRO: University certified installers become part of a network that receives all of the latest in installation news via email from the leader in petroleum equipment.

STAY EDUCATED: TECH UPDATE

Keep updated on the newest product installation news from Franklin.

STAY CURRENT: THE CAMPUS

Hear from our industry experts on the latest trends from the field with a dedicated news site: *The Campus*.

STAY INFORMED: SHARED LEARNING

Learn about best practices to keep you safe on the job.

PLUS Our automatic reminders will help you manage your certifications before they expire and learn about new courses.

Franklin Fueling Systems

FFS PRO UNIVERSITY

Fuel System Installation Safety

Standard Operating Procedures

Follow all local laws governing installation of all components in the system.

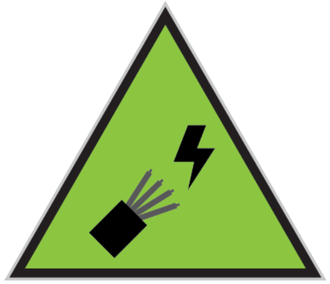
Always refer to Installation Manuals for the most current safety and installation information.

Be aware of all site dangers at all times.

Forecourt Dangers

Public Access

Vehicles



Live Electrical Circuits

Fuel Dangers

Vapors

Oils

Fire

Do not modify equipment in any way.

Modifications may result in safety hazards, fuel in conduit, or leaks into the environment.

Modifications will void safety agency approvals and warranty.

Understand the Fire Triangle.

Remove at least one element to prevent fire.

Franklin Fueling Systems

Understand the Life Saving Rules.

Work with a valid work permit when required.

Conduct gas tests when required.

Verify isolation before work begins and use specified life protection equipment.

Obtain authorization before entering a confined space.

Obtain authorization before overriding or disabling safety critical equipment.

Protect yourself against fall when working at height.

Do not walk under a suspended load.

Do not smoke outside of designated areas.

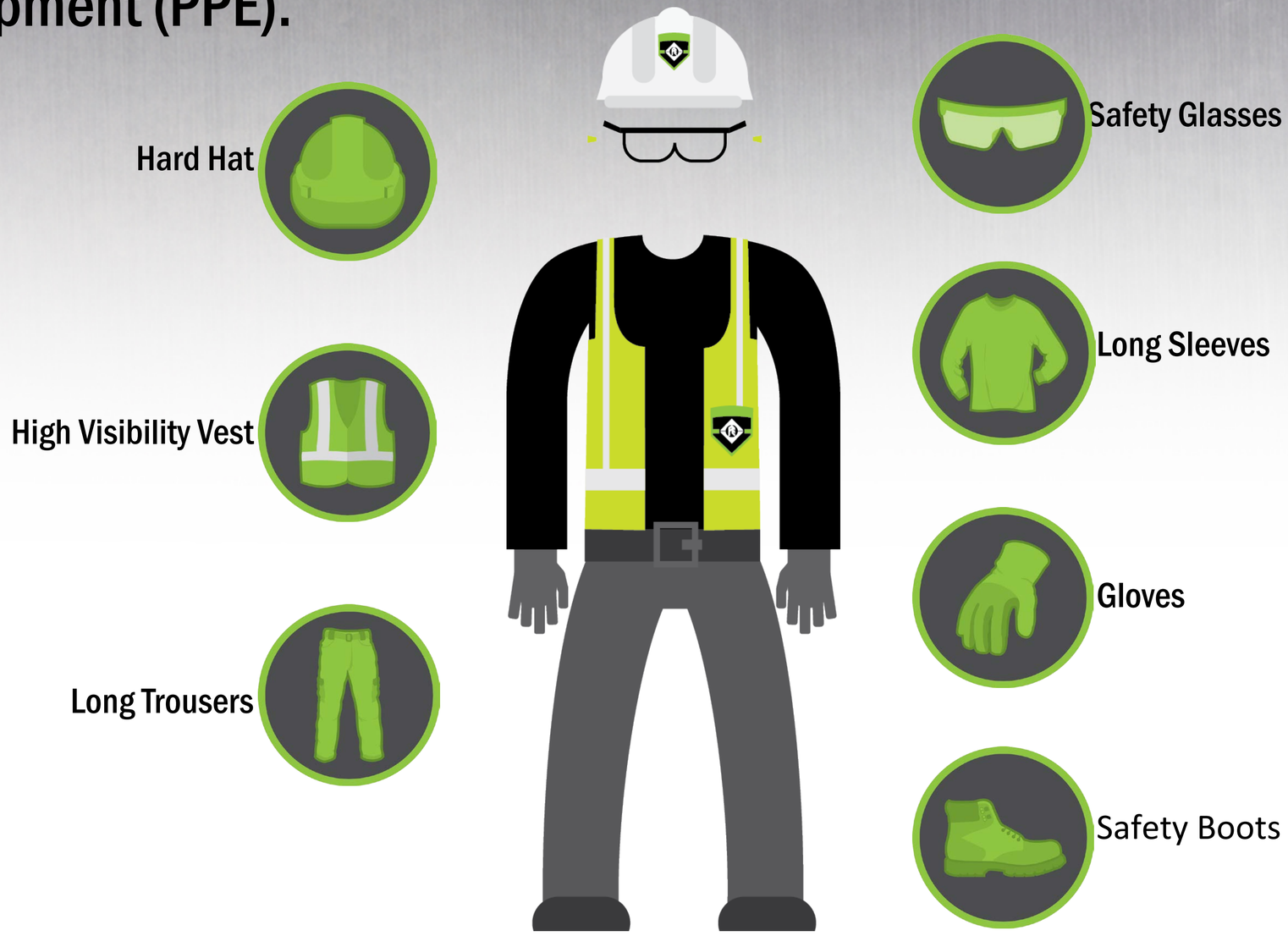
No alcohol or drugs while working or driving.

While driving, do not use your phone and do not exceed speed limits.

Wear your seatbelt.

Follow prescribed journey management plan.

Wear Personal Protection Equipment (PPE).



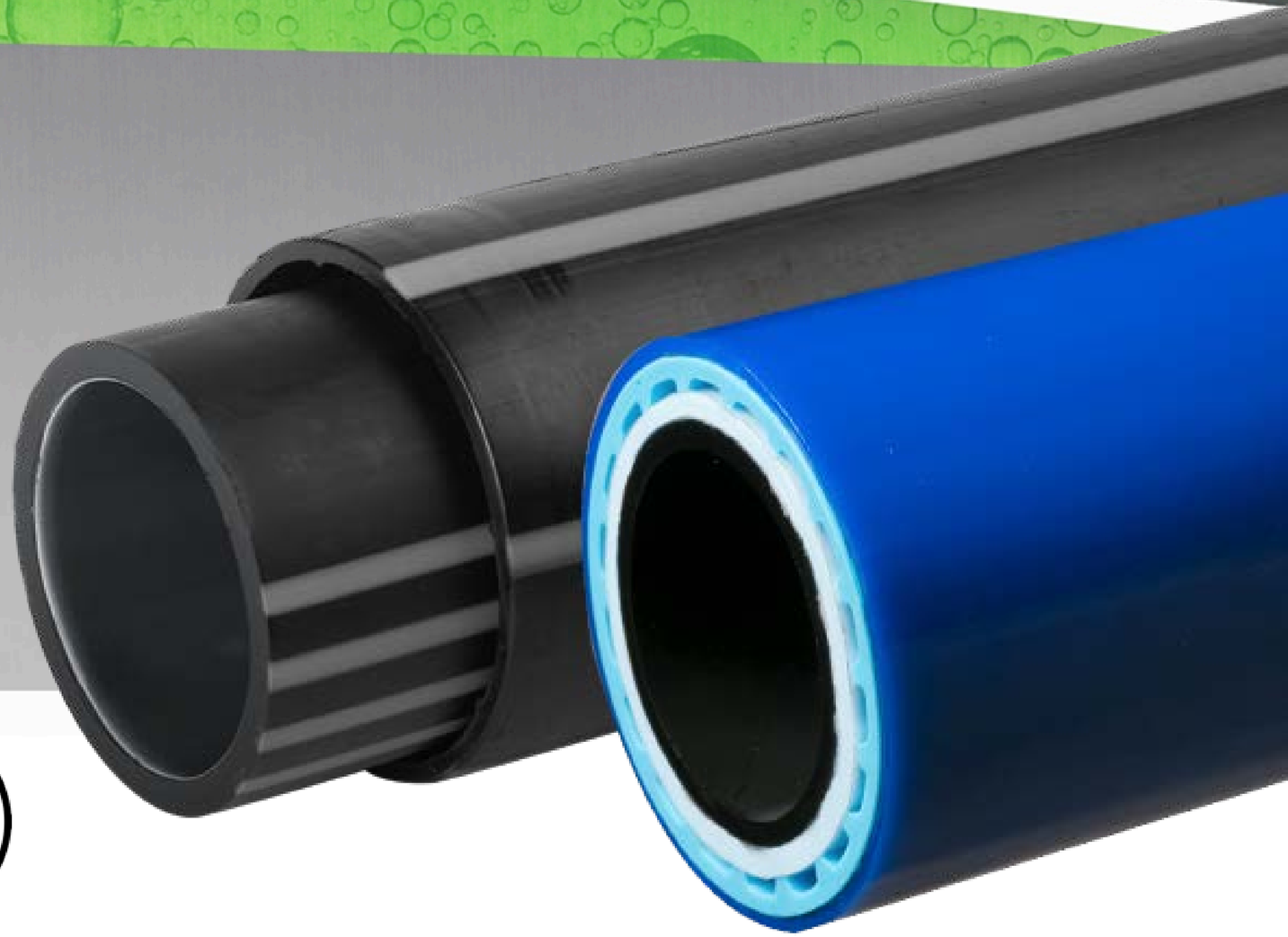
UNDERSTANDING THE NEW REGULATIONS AND WHAT THEY MEAN TO YOU

Franklin Fueling Systems is the expert in underground petroleum systems and we have the solutions to help you not only meet today's challenges, but also protect your investment in the future.

This represents Franklin Fueling Systems sole interpretation of the latest UST Federal regulations. Although these are federal level regulations, you must be aware of varying State/Local/County regulations as well. Contact Franklin for detailed solutions and technical advice.

SECONDARY CONTAINED PIPES & TANKS

REGULATION: Owners and operators are now required to install secondary contained piping and tanks on all new and replacement applications.



FLEXIBLE PIPE

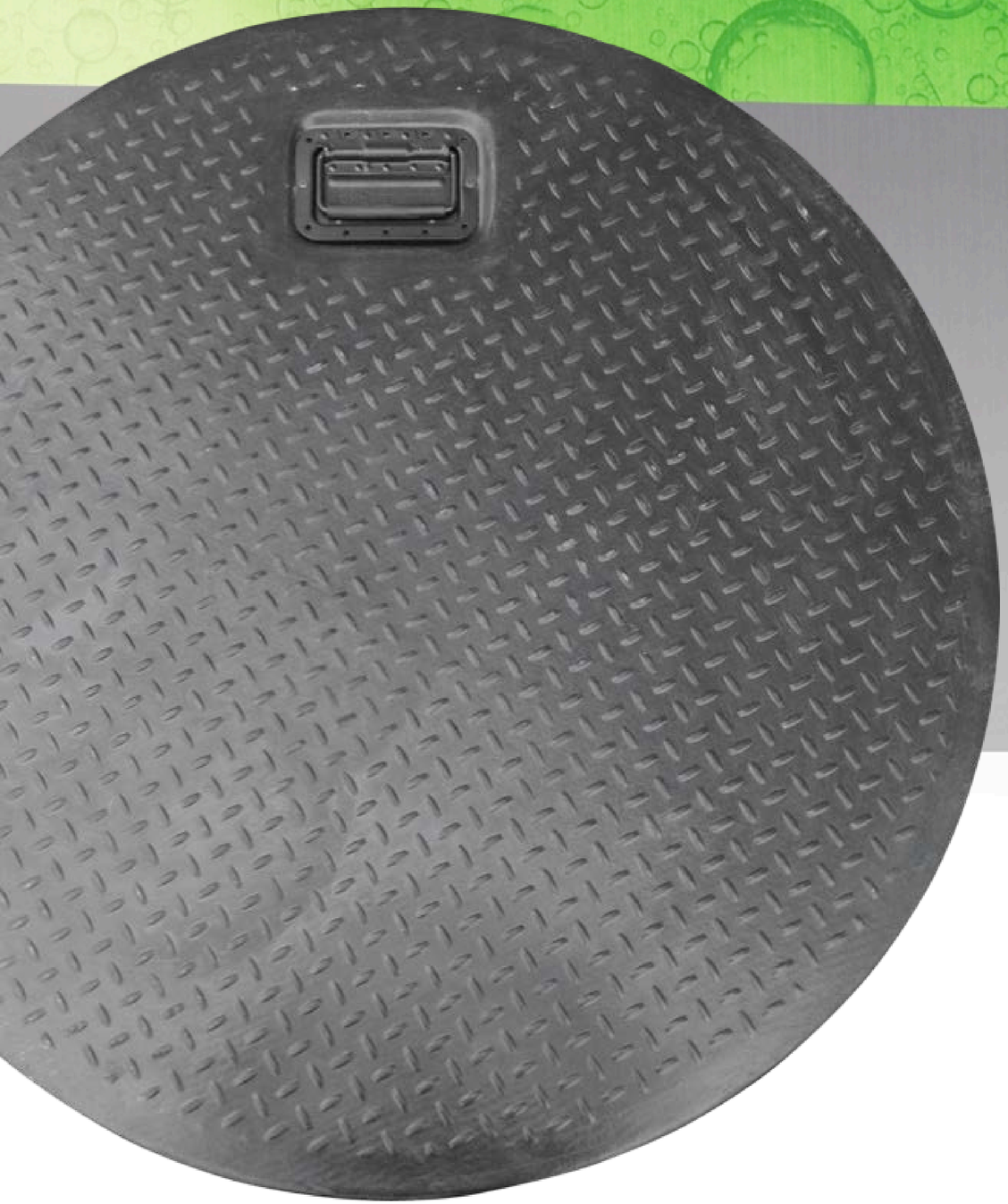
APT™ brand flexible piping systems provide a time-proven, water-tight double-wall pipework solution.

SEMI-RIGID PIPE

UPP™ brand semi-rigid piping systems employ the electrofusion welding installation process for a water-tight double-wall pipework solution.

SENSORS

An assortment of INCON™ brand sensor options are available to detect the presence of liquid for both steel and fiberglass tank interstitial spaces.



WALK THROUGH INSPECTIONS

REGULATION: Visual inspections of spill prevention equipment and release detection equipment must occur every 30 days. Containment sumps must be inspected annually.

MANWAYS

FLEX-ING™ brand composite manways are light and easy to remove for safe and simple monthly inspections.

SPILL CONTAINERS

Defender Series™ double wall spill containers feature an integrated interstitial integrity monitor for fast visual inspection.

SUMPS

APT™ brand sumps feature a white HDPE construction or white gel inner lining (fiberglass) for enhanced visibility.

SPILL PREVENTION TESTING

REGULATION: Owners and operators must test spill prevention equipment for interstitial integrity once every three years.

INTEGRITY TESTING

Defender Series™ double wall spill containers feature two monitoring options, mechanical and electronic, to provide immediate testing.

ELECTRONIC MONITORING

Electronic monitoring option interfaces with TS-550 evo™ fuel management system to provide continual monitoring and logging of interstitial integrity.

FIELD REPLACEMENT

Easily field replace the interior containment without having to break concrete should an issue arise.

OVERFILL PREVENTION TESTING

REGULATION: Owners and operators must inspect overfill prevention equipment for proper level shutoff once every three years.

EASY TESTING

Defender Series™ overfill prevention valves (OPVs) can be tested for functionality without removing them from the riser.

NO SHUTDOWN

Eliminates the need to shut down the station to retest.

SINGLE PERSON TEST

Fast visual inspection can be conducted by a single person.

CONTAINMENT TESTING

REGULATION: Containment sumps must be tested for liquid tightness every three years.

WATERTIGHT PIPEWORK

Prevent liquid penetration up front with APT™ and UPP™ brand piping & containment systems featuring watertight containment entries.

FAST TESTING

Utilize the portable INCON™ brand Sump Test System (STS) to test up to four containments at once in 15 minutes.

SUMPS OR SPILL CONTAINERS

Provides precision testing for both sumps or spill containment.

FUEL COMPATIBILITY

REGULATION: UST system components must be made of or lined with materials that are compatible with the substance stored in the UST system.

APPROVED

Franklin offers a broad selection of equipment that has independent third party certification to a biofuel standard such as UL.

SELF-CERTIFIED

When such a standard is not established/available/accepted, Franklin will certify products to our own rigid set of internal compatibility parameters.

COMPATIBILITY

Franklin offers a wide range of equipment that is compatible with most petroleum based fuels.

INTERSTITIAL MONITORING REPORTING

REGULATION: Suspected releases and system testing associated with release investigation/confirmation must be reported.

RULES ENGINE

The TS-550 evo™ employs a powerful rules engine that can be programed to provide instant alerts and reports automatically.

ALERTS ANYWHERE

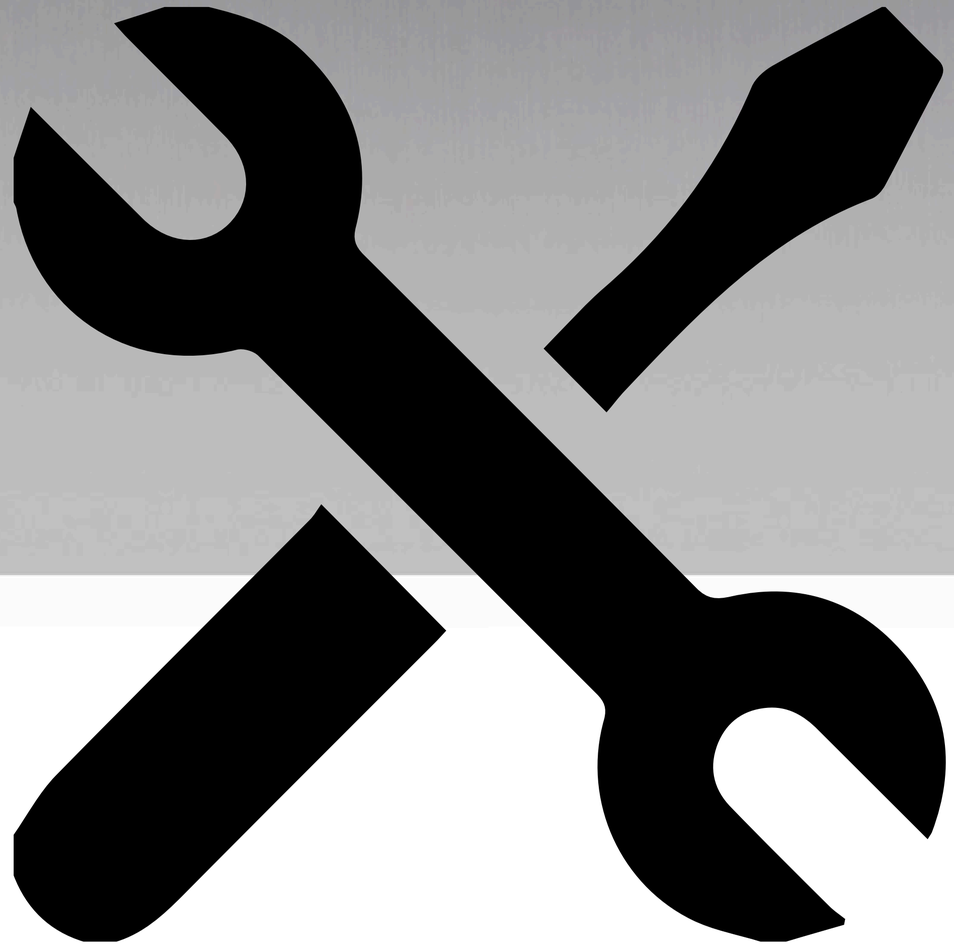
Alerts can be sent via text message, email, or fax to personnel.

REMOTE MONITORING

Once notified, anyone with network access can open up any web-equipped device and log into the console to remotely view details on vital site data.

REPAIR WORK

REGULATION: Fixing system components not linked to a release is considered a repair. Therefore, testing following these activities is now required.



SIMPLE TESTING

All Franklin Fueling Systems release prevention products are designed for fast and easy testing.

OPV TESTING

Defender Series™ OPVs can be quickly tested by a single technician in minutes.

SPILL CONTAINER TESTING

Defender Series™ spill containers are easily pressure tested.

OUR BRANDS

Franklin Fueling Systems is comprised of well-known and trusted industry brands including:

EBW® APT® FLEX-ING™ HEALY INCON UPP FE PETRO®

1988 Founded as FE Petro

2000 Acquisition of EBW, Inc. and APT, Inc.

2002 Acquisition of INCON

2004 Company renamed to Franklin Fueling Systems

2005 Acquisition of Phil-Tite Industries

2006 Acquisition of HEALY Systems

2007 Expansion of headquarters

2010 Acquisition of PetroTechnik (UPP)

2012 Acquisition of FLEX-ING

DESIGNED TOGETHER, TO WORK TOGETHER

TOTAL - We represent the industry's most complete product offering.

SYSTEM - We believe in providing added performance through system integration.

SOLUTIONS - We solve problems with total cost of ownership in mind.

INTEGRATED APPROACH

An integrated approach with a system of products that are specifically engineered to work with one another.

ADDED PERFORMANCE

These integrated systems provide added performance benefits.

TANGIBLE BENEFITS

Faster and safer installations, watertight containment, and system control so you can run your station as efficiently as possible.

SUBMERSIBLE PUMPING SYSTEMS

FE PETRO™

DRIVEN BY INNOVATION

Franklin Fueling Systems

Submersible Pumping Systems – FE Petro

DRIVEN BY INNOVATION

- Manual Pressure Relief (1996)
- Variable Length (1996) – enhanced in 2005
- Variable Speed (1997) – enhanced in 2002
- Smart Controllers (1998) – enhanced in 2002
- MagShell™ flow enhancement option (2002)
- UL 79A (E85) in 2010, UL 79B (B20, B100) in 2012
- UL 842A (E85) and UL 842B (B20, B100) in 2015
- Advanced Protection option in 2015

VARIABLE SPEED

With faster fill times during peak hours and power savings during non-peak hours, FE Petro™ 2 Hp and 4 Hp variable speed submersible pumping systems allow you to maximize profits while mitigating operating expenses.

HIGHER FLOW RATES

The MagVFC™ variable speed controller ramps the STP up and down as needed for optimal flow rates.

ENERGY CONSUMPTION

Systems provides only the necessary power to achieve desired flow rates, only Consuming as much energy as is needed.

MEET FLOW RATE NEEDS

The STP can be adjusted at installation to perform at a maximum per nozzle flow rate of 10 gpm (38 lpm) based on site needs.

HYDRAULIC HAMMER

Minimizes this sudden pressure spike resulting from a stoppage in flow in a pressurized piping system which can be exaggerated in fixed speed systems.

INTELLIGENT CONTROLLERS

With running status and fault history of abnormal conditions to enhance troubleshooting, intelligent controllers keep your station up and running as efficiently as possible.

MORE UPTIME

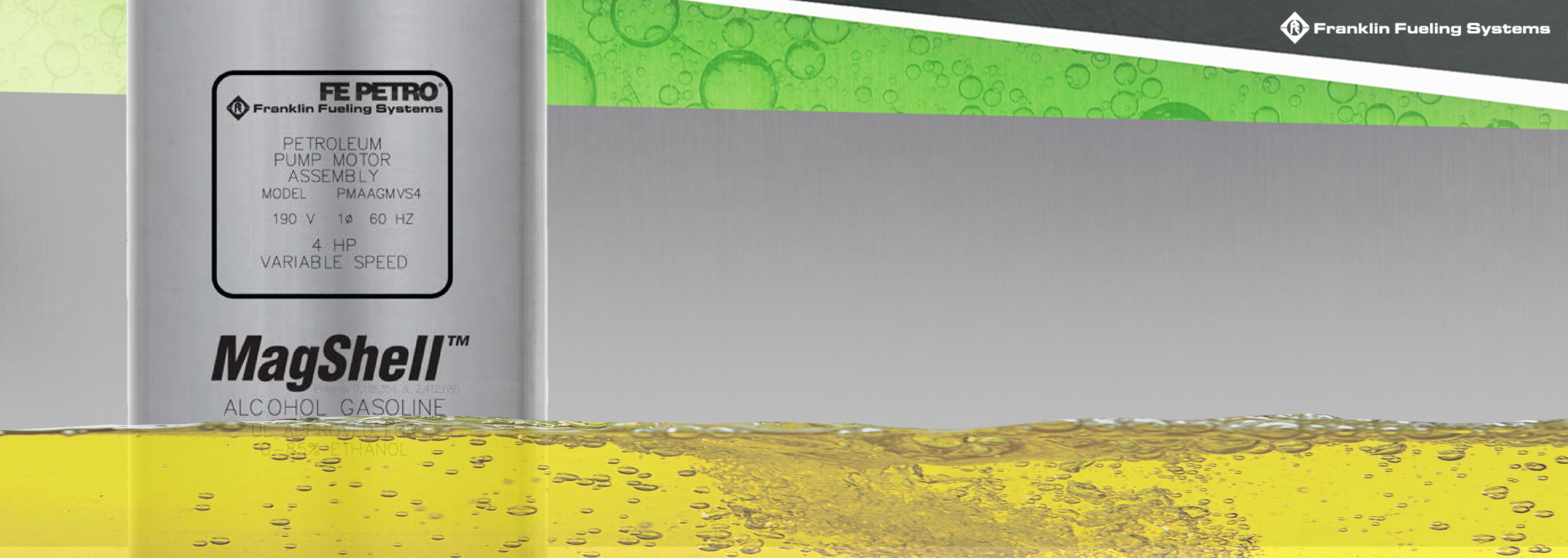
The running status and fault readouts provide visual troubleshooting to help identify issues quickly so you can get the system back up and running.

MAXIMIZE PERFORMANCE

Intelligent controller technology will run your submersible pumps as efficiently as possible to conserve energy costs while still filling cars faster.

FAST INSTALLATION

With no special wiring or software required, intelligent controllers setup quickly and provide the control you need to optimize your system.



FUEL COMPATIBILITY

Market demands for alternative fuel compatibility continue to change. As standards change, FE Petro™ systems are at the forefront, gaining the new approvals our customers need today and moving forward.

PROPER APPROVALS

UL listed products for both gasoline with up to 85% ethanol and diesel fuels with up to 20% or 100% biodiesel.

BIOFUEL COMPATIBLE

We offer a broad range of compatible pumps and MLDs to suit the needs of any application including fixed and variable speed models.

BUILT ON OUR STANDARD

Replacement items like check valves and pump motor assemblies are directly interchangeable, eliminating the need to stock duplicates.

ADVANCED PROTECTION

Available as an option on AG compatible submersible turbine pumps, Advanced Protection defends STPs from accelerated corrosion caused by the acetic byproduct of microbial activity.

FACTORY INSTALLED

Factory installed option on STPAG and IST biofuel compatible models.

SUPERIOR PROTECTION

Powder-coated and E-coated finishes protect exterior cast surfaces, while fasteners, risers, variable length column pipes, and couplers are stainless steel.

CORROSION RESISTANT

This superior construction is perfect for preventing accelerated corrosion in ULSD, high ethanol, AST, marina, and aviation applications.

MLD+ MECHANICAL LEAK DETECTION

MLD+ mechanical leak detectors provide reliable leak detection for standard fuel and biodiesel applications on 4" submersible turbine pumps.

UL LISTED for standard and biofuel compatibility.

MAXIMUM FLOW

Opens completely to allow maximum product flow during fueling operation and remains open with discharge pressure as low as 1 PSI (0.07 bar).

COMPACT DESIGN

Compact, yet rugged design to reduce installation height and provide accurate, hassle-free operation of a piston style leak detector.

PRECISE LEAK DETECTION

A specialized metering pin unique to only the MLD+ provides precision leak detection for any type of pipework system including flexible, rigid and a combination of the two.

INTAKE FILTER SCREEN (IFS)

As biofuel use continues to grow, so does the potential for increased debris inside the storage tank. To stop this debris from entering the pumping system, use an FE Petro™ brand Intake Filter Screen (IFS).

FACTORY OR RETROFIT INSTALLED

Factory installed on STPs and Pump Motor Assemblies (PMAs) or they can be field-retrofitted onto existing FE Petro™ or competitive 4” PMAs, adding only about 1” to length PMA.

SELF-CLEANING

Provides filtration down to about the size of a grain of sand (0.009” openings) while also preventing debris to attach to the flat face.

PERFORMANCE MAINTAINED

The output performance of the STP/PMA is maintained to that of a standard end bell while providing the added filtration for the entire pumping system.

FE Petro – Intake Filter Screen

TOTAL SYSTEM SOLUTIONS

NEXT LEVEL TANK GAUGING

Franklin Fueling Systems

INTUITIVE USER INTERFACE

We've given you the ability to be as productive as possible by making the user interface simple and easy to use by anyone who interfaces with the tank gauge.

HUGE SCREEN

Brilliant full color, animated 7" display touch screen

INTUITIVE DESIGN

Easy to understand icons and buttons, just like on your mobile phone.

FAST PROCESSOR

Lightning fast 600 MHz processor for fast, responsive operation.

ONE TOUCH BUTTONS

Programmable buttons that automate common tasks with one button push.

QUICK JUMP MENU

Jump to any screen, from any screen at any time for simple and easy navigation.

INTUITIVE ALARMS

Pop-up and scrolling alarm status along with advanced detail screens help you effectively handle alarms.

- FMP-LL3-XXX: Leak Detection Probe
  - Can report the level of up to three floats
    - Product, Water and Density (2” or 4”)
  - Magnetostrictive probe with exceptional linearity, resolution and stability
  - Installs into a 2, 3, or 4 inch riser pipe
  - Includes foot and centering ring for bottom mounting
  - For use in all petroleum applications
  - 316 stainless steel shaft
  - Required for precision leak testing
    - .1 gph Test
    - .2 gph Test
    - SCALD Testing
  - Sold in lengths up to 12 feet

PHASE SEPARATION

Detect harmful separated fuel in your storage tank before it becomes a problem for you and your customers.

WHAT IS IT?

Effectively manage product levels as well as alert you of water or phase separation levels in your tanks.

HOW TO USE IT?

Single-float solution for both water and phase separation that works with our gauge to indicate water and phase separation in tanks.

WHAT'S THE BENEFIT?

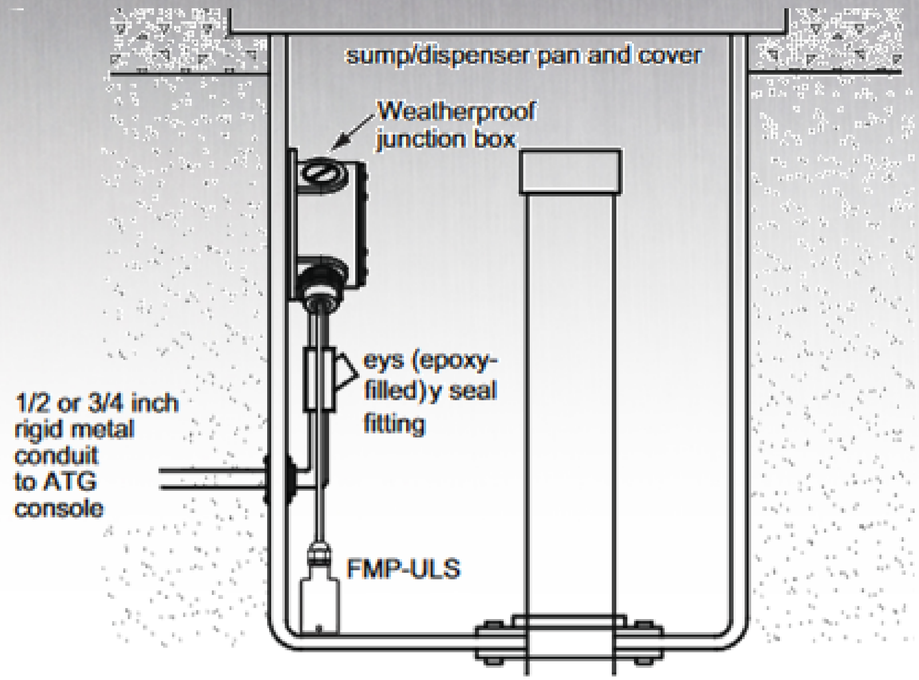
Effectively and automatically shut down a submersible pump before water or phase separation reaches the customer's vehicle.

SELECTING A SENSOR

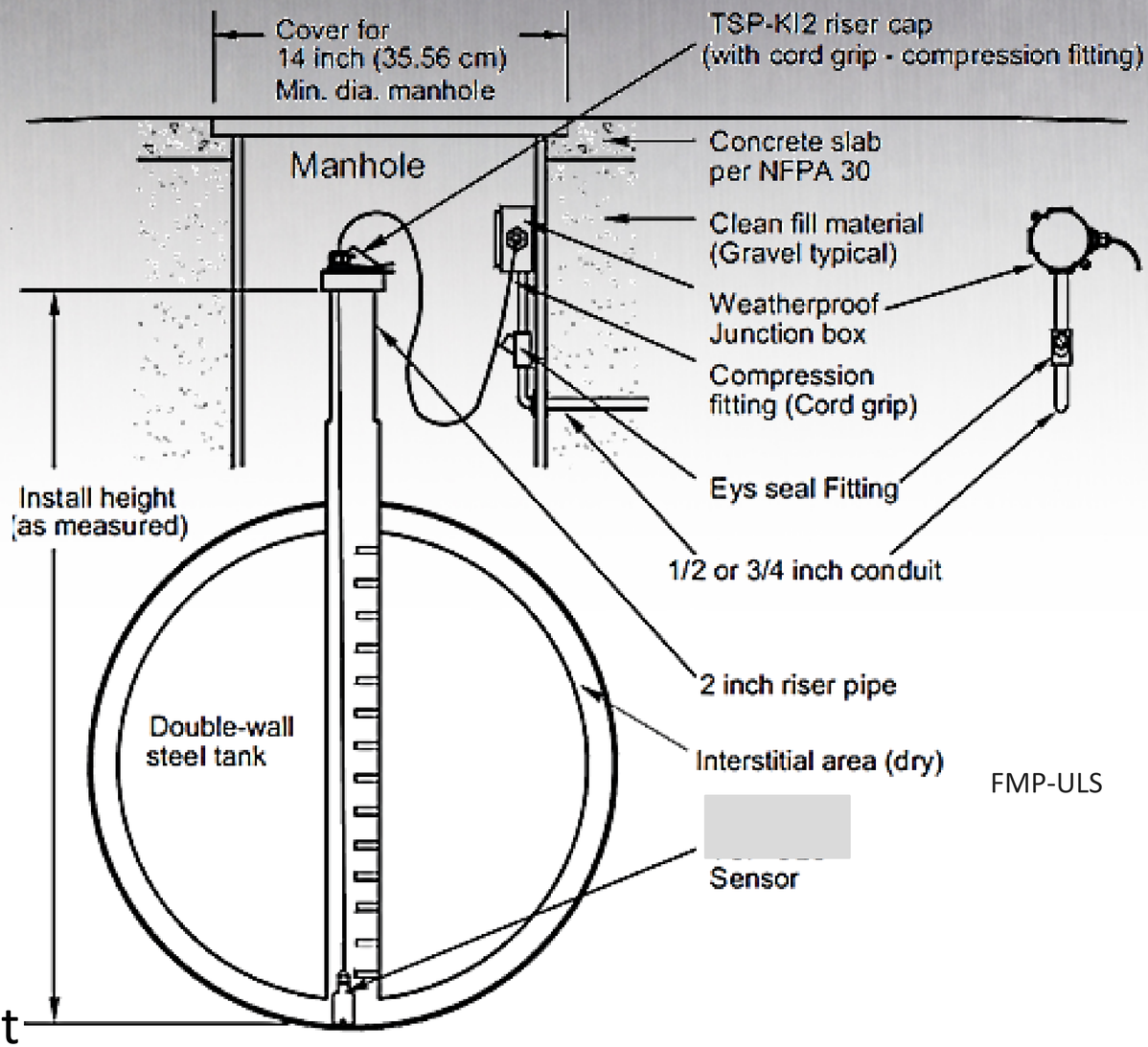
Use this side-by-side comparison of our sensor offering to make your selection.

Part Number	 TSP-DDS	 TSP-DTS	 TSP-DMS	 TSP-ULS	 TSP-EIS	 TSP-DIS	 TSP-HIS
Sensor	Discriminating Dispenser Sump Sensor	Discriminating Turbine Sump Sensor	Discriminating Magnetostrictive Sump Sensor	Universal Liquid Sensor	Electro-Optic Interstitial Sensor	Discriminating Interstitial Sensor	Hydrostatic Interstitial Sensor
Discriminating Capability	✓	✓	✓			✓	
Non-Discriminating				✓	✓		✓
Turbine Sump Applications		✓	✓	✓			
Dispenser Sump Applications	✓		✓	✓			
Tank Interstitial Space Applications				✓	✓	✓	✓
Position Sensitive (Tamper Protection)			✓				
Hydrostatic Monitoring Capability							✓
Typical Application	Dispenser sump applications requiring discriminating capabilities	Turbine sump applications requiring discriminating capabilities	Turbine or dispenser sump applications with tamper protection regulations in place	Turbine and dispenser sumps or drop-down tank interstitial space	Dry double wall tank applications including fiberglass and wrap-around	Dry double wall tank applications requiring discriminating capabilities	Double wall tank interstitial space filled with brine solution

- FMP-ULS:
  - Standard sensor that is used to detect presence of liquid in dispenser sumps, turbine sumps and interstitial areas of steel tanks.
  - Uses magnetic-float/reed-switch technology
  - Normally closed circuit will open when float rises ½” (12mm)
  - Must be installed suspended or standing



- FMP-ULS:
  - Installation In Storage Tank Interstitial Space
    - Pull sensor cable through TSP-KI2 riser cap and cord-grip until mark reaches top of cord-grip fitting
    - Tighten cord-grip fitting
    - Suspend sensor vertically then lower into tank interstitial area
    - Pull sensor cable through cord-grip fitting at



FMP-ULS

- FMP-EIS-U & FMP-DIS-U:
  - Standard (EIS) and enhanced (DIS) BriteSensors™ used to detect liquids in dry interstitial of double wall tanks
    - EIS: Normally close circuit opens at presence of liquid
    - DIS: Uses enhanced conductivity pins to discriminate between water and hydrocarbons
      - Alarms include:
        - Water
        - Product
      - Communicates a sensor ID to ATG

FMP-DIS-U

FMP-EIS-U

- Remote Alarms: Models
  - TS-RA1
    - Audible annunciator
    - Best located in tank field
  - TS-RA2
    - High intensity annunciator
    - Best located at distance from tank field
  - TS-RK

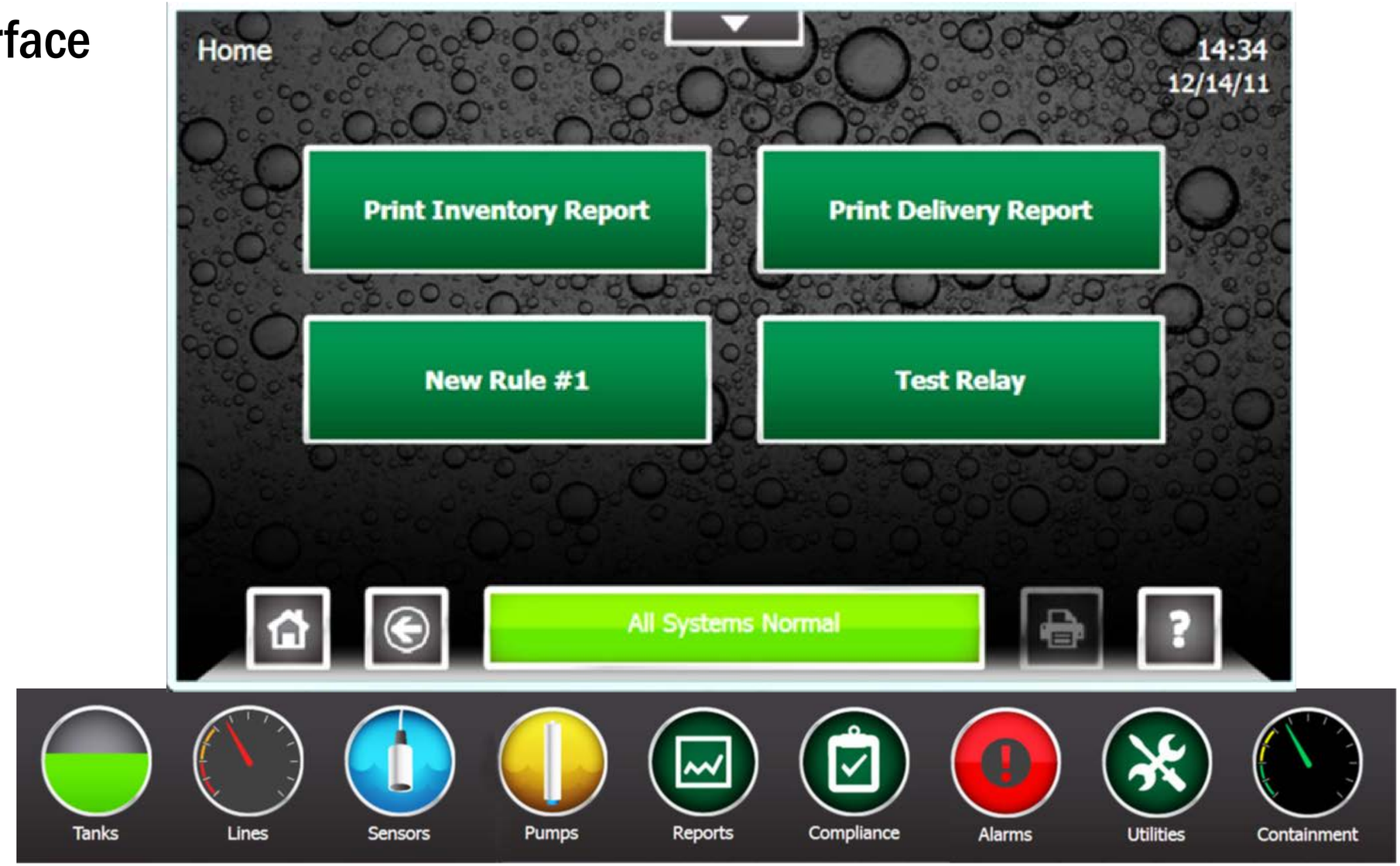
Fuel Management Systems – TS-550 EVO

EVO™ Series Models & Features

- TS-550 evo: Complete Fuel Management System
  - –Tank Inventory and Leak Detection
  - –Sensors & Line Leak
  - –Reconciliation & Autocalibration
  - –Turbine Pump Interface (TPI)
  - –Secondary Containment Monitoring
  - –Quick Jump Menu
  - –One Touch Programmable Buttons
  - –Faster Processor
  - –Simplified User Interface
  - –Upgraded Alarm Interface
  - –Programmable Product Colors
  - –Standard Ethernet Port

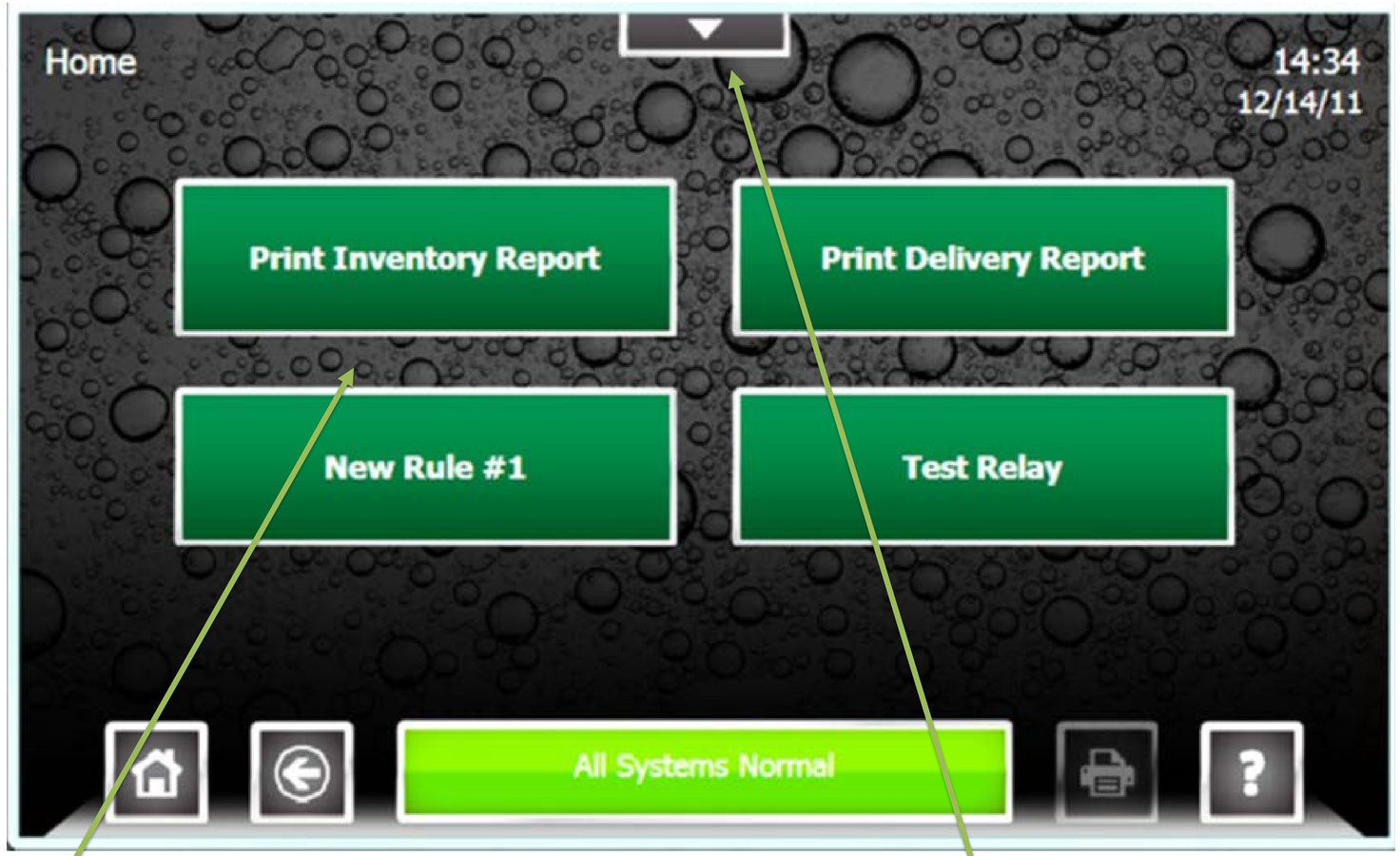
Automatic Tank Gauge (ATG) Navigation

- **Graphic User Interface**



Automatic Tank Gauge (ATG) Navigation

- **Graphic User Interface**

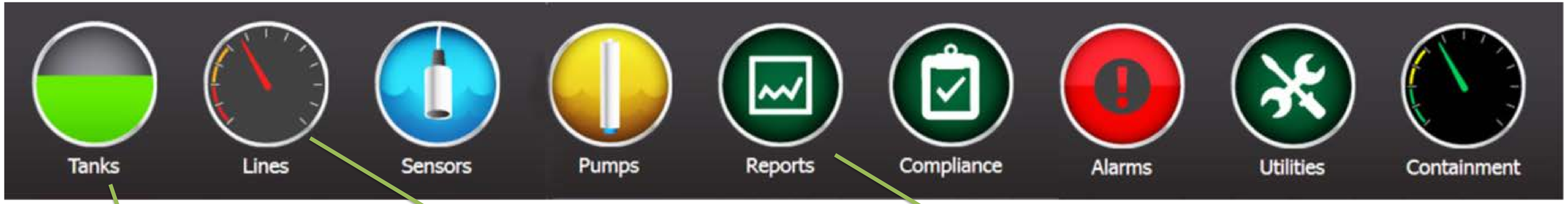


One Touch Button: Run customized and specific rule for various controls functions

Quick Jump Menu: Allows rapid access to console functions

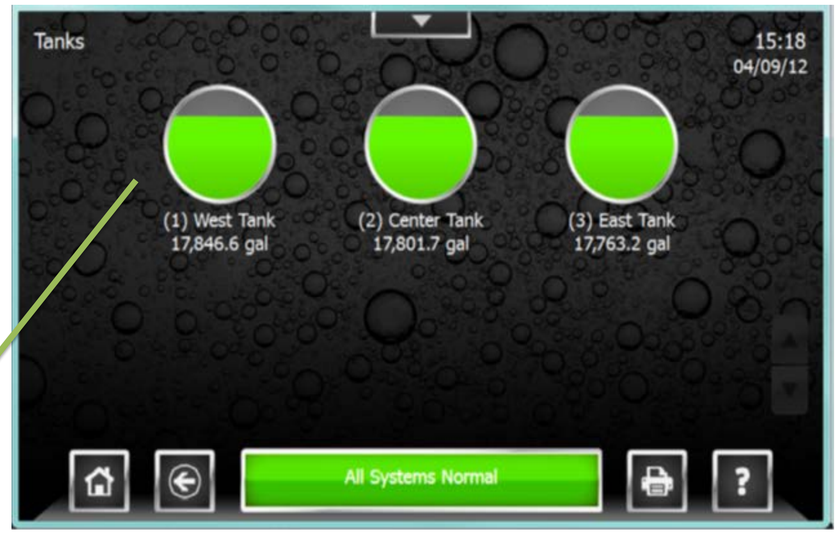
Automatic Tank Gauge (ATG) Navigation

- **Graphic User Interface**
  - **Quick Jump Menu**



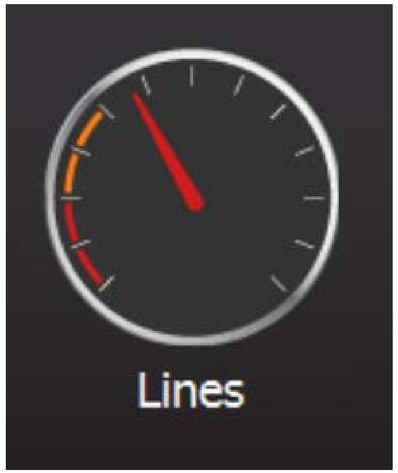
Automatic Tank Gauge (ATG) Navigation

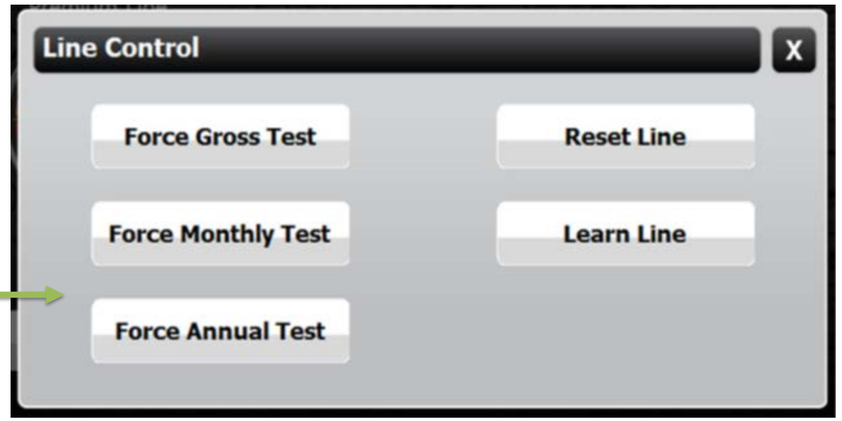
- **Graphic User Interface**
  - **—Tanks Menu**



Automatic Tank Gauge (ATG) Navigation

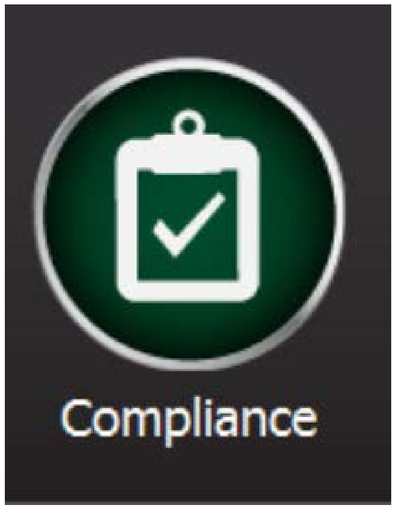
- **Graphic User Interface**
  - —Lines Menu

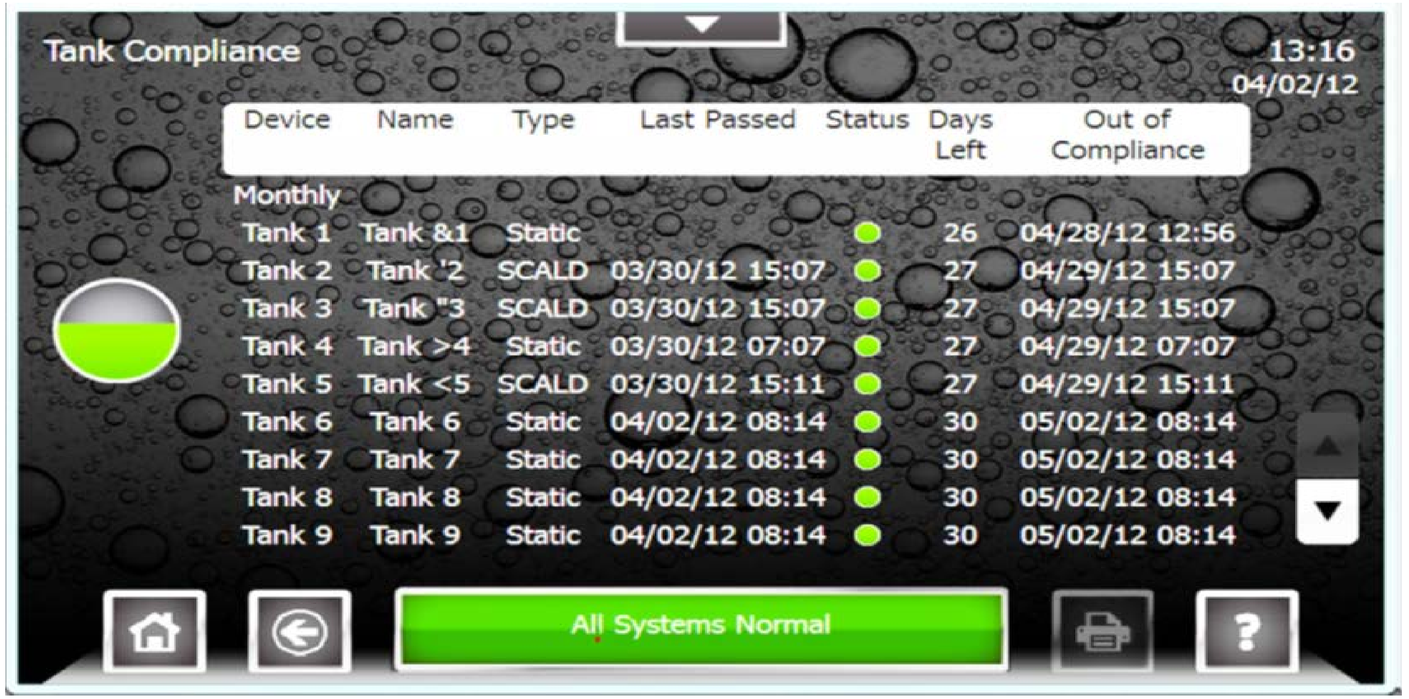




Automatic Tank Gauge (ATG) Navigation

- **Graphic User Interface**
  - **—Compliance Menu**



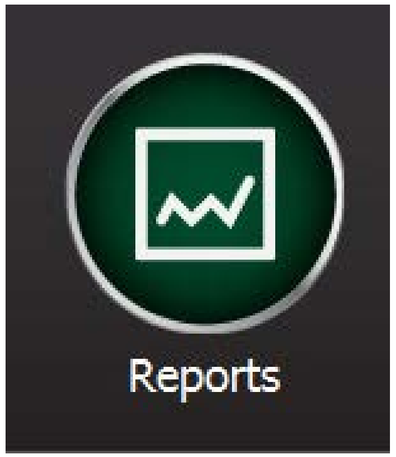


Compliance Status

- Compliant: The device is in compliance
- Compliance Alert: The device will be out of compliance in 8 to 14 days
- Compliance Warning: The device will be out of compliance in 1 to 7 days
- Compliance Alarm: The device is out of compliance

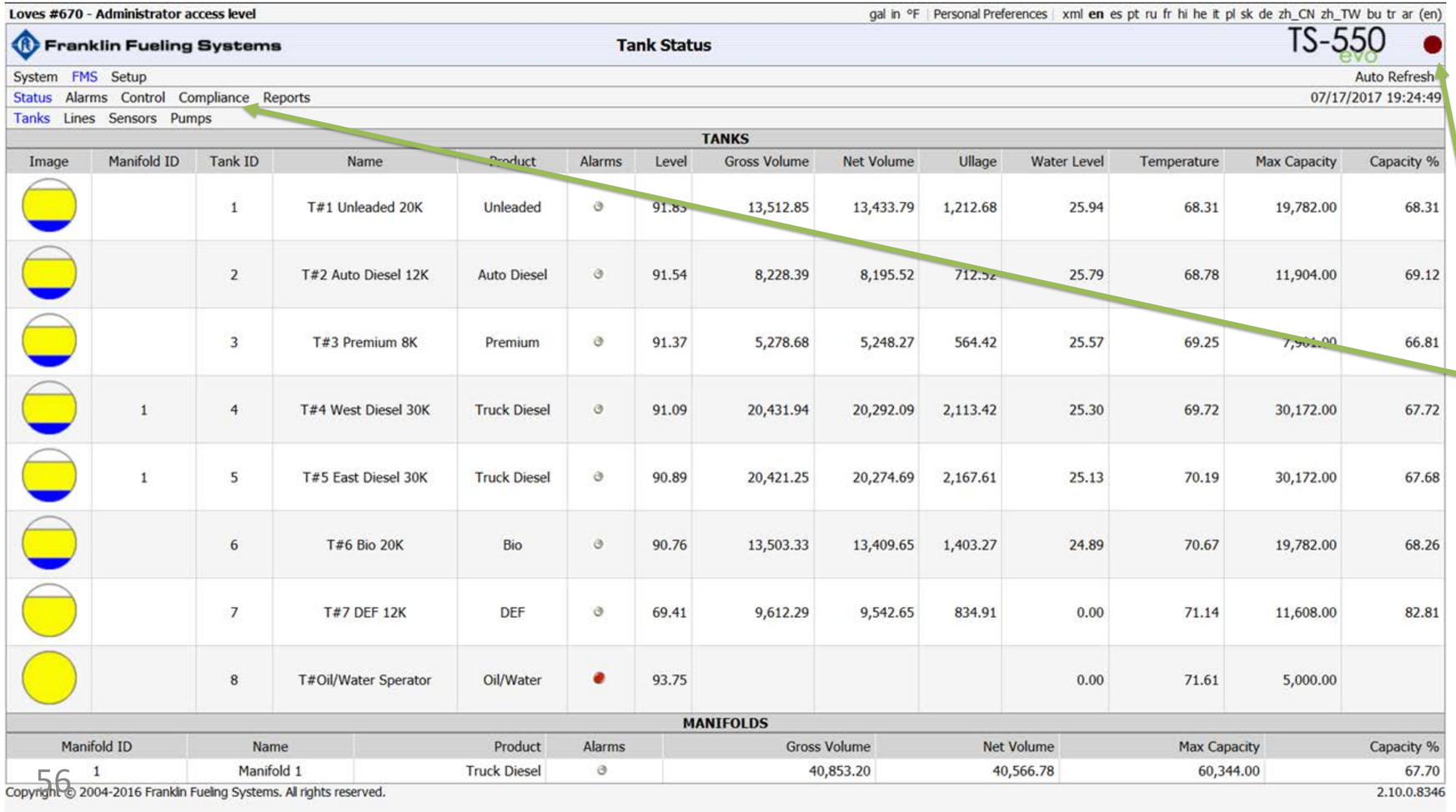
Automatic Tank Gauge (ATG) Navigation

- **Graphic User Interface:**
  - **—Reports Menu**



Automatic Tank Gauge (ATG) Navigation

•Web Interface: Navigation



Loves #670 - Administrator access level

gal in °F | Personal Preferences | xml **en** es pt ru fr hi he it pl sk de zh_CN zh_TW bu tr ar (en)

Franklin Fueling Systems

Tank Status

TS-550 evo

System FMS Setup

Auto Refresh

Status Alarms Control Compliance Reports

07/17/2017 19:24:49

Tanks Lines Sensors Pumps

TANKS

Image	Manifold ID	Tank ID	Name	Product	Alarms	Level	Gross Volume	Net Volume	Ullage	Water Level	Temperature	Max Capacity	Capacity %
		1	T#1 Unleaded 20K	Unleaded		91.83	13,512.85	13,433.79	1,212.68	25.94	68.31	19,782.00	68.31
		2	T#2 Auto Diesel 12K	Auto Diesel		91.54	8,228.39	8,195.52	712.52	25.79	68.78	11,904.00	69.12
		3	T#3 Premium 8K	Premium		91.37	5,278.68	5,248.27	564.42	25.57	69.25	7,961.00	66.81
	1	4	T#4 West Diesel 30K	Truck Diesel		91.09	20,431.94	20,292.09	2,113.42	25.30	69.72	30,172.00	67.72
	1	5	T#5 East Diesel 30K	Truck Diesel		90.89	20,421.25	20,274.69	2,167.61	25.13	70.19	30,172.00	67.68
		6	T#6 Bio 20K	Bio		90.76	13,503.33	13,409.65	1,403.27	24.89	70.67	19,782.00	68.26
		7	T#7 DEF 12K	DEF		69.41	9,612.29	9,542.65	834.91	0.00	71.14	11,608.00	82.81
		8	T#Oil/Water Sperator	Oil/Water		93.75				0.00	71.61	5,000.00	

MANIFOLDS

Manifold ID	Name	Product	Alarms	Gross Volume	Net Volume	Max Capacity	Capacity %
1	Manifold 1	Truck Diesel		40,853.20	40,566.78	60,344.00	67.70

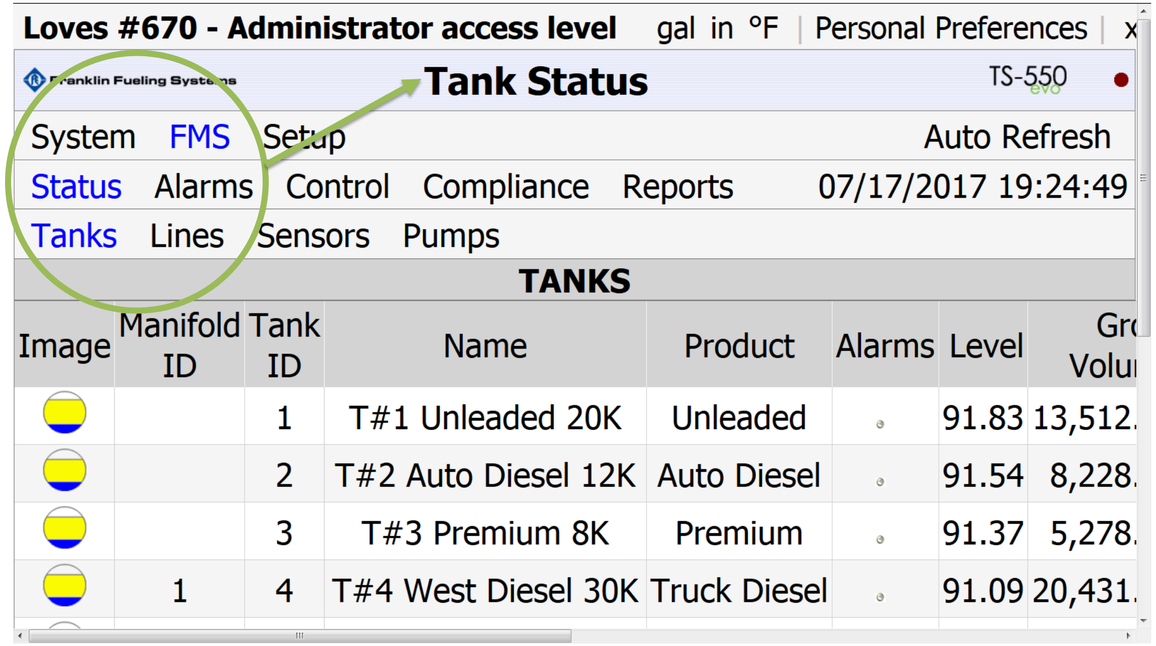
2.10.0.8346

Tank Status:

- Landing page when first logging in
- Provides all details of tanks
  - Name, product, level, water level etc.
- Red, yellow light in upper right navigates to alarms page
- Link in upper left allow navigation to other devices, applications

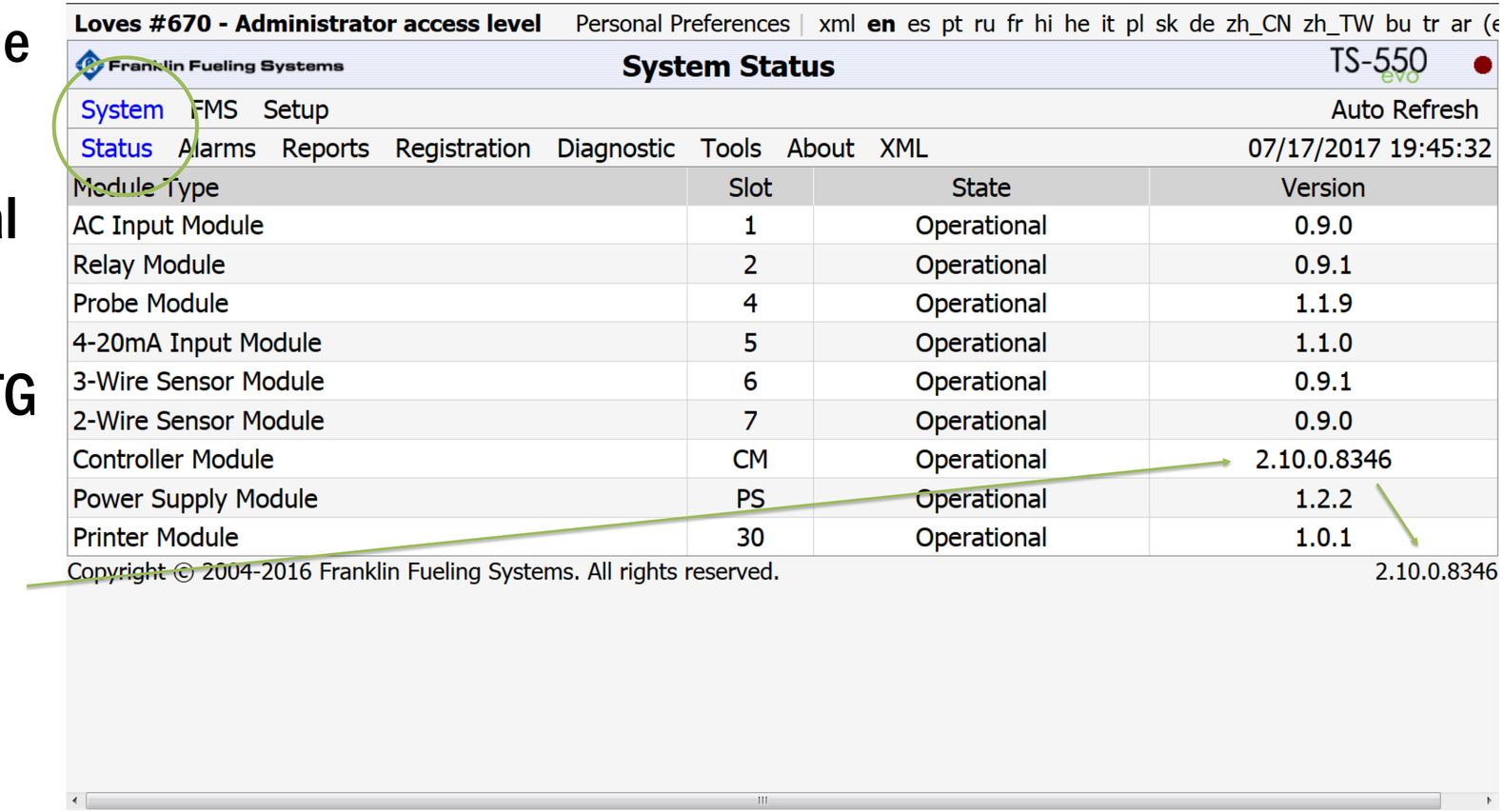
Automatic Tank Gauge (ATG) Navigation

- **Web Interface: Navigation**
  - **Links:**
    - Upper left of every page will have selection based on location within web interface
    - Highlighted in **blue** indicating current location
  - **Access Level**
    - Informs user of current access level
    - Can be clicked to change level; prompt password request entry
  - **Site Identifier**
    - Set in System ID under setup parameters



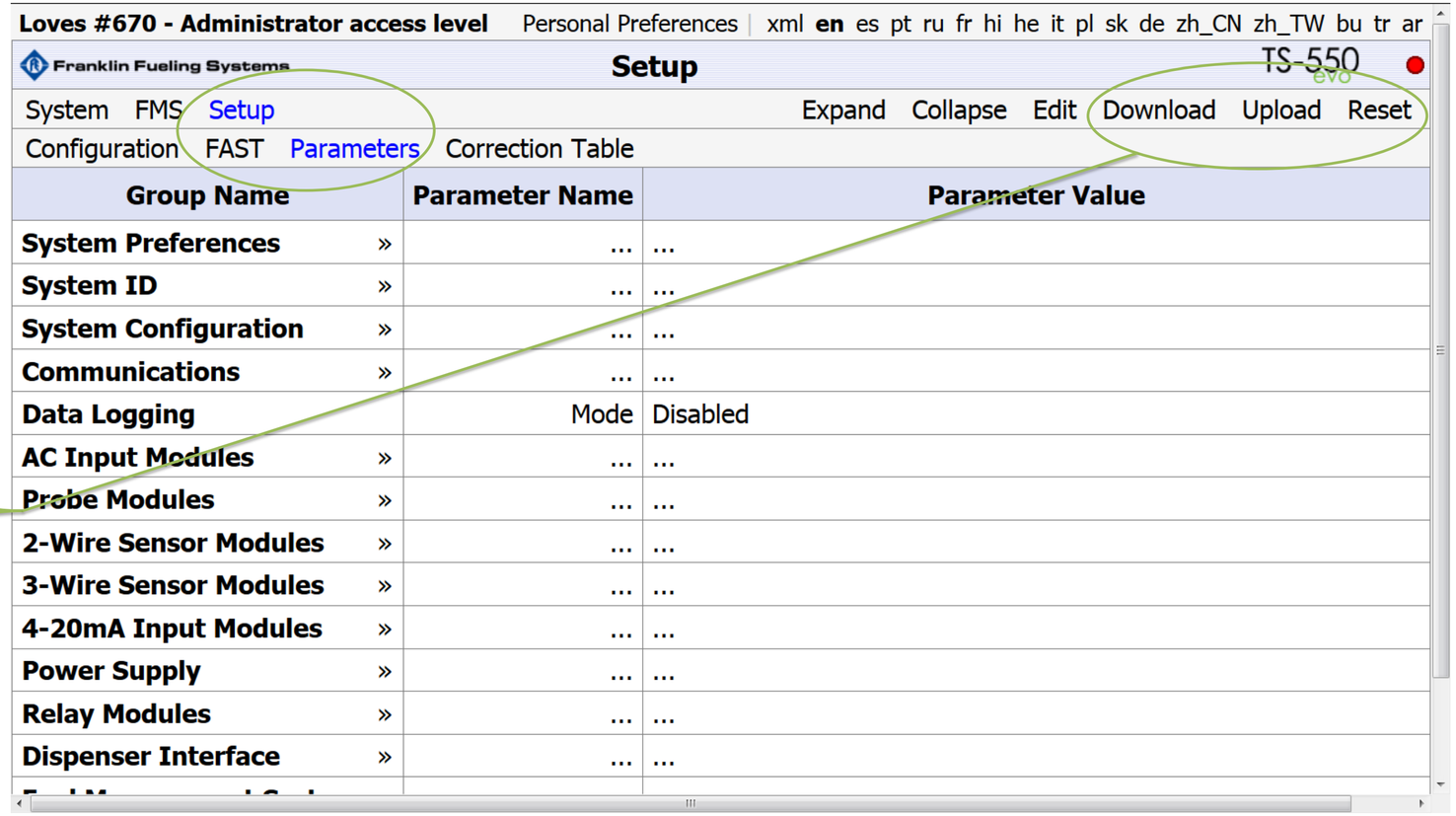
Automatic Tank Gauge (ATG) Navigation

- **Web Interface: System Status**
  - List all modules installed in console
  - Identifies slot module installed
  - State: operational or in operational
  - Version
  - CM-Version: software version of ATG



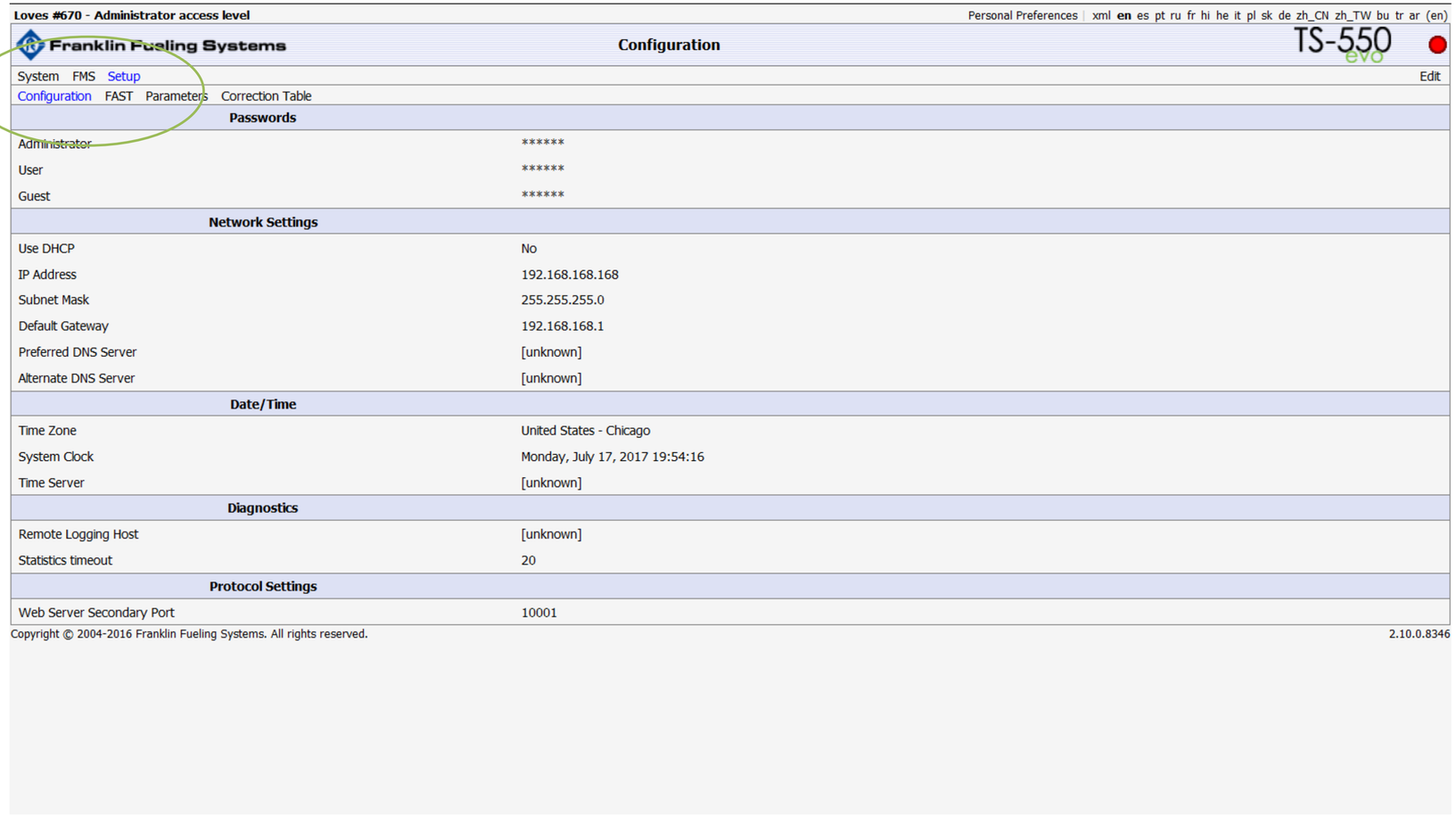
Automatic Tank Gauge (ATG) Navigation

- **Web Interface: Programming**
  - **Setup: Parameters**
    - **Links**
      - **Download:**
        - »Allows user to download set file in .XML format
      - **Upload:**
        - »Allows set file to uploaded to console; must be .XML format
      - **Reset:**
        - »Resets setup parameters to default settings



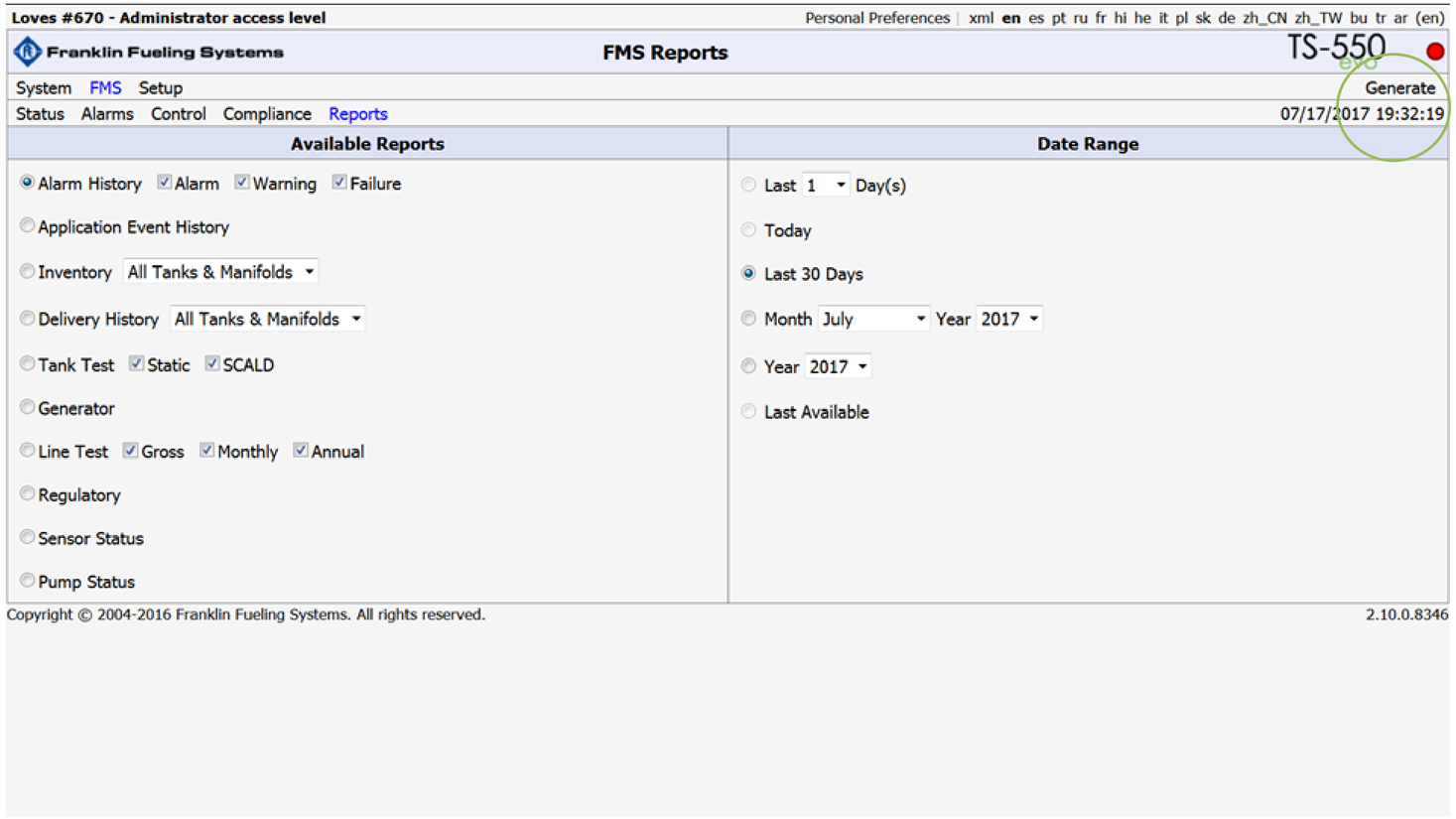
Automatic Tank Gauge (ATG) Navigation

- Web Interface: Programming
  - Setup: Configuration
    - Allows technician to edit:
      - Passwords
      - Network settings
        - IP Address
        - DNS address
      - Date/time
      - Web Secondary port



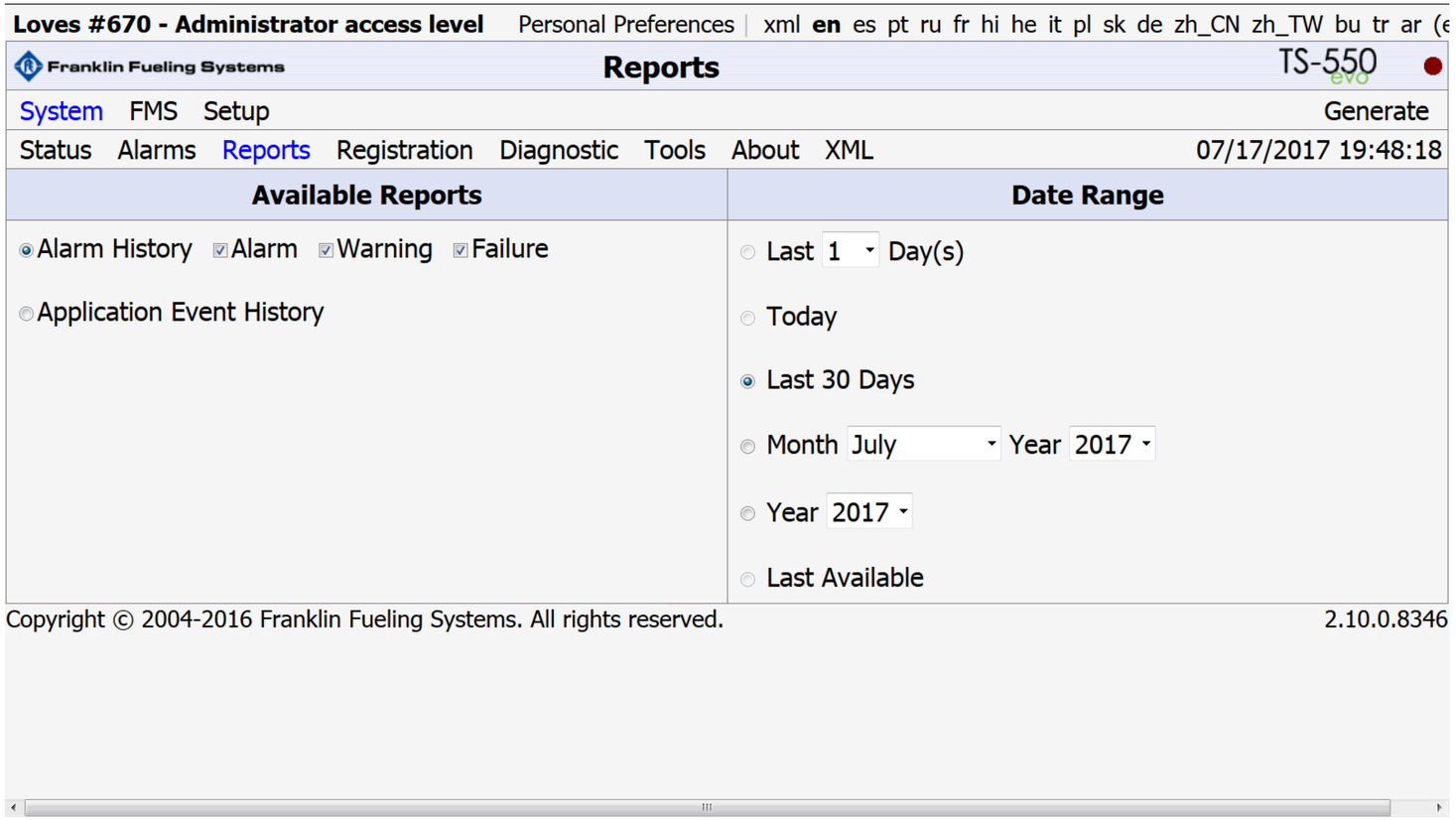
Automatic Tank Gauge (ATG) Navigation

- **Web Interface: Reports**
  - **FMS Reports:**
    - Provides list of available reports and selection of dates ranges.
  - **Date Range:**
    - Options will vary based on type or report selected
  - **Generate Link:**
    - In upper right will generate report on separate tab of browser



Automatic Tank Gauge (ATG) Navigation

- **Web Interface: Reports**
  - **System Reports:**
    - Provides list of available reports and selection of dates ranges.
  - **Date Range:**
    - Range desired for report generated
  - **Generate Link:**
    - In upper right will generate report on separate tab of browser



Tank Testing

Tank Testing

- Static Tank Testing Capabilities
  - Uses existing INCON® magneto-strictive probe
    - TSP-LL2-XXX or FMP-LL3-XXX
  - Performs annual or monthly static leak test programmable or force tests from any user interface
  - Static Tanks Testing (Scheduled Testing)
    - EPA and 3rd party approval for static testing
      - 15,000 gallon tank @ annual 0.1 gph
      - 30,000 gallon tank @ monthly 0.2 gph
      - No manifolded tanks

Tank Testing

- Statistical Continuous Automatic Leak Detection (SCALD)
  - SCALD 2.0 is 3rd party approved for ONLY three manifolded tanks
    - Maximum Tank Volume: 49,336 gallons
    - Maximum Throughput: 257,818 gallons
  - SCALD 3.0 is 3rd party approved for ONLY three manifolded tanks
    - Maximum Tank Volume: 32,891 gallons
    - Maximum Throughput: 445,408 gallons
  - Compliance via Sensors (CVS)
    - Utilize interstitial and sump sensors to meet compliance

Tank Testing

Issue Date: November 16, 2015
Revision Date: October 17, 2017

Franklin Fueling Systems

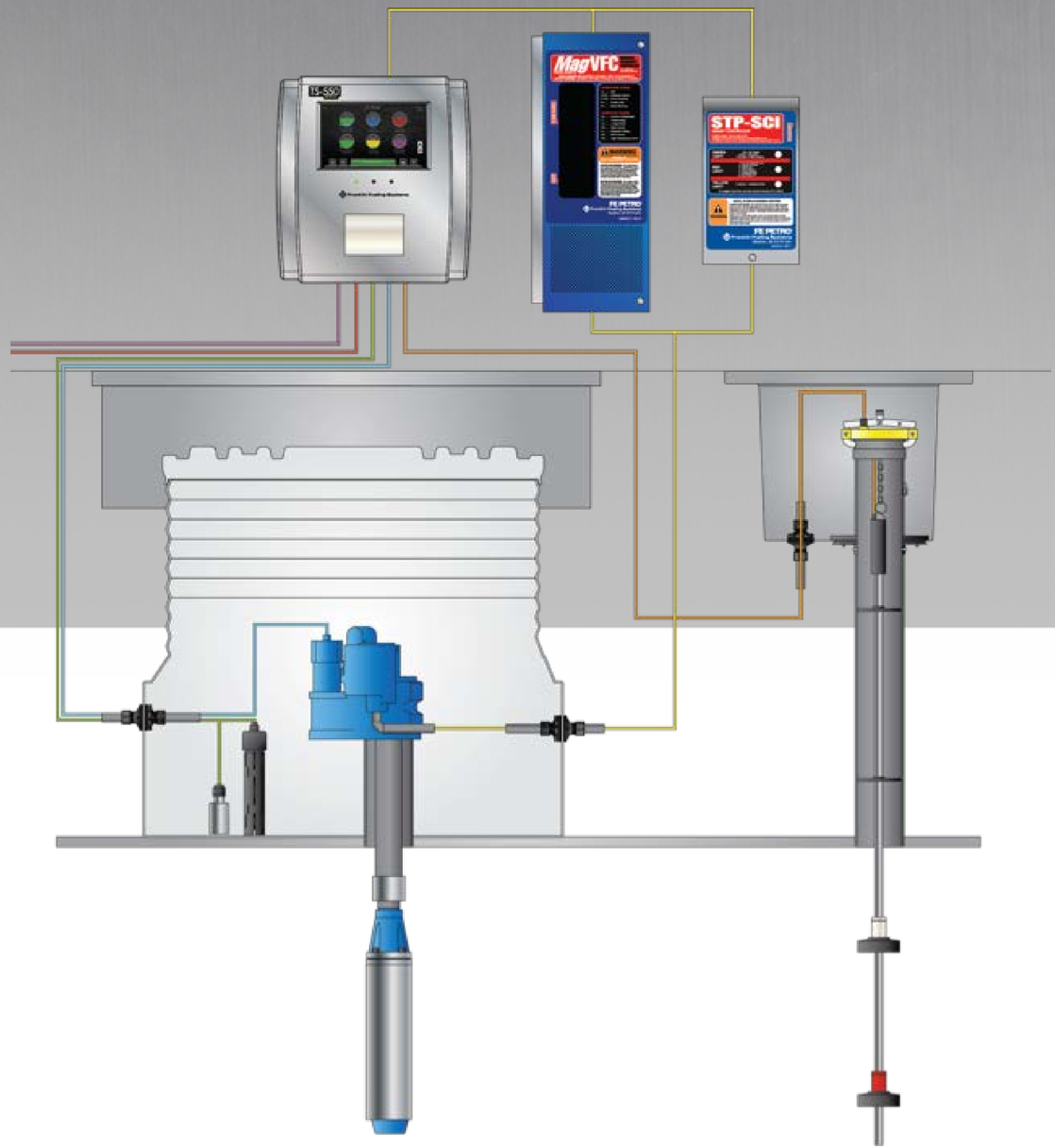
INCON T5 Series, TS-5, TS-550, TS-5000, TS-550evo, TS-5000evo, Colibri, EVO 200 and EVO 400 consoles with SCALD 3 (INCON TSP-LL2 and FMP-LL3 Magnetostrictive Probe)

CONTINUOUS IN-TANK LEAK DETECTION METHOD
(Continuous Automatic Tank Gauging)

Certification	Leak rate of 0.2 gph with PD > 95% and PFA < 0.001%.
Leak Threshold	0.17 gph for single tanks at 95% PD. 0.155 gph for manifolded tank systems at 95% PD. 0.16 gph for single tanks at 99% PD. 0.135 gph for manifolded tank systems at 99% PD. A tank system should not be declared tight and a message printed for the operator, if the test results indicate a loss or gain that exceeds this threshold.
Applicability	Gasoline, diesel, aviation fuel, fuel oil #4, biodiesel blends B6-B20 meeting ASTM D7467, biodiesel B100 meeting ASTM D6751.
Tank Capacity	Maximum of 32,891 gallons for single tanks and for all tanks manifolded together.
Throughput	Monthly maximum of 445,408 gallons.
Waiting Time	None. The algorithm tests the data for stability and discards those before the tank is stable.
Test Period	Data collection time ranges from 5 to 26 days. Data sampling frequency is at least once per minute. System collects data at naturally occurring product levels without interfering with normal tank operation, and discards data from unstable periods when system performs test.

TURBINE PUMP INTERFACE

Run your business as efficient as possible by networking your FE Petro™ submersible pumping system with intelligent controllers to an INCON™ fuel management system. Sharing pumping and fuel management intelligence, this synergy provides your pumping system with these enhanced capabilities:



REMOTE PUMP INTERFACE

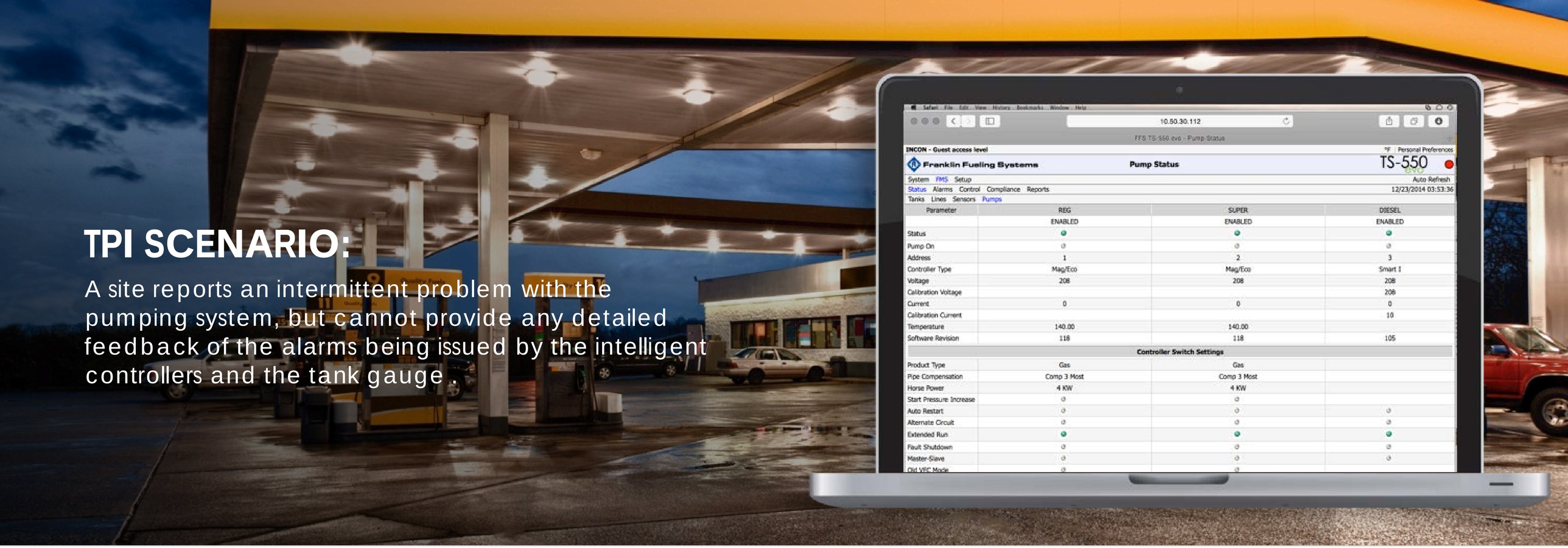
E-MAIL & TEXT NOTIFICATIONS

CLOGGED STP ESCALATION

TANK LEVELING

ENHANCED OVERFILL PREVENTION

PUMP-IN WATER AUTOMATION



TPI SCENARIO:

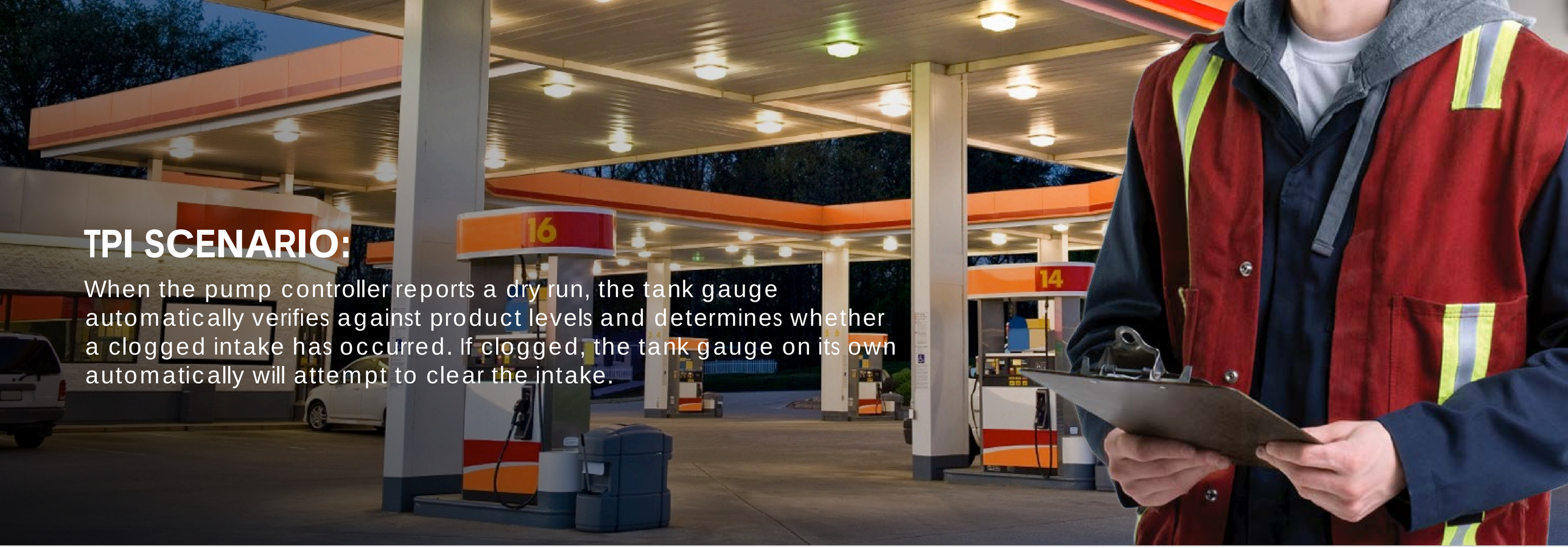
A site reports an intermittent problem with the pumping system, but cannot provide any detailed feedback of the alarms being issued by the intelligent controllers and the tank gauge .

REMOTE PUMP INTERACTION

By networking the intelligent controllers to the fuel management system via TPI, a technician can **remotely connect to the site** to review the logged event history and view the status of the pump controllers.

E-MAIL & TEXT NOTIFICATIONS

Additionally, the fuel management rules engine can automatically notify the proper off-site personnel to ensure a timely and accurate response.

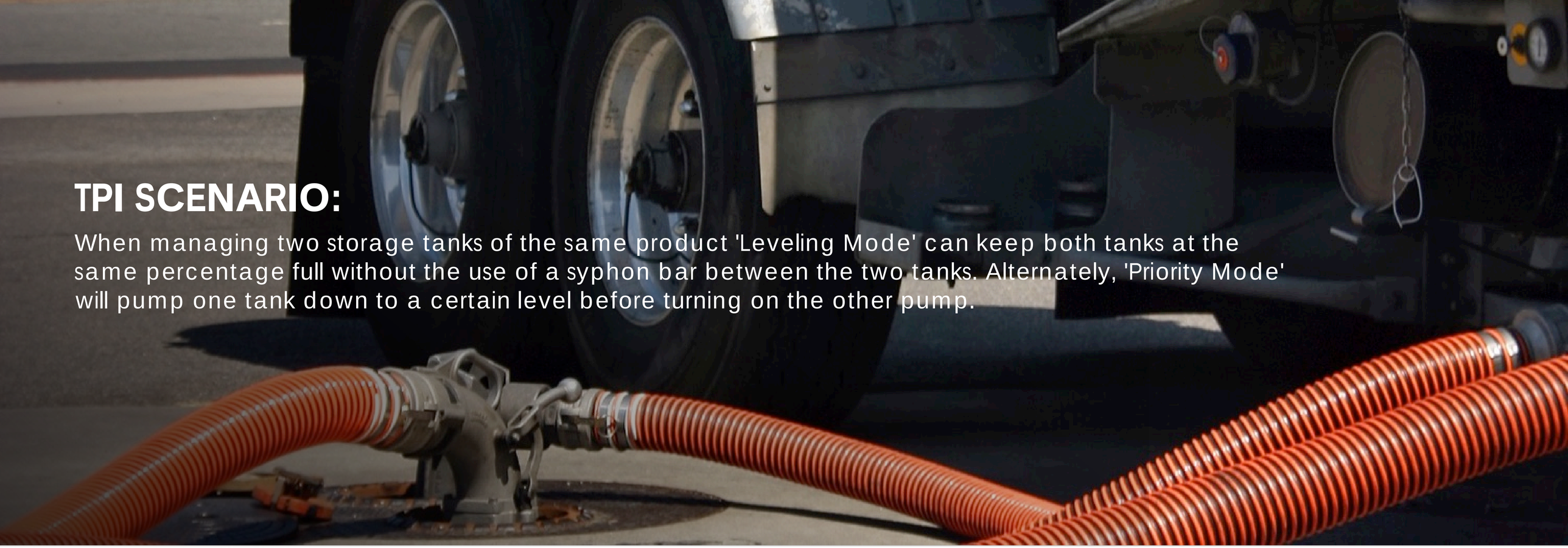


TPI SCENARIO:

When the pump controller reports a dry run, the tank gauge automatically verifies against product levels and determines whether a clogged intake has occurred. If clogged, the tank gauge on its own automatically will attempt to clear the intake.

CLOGGED INTAKE ESCALATION

By attempting to clear the intake on its own, **TPI can eliminate the need for a service call**. Whether the intake is cleared or not, TPI will log the alarm to provide detailed history to expedite service in the event of a future dry run versus clogged intake alarms.



TPI SCENARIO:

When managing two storage tanks of the same product 'Leveling Mode' can keep both tanks at the same percentage full without the use of a syphon bar between the two tanks. Alternately, 'Priority Mode' will pump one tank down to a certain level before turning on the other pump.

LEVELING & PRIORITY MODES

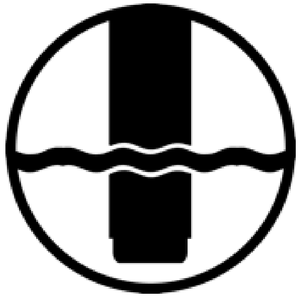
Leveling Mode mimics a traditional syphon system **without the upfront cost of piping between the two storage tanks**. You can also avoid the on-going maintenance costs of servicing the syphon bar as well as the additional piping penetrations in the tank sumps.

ENHANCED OVERFILL PREVENTION

With TPI, the system is able to react automatically to prevent overfill conditions.

TPI SCENARIO:

When the water level in a tank approaches the pump intake, the tank gauge will enter alarm mode and automatically shut down the pump, protecting the system and consumers from water being pumped from that tank.



PUMP IN WATER AUTOMATION

By shutting off the affected pump, **TPI prevented water from being pumped into the customer's vehicle**, avoiding potential damage and lost customer loyalty.

WANT MORE?

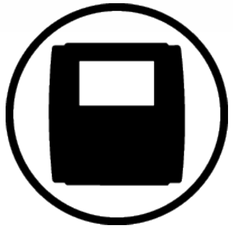
Visit **franklinfueling.com/TPI** for more product information and literature downloads.

Line Leak Testing

HOW IT WORKS

ELLD is a pressure-based system that uses line information to monitor changes in pressure during periods of no dispensing.

It determines if a line is tight or if there is a leak and will provide 3.0 gph hourly, 0.2 gph monthly and 0.1 gph annual precision line leak detection. Here's what you'll need:



TS-550 evo™

A fuel management system with the TS-ELLD software option, a TS-420 input module, and a TS-RLY Relay module or TPI Turbine Pump Interface.

TS-LS500 Transducer Kits

A transducer which plugs into the submersible, available in 2, 3, or 4-line kits with cables included.

AUTOLEARN™ TECHNOLOGY

As a standard feature of ELLD, AutoLearn™ automatically learns the pressure characteristics of each pipeline, for precision leak detection.

NO INPUT NEEDED

Automatically learning the pressure characteristics eliminates the need to enter pipe lengths and diameters, removing the potential for human error.

TAMPER PROOF

Users are unable to manipulate setup parameters in order to clear alarms.

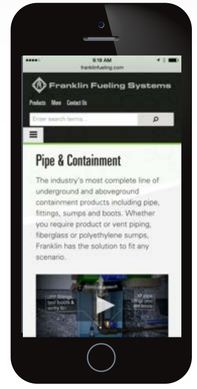
Electronic Line Leak Detection, ELLD – TS-550 EVO

TRUE WATERTIGHT SYSTEMS

Water intrusion into containment spaces is one of the biggest expenses that marketers face today. Additionally, tightening regulations continue to drive the need for true watertight containment solutions that are **easy to install and can be relied upon for the entire life of the system** once concrete is laid.

Check out these complete watertight solutions to meet the needs of any application.

APT® | UPP | FLEX-ING™



WANT MORE?

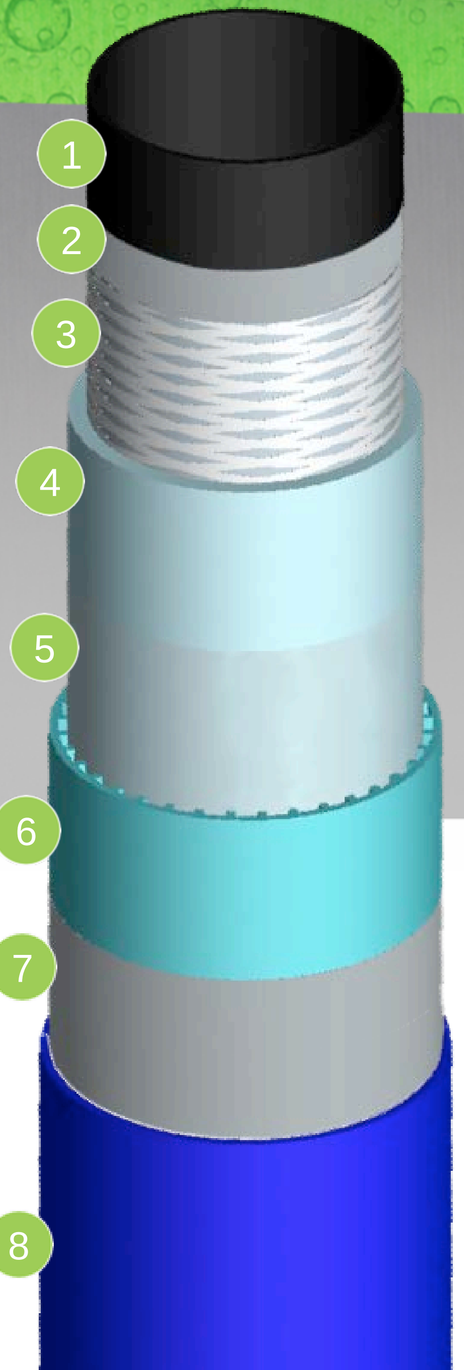
Visit **franklinfueling.com/P&C** for more product information and literature downloads.

Piping and Containment – APT

XP PIPE CONSTRUCTION

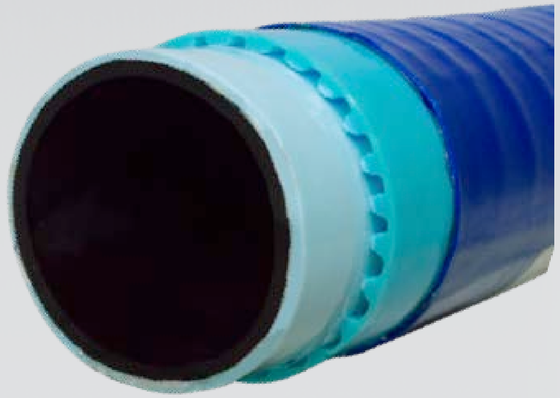
Double wall (or secondary contained) XP pipe features a premium multi-layer construction designed to:

- Provide double wall protection
- Give the pipe enhanced strength
- Allow the pipe to flex to accommodate sweeping bends in forecourt design



DID YOU KNOW?

Nylon 12 is the same material used by the automotive industry to make fuel and brake lines in vehicles.



XP Pipe Construction:

1. Interior Primary (Nylon 12)
2. Metallized Mylar
3. Nylon Braid
4. Exterior Primary (Nylon 12)
5. Clear Mylar
6. Secondary Jacket (Nylon 12)
7. Metallized Mylar
8. Scuff Guard (Nylon 12)

PIPE DIAMETERS

XP pipe is offered in 1”, 1 ½”, 1 ¾”, and 2” diameters in a variety of lengths.

RIGID ENTRY BOOTS

Rigid entry boots allow you to connect XP double wall flexible pipe to containment sumps with an unsurpassed level of installation ease, while also completely removing exposed rubber from the connection.

FAST ACCURATE INSTALLATION

Requires only a single 5" entry hole for installation, eliminating the time-consuming process of drilling multiple holes as well as the templates they require.

ENSURE 90° ENTRY

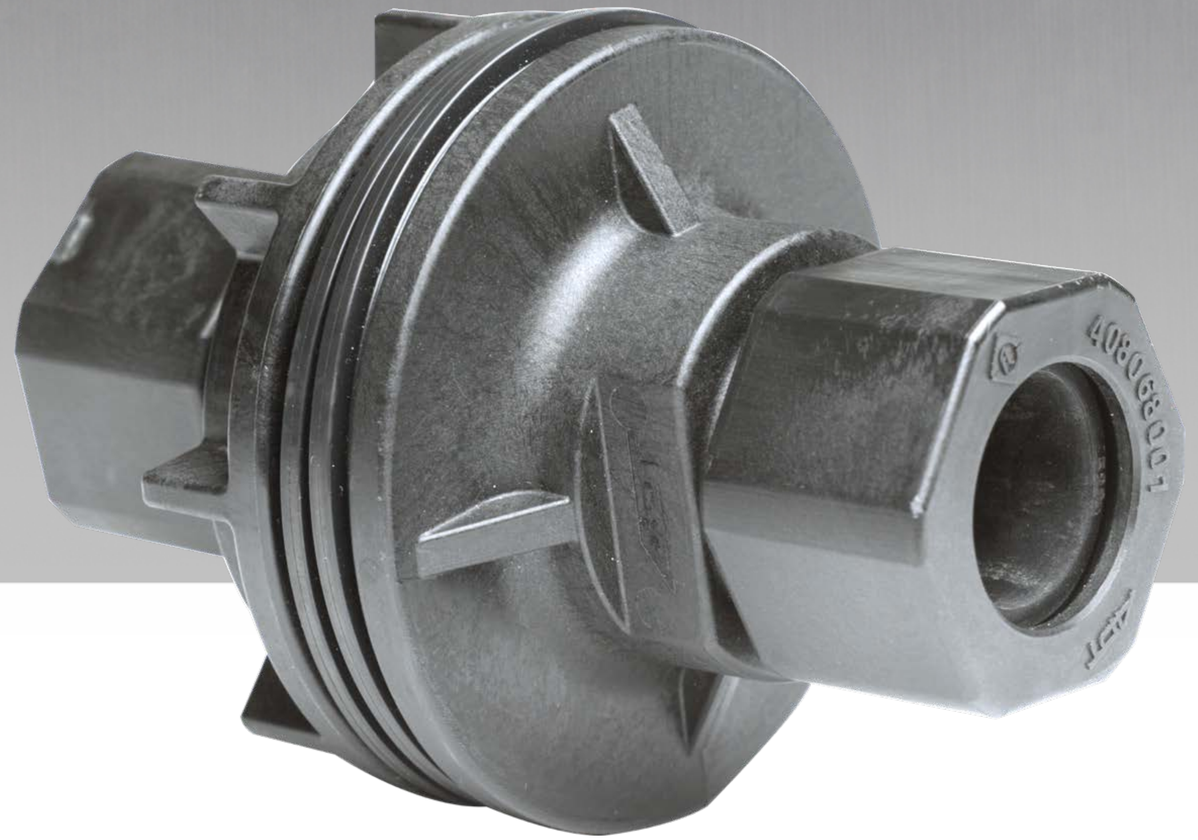
The interior ridges of the boot guide XP flexible pipe into place to assure a proper 90° entry into the containment sump.

ANY APPLICATION

Suitable for use on flat and round sump surfaces with models available for both ducted and non-ducted applications.

ELECTRICAL CONDUIT RIGID ENTRY BOOTS

Allow you to connect both 1” and ¾” electrical conduit to containment sumps with a significant reduction in installation time, while also completely removing exposed rubber from the connection.



FAST ACCURATE INSTALLATION

Requires only a single 2¾" entry hole for installation, eliminating the time-consuming process of drilling multiple holes as well as the templates they require.

WATERTIGHT SEAL

Features a dual-seal design that will provide a watertight seal with either galvanized or coated conduit.

ANY APPLICATION

Suitable for use on flat and round sump surfaces with models available for both ducted and non-ducted applications.

TEE & ELBOW FITTINGS

Tee and elbow fittings allow for an easy, space-saving installation by enabling an installer to connect flexible pipe directly into a shear valve riser while also eliminating the need for additional fittings and threaded connections.

REDUCE LEAK PATHS

Reducing threaded connections eliminates potential leak paths inside of the containment space.

MORE SPACE

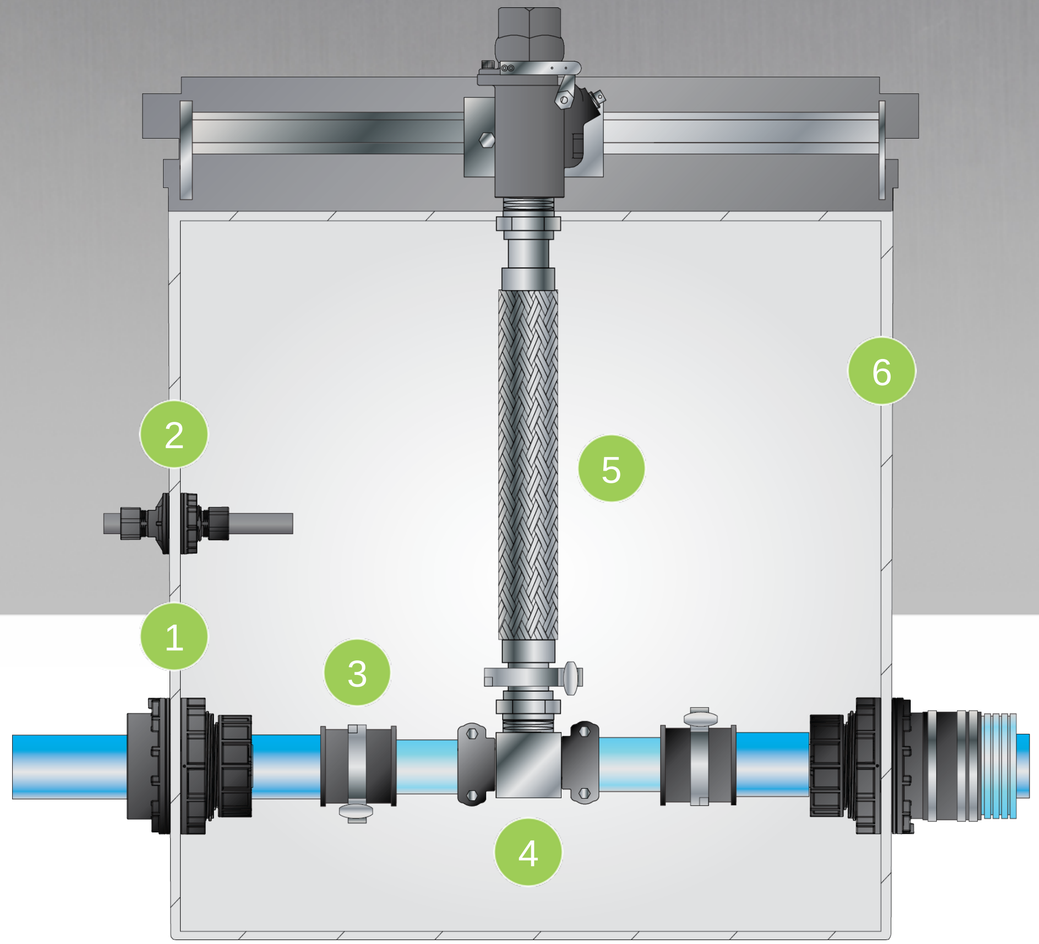
Tee and elbow fittings free up valuable space inside of already tight containment sumps where space is already at a premium.

FUEL COMPATIBILITY

E-coated clamps and stainless steel fittings provide durability and biofuel compatibility.

APT™ FIBERGLASS DISPENSER SUMP SYSTEM

With a high quantity of sump entry points, under dispenser containment sumps present a large opportunity for potential leak paths. Thwart these leak paths with watertight rigid entry boots and keep fuel safely inside the system by reducing threaded connections with tee/elbow fittings and flexible connectors.



1

RIGID ENTRY BOOTS

2

ELECTRICAL CONDUIT RIGID ENTRY BOOTS

3

SPLIT TEST BOOTS

4

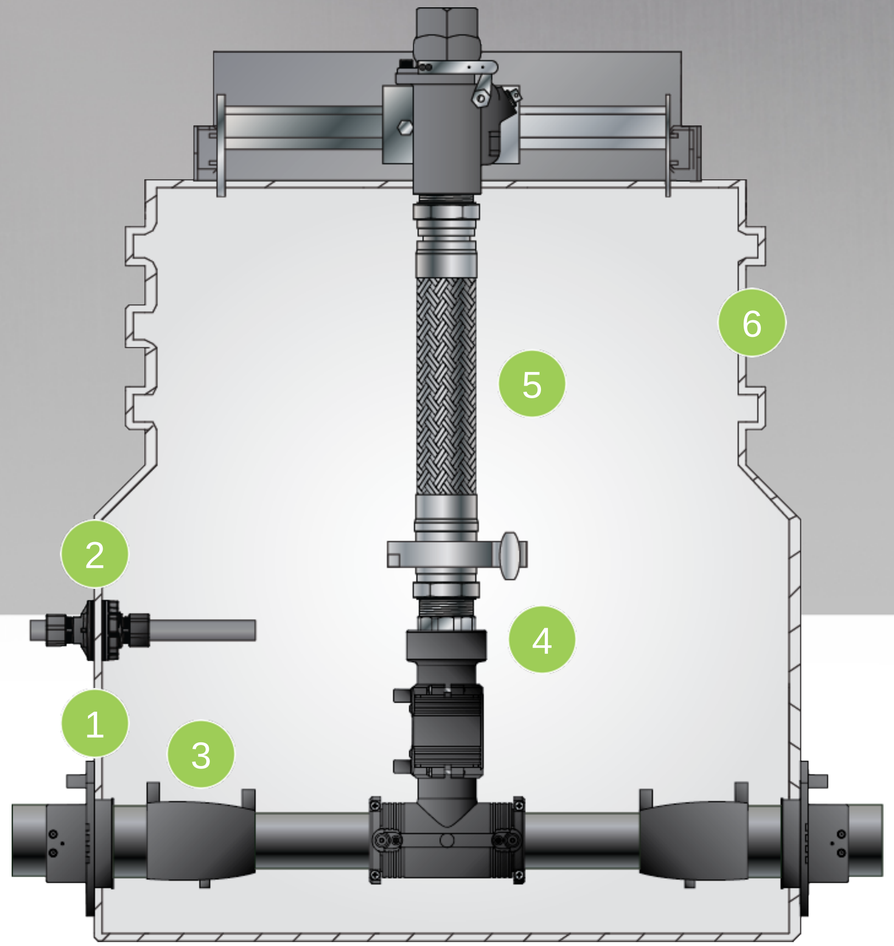
TEE & ELBOW FITTINGS

5

FLEXIBLE CONNECTORS

6

FIBERGLASS DISPENER SUMPS



UPP™ POLYETHYLENE DISPENSER SUMP SYSTEM

The UPP™ brand pipework system utilizes the advanced electrofusion welding process to effectively bond system components including pipework and containment together into one, watertight system.

1

ELECTROFUSION ENTRY BOOTS

2

ELECTRICAL CONDUIT RIGID ENTRY BOOTS

3

REDUCER WITH TEST PORT

4

TEE & ELBOW FITTINGS

5

FLEXIBLE CONNECTORS

6

POLY DISPENSER SUMPS

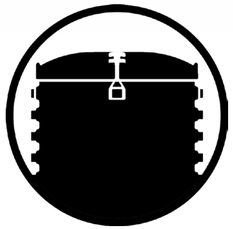
PIPING & CONTAINMENT SYSTEMS

WATER-RESISTANT TANK SUMPS

Franklin Fueling Systems

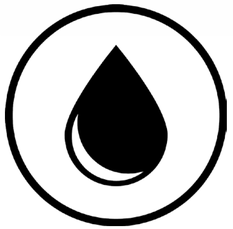
WATER-RESISTANT SUMP LID

The water-resistant design of the gasketed sump lid is critical to keeping liquids out of the sump.



HOLD-DOWN LID

Four integrated hold-down lid toggles provide compression between the lid gasket and the riser, preventing liquid from entering into the sump.

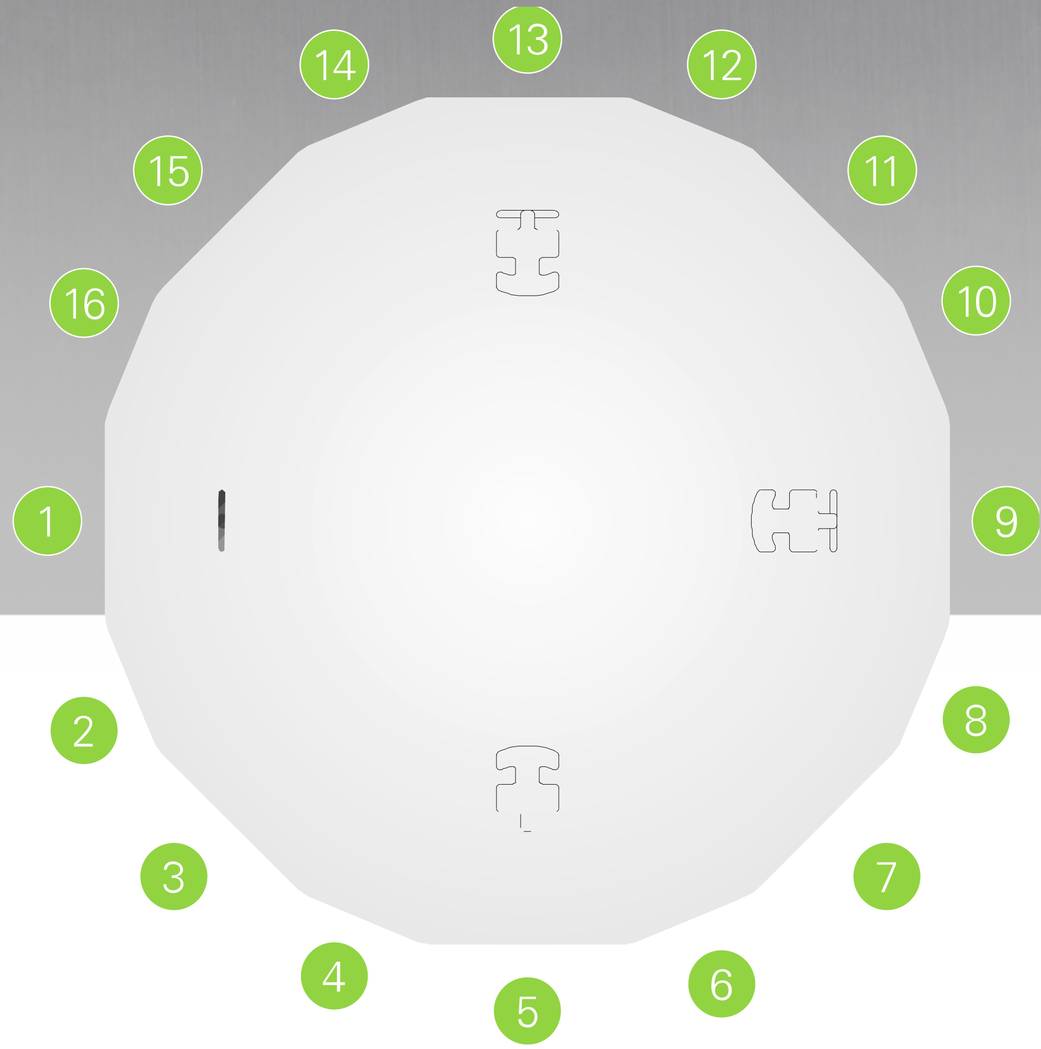


ELIMINATE LEAK POINTS

The lid toggle pegs are molded into the riser and do not penetrate the lid or riser, eliminating these areas as potential leak points.

ENSURE 90° PIPEWORK ENTRY

16 flat surfaces around the sump base provide an ideal entry surface for pipework.



PROPER PIPE ENTRY

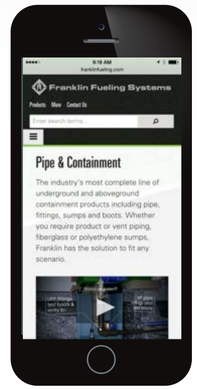
These 16 flat surfaces help to facilitate proper 90° sump entry for pipework from multiple angles.

AVOID PIPE STRESS

Avoid creating stress on the pipe entry which can weaken the system over time.

REMEMBER THIS

- Effective sump entry is crucial to ensuring a true watertight containment system.
- Ensuring a 90° angle for pipework into containment spaces is vital to eliminate leak paths.
- Eliminating additional threaded components or additional threaded connections eliminates potential leak paths.
- Ample working space inside containment spaces will lend to better, more accurate and watertight installations.
- Once in place, testing and continuously monitoring a system is key to ensuring a long service life.



WANT MORE?

Visit **franklinfueling.com/P&C** for more product information and literature downloads.

DEF RECIRCULATION SYSTEM

Diesel exhaust fluid (DEF) will freeze at around ° F (-11° C). No DEF system is complete without a means to prevent this fuel additive from freezing in the lines and costing you loss of potential sales.

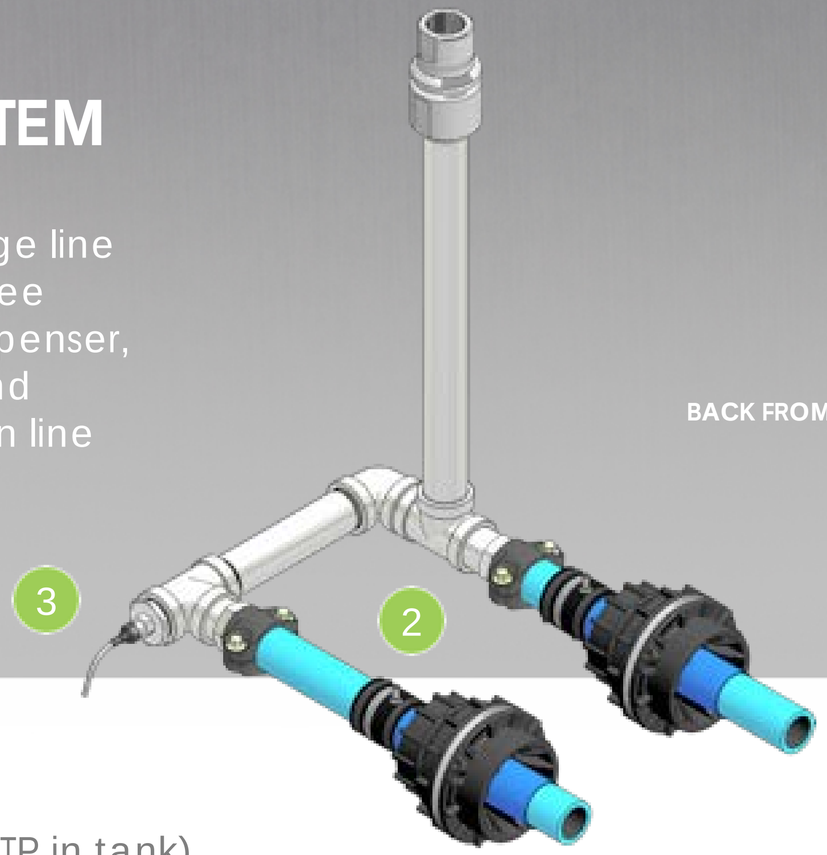
HOW WE DO IT

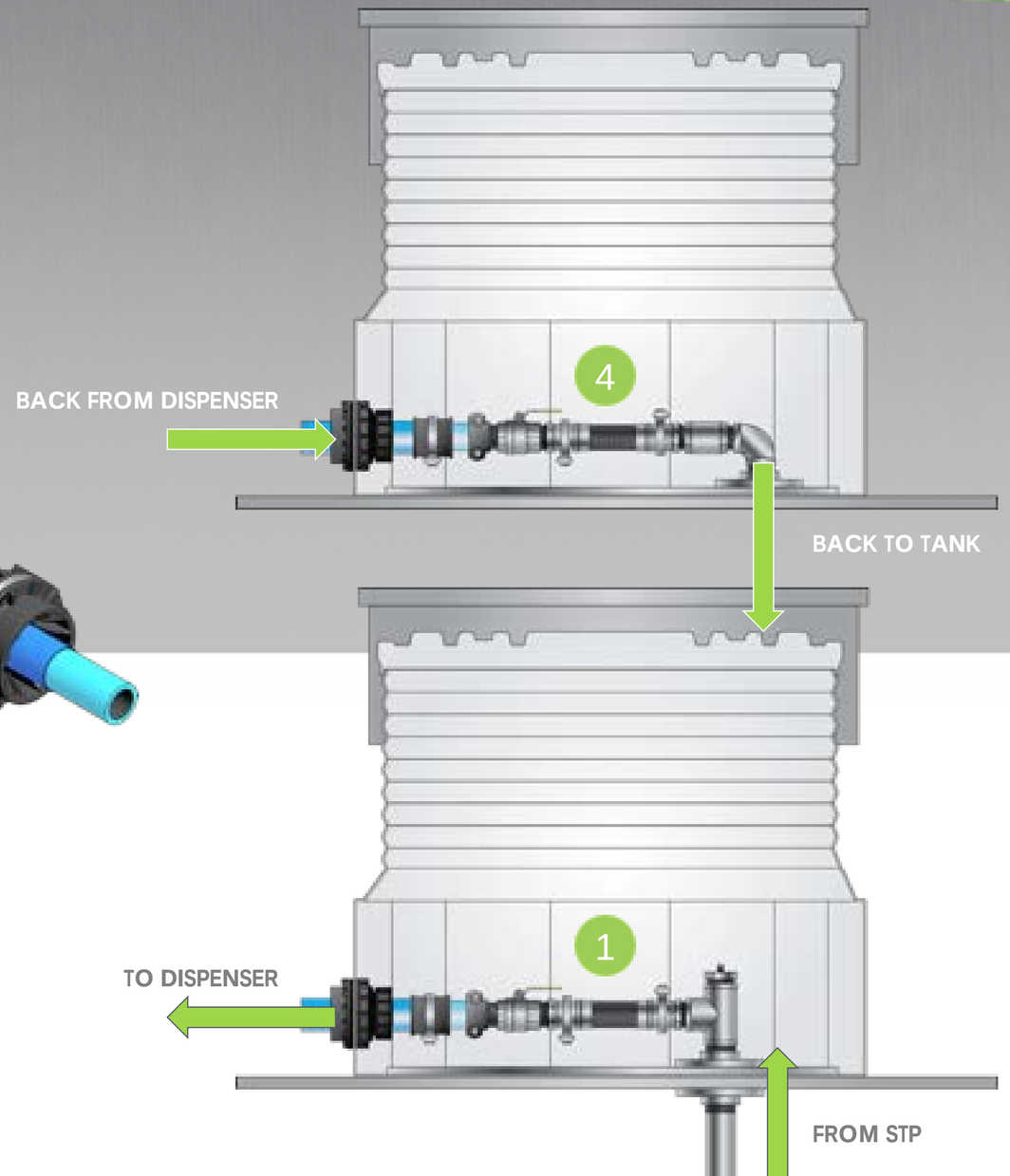
•We network our powerful TS-550 evo™ tank gauge to temperature sensors placed within the product pipelines.

•When temperatures drop, the system triggers the pump to recirculate the fluid – preventing it from freezing in the lines.

DEF RECIRCULATION: THE FLOW OF THE SYSTEM

Product flows up from Submersible Turbine Pump through the discharge line (1), through the dispensers to the tee configuration (2) in the furthest dispenser, past the temperature sensor (3) and back to the tank through the return line (4).



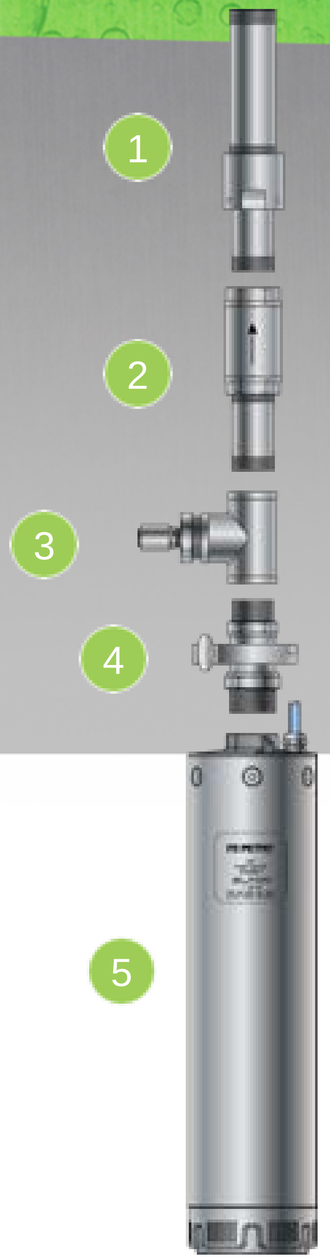


Recirculation system components:

1. Product discharge line (from STP in tank)
2. Dispenser Tee Configuration (farthest dispenser only)
3. Temperature sensor
4. Product return line (back into tank)

DEF VARIABLE LENGTH STP KIT COMPONENTS

Each variable length submersible turbine pump kit comes complete with variable length column pipe kit (VL1 or VL2), check valve kit, bypass kit, EZ FIT pump motor assembly connection kit, and pump motor assembly.



DID YOU KNOW?

Each STP is powered by a Franklin Electric centrifugal motor. As the global leader in submersible motors, Franklin Electric motors are known throughout the world as proven performers with a track record for reliability and dependability.

DEF STP components:

1. Variable length column pipe
2. Check valve kit
3. Bypass kit
4. Pump motor assembly connection kit (quick release)
5. Pump motor assembly

FIXED LENGTH

Individual assembly kits can be ordered for fixed length kit applications as well.


RYOBI

WELDED ASTM A312

DEF HARDWARE

All products are composed of DEF compatible materials including stainless steel and various compatible elastomers.

EASY CONNECTIONS

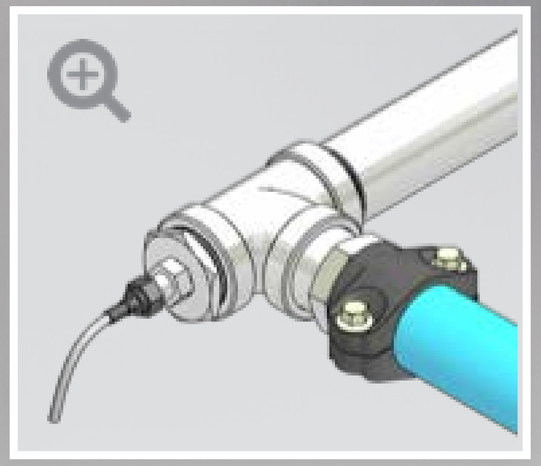
Our DEF flexible connectors allow you to easily connect the pipework system to the STP and make disconnection for maintenance fast and easy.

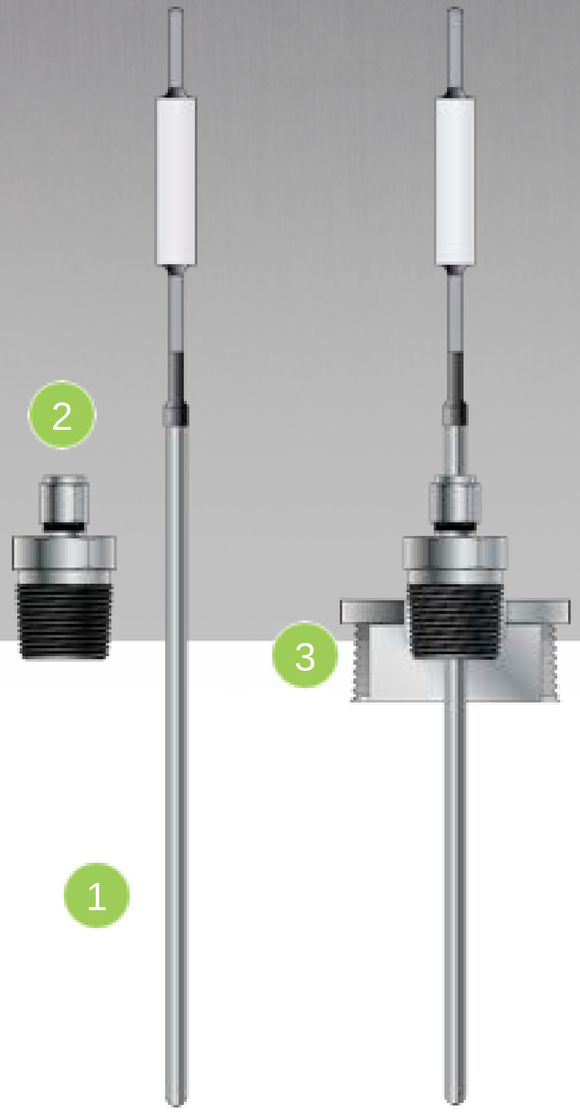
CRASH PROTECTION

Our DEF shear valves shut off the flow of product in the event of a vehicle collision, preventing an uncontrolled release into the environment.

VENTILATION

Just like fuels, DEF needs to be properly ventilated. Our E-coated extractor vent valves serve as a compatible method for ventilation.



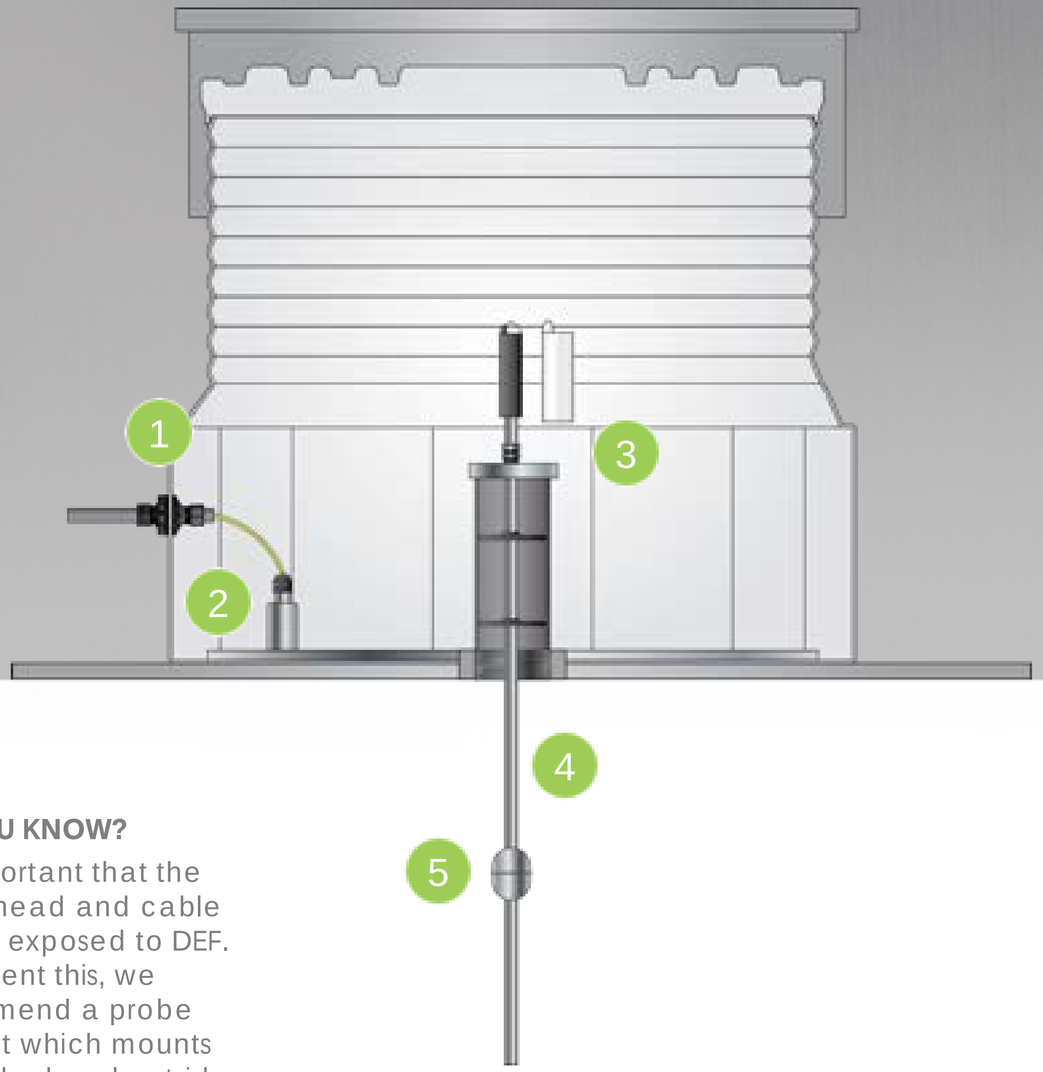


APPLICATION: TEMPERATURE SENSOR

The temperature sensor is installed into the APT™ pipework system using a “tee” pipework configuration. This allows the sensor to come into direct contact with the DEF all times, providing accurate temperature readings.

Temperature sensor components:

1. emperature sensor
2. ” compression fitting (included with sensor)
3. ½" to ½" hex bushing(sold separately)
4. EF tee dispenser sump configuration



DEF PROBES, FLOATS, & SENSORS

Product level management and containment monitoring are easy when you combine our stainless steel probes, floats and sensors with the TS-550 evo™ tank gauge.

DID YOU KNOW?

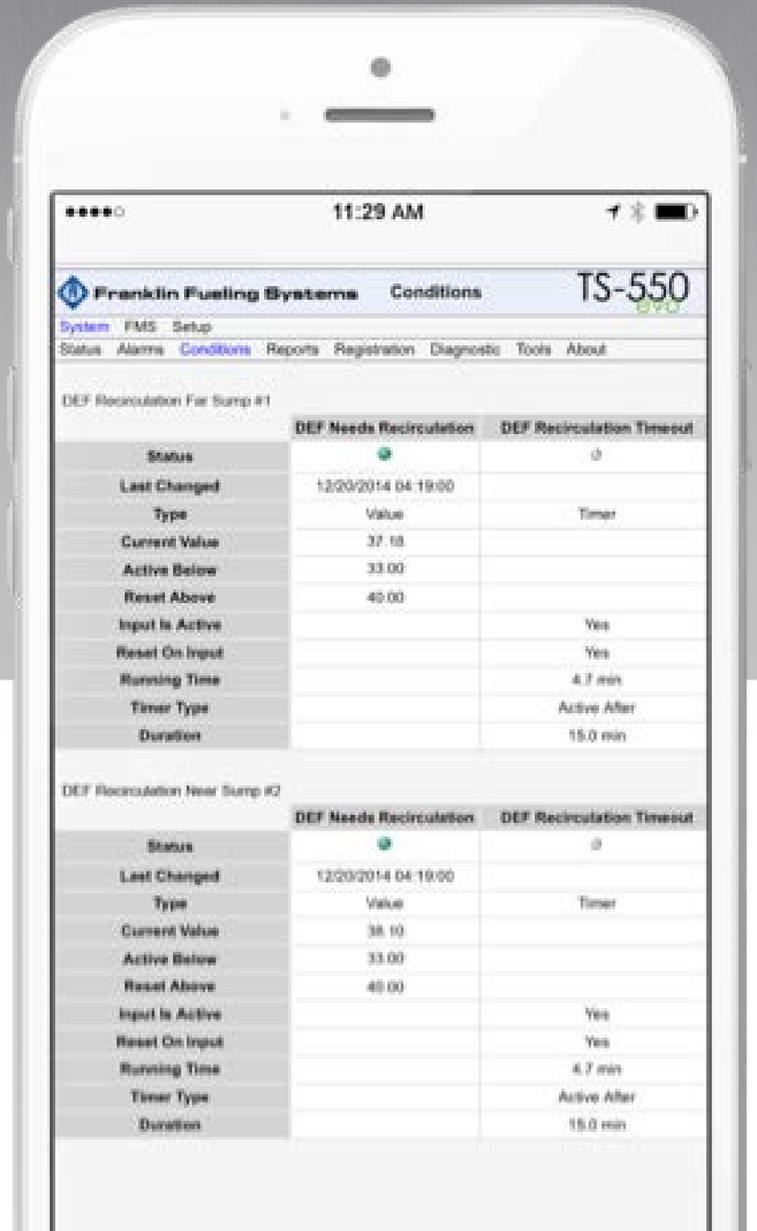
It is important that the probe head and cable are not exposed to DEF. To prevent this, we recommend a probe install kit which mounts the probe head outside of the riser as show here.

Fuel management components:

1. Rigid conduit entry boot
2. Liquid sensor
3. Probe install kit (includes probe head protector)
4. Inventory probe
5. Stainless steel float

DEF RECIRCULATION: TOTAL CONTROL OF YOUR DEF SYSTEM

The DEF recirculation system utilizes the powerful rules engine inside the TS-550 evo™ to give you complete control of how your recirculation system operates



CUSTOM CLIMATE RULES

You have the flexibility of writing your own rules for automated recirculation based on your climate.

THE DATA YOU NEED

The powerful fuel management system provides valuable data including system status, product levels, and usage.

WITH YOU ANYWHERE

Monitor your system remotely on a PC or mobile device as well as receive timely system notifications.

DEF RECIRCULATION: MAXIMUM ENERGY EFFICIENCY

Instead of turning on a heated-pipework system at the beginning of winter and constantly running it, the temperature sensors in the DEF recirculation system will trigger the system to only run when it's absolutely needed.

EFFICIENT OPERATION

With no need to constantly heat the entire system, the DEF recirculation system only consumes energy as needed.

ENERGY SAVINGS

Avoid high energy bills during the colder winter months that can result from heated pipe systems.

SYSTEM AUTOMATION

Even with fluctuating temperatures of spring and fall, the system will know when it's time to run.

DEF RECIRCULATION: FUTURE PROOF YOUR SYSTEM

With regulations constantly changing, our 1½” DEF pipework system is large enough to be used with other fuel types should the need arise in the future.

WANT MORE?

Visit **franklinfueling.com/DEF** for more product information and literature downloads.

READY FOR NEW FUELS

Protect your equipment investment by ensuring it’s usable with other fuel types should the demand for DEF cease.

ADVANCED FEATURES

With a full-feature tank gauge in place, you can take advantage of advanced features like electronic leak detection or containment monitoring

EXPANDABLE

The modular design of the TS-550 evo™ will let you expand the system as needed in the future.

REMEMBER THIS

- Franklin Fueling Systems offers a complete system solution for your DEF needs.
- DEF will freeze 12° F (-11° C). No DEF system is complete without a means to prevent this fuel additive from freezing in the lines and costing you potential sales.
- Our DEF recirculation system prevents your system from freezing up, but also provides you with **energy cost savings** throughout the life of the system as well as **upfront cost savings on equipment**.
- Our STPs are designed specifically or DEF applications and come as complete, easy-to-order kits.
- We offer a one-stop-shop for all hardware, management and hanging harder needs.

WANT MORE?

Visit **franklinfueling.com/DEF** for more product information and literature downloads.

Defender Series™ Spill Containment

Unprecedented protection

Franklin Fueling Systems

Service Station Hardware – Defender/EBW

Franklin Fueling Systems

Spills In, Water Out

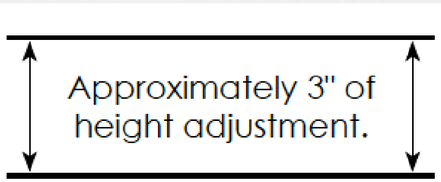
The foremost function of a spill container is to keep spills in and keep water out all while enduring constant attack from weather, forecourt traffic and continuous fuel delivery handling. The rugged concrete ring, sturdy snow plow ring, integrated liquid dam and gasketed lid keep the Defender Series capturing spills and repelling water intrusion for maximum protection of your liquid investment.

On its way to receiving a ULC rating, the Defender Series was put through its paces including total submersion testing, no-cover liquid deflection testing and even 100 passes of a snow plow blade.

Franklin Fueling Systems

Easy Installation and Retrofit

Let's face it; installations don't always go exactly as planned. Installers will love the variable height adjustment feature of the Defender Series, which allows for 3 inches of adjustment in installation height, making it easy to ensure proper grade level installation. This feature also allows for easy replacement of most any other spill container in retrofit applications.



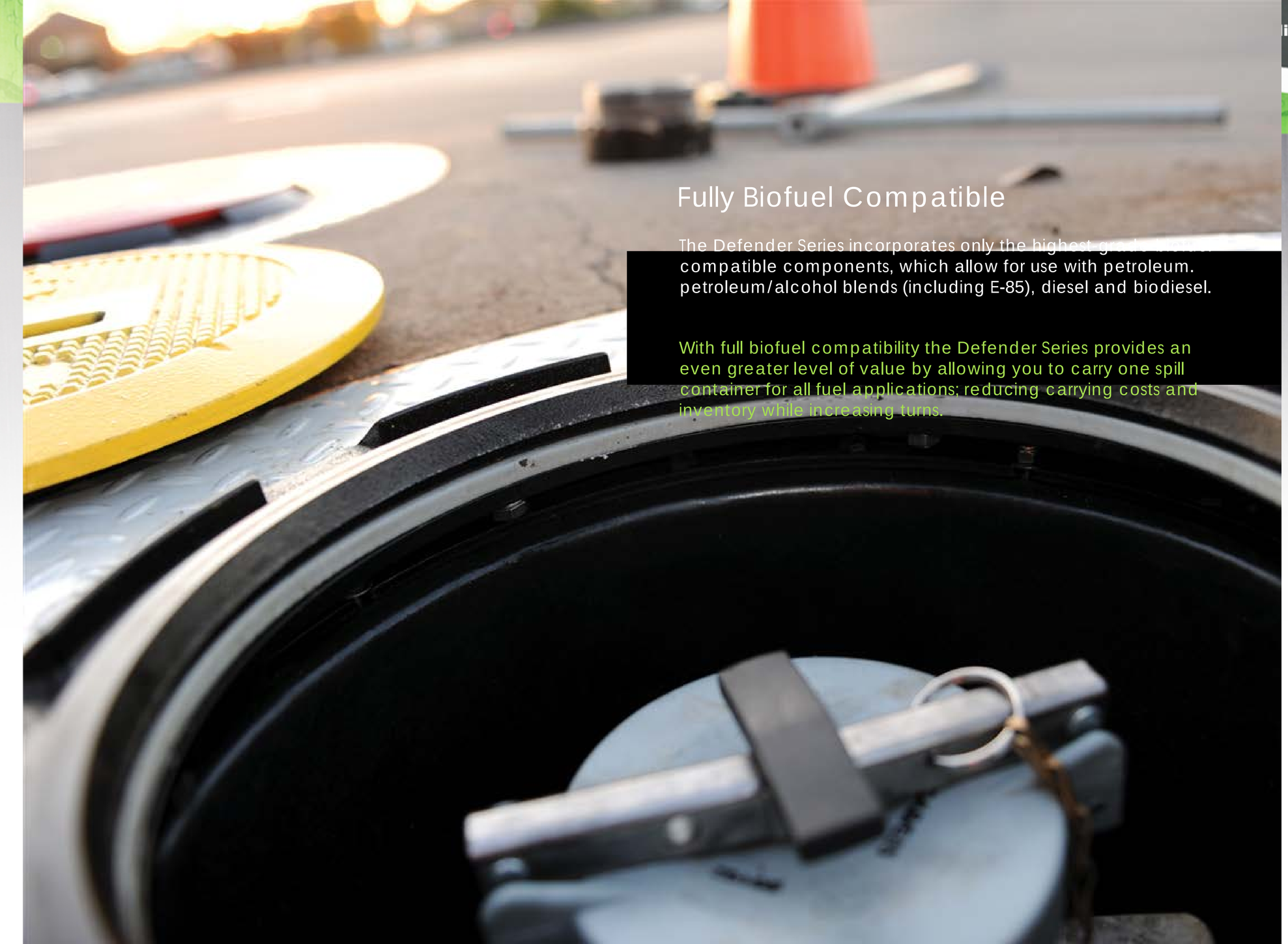
The Defender Series is available in three different thread configurations at the riser to spill container connection (NPSM, NPT, and BSPT) providing a global solution fro varying installation requirements

Franklin Fueling Systems

Simple Maintenance

Maintenance with the Defender Series is a breeze. With the direct bury models, you can easily replace interior containment without having to break concrete.

A feature truly unique to the Defender Series, the plow ring bolts are completely protected - located inside of the container shielding them from the potential wear and tear of the forecourt environment.



Fully Biofuel Compatible

The Defender Series incorporates only the highest grade [illegible] compatible components, which allow for use with petroleum. petroleum/alcohol blends (including E-85), diesel and biodiesel.

With full biofuel compatibility the Defender Series provides an even greater level of value by allowing you to carry one spill container for all fuel applications; reducing carrying costs and inventory while increasing turns.

- Single or Double-Wall:
  - Field replaceable without breaking concrete
  - Variable height provides flexibility for shallow or deep applications
  - Single-wall models can be upgraded to double-wall as regulations evolve
  - Interstitial space can be monitored mechanically or by electronic sensor

- Interstitial Monitoring:
  - Electronic:
    - TSP-ULS liquid sensor can be paired with a fuel management system for immediate notification
  - Mechanical:
    - The Inte) Monito inspectio

Electronic

Mechanical

Franklin Fueling Systems

TESTING:

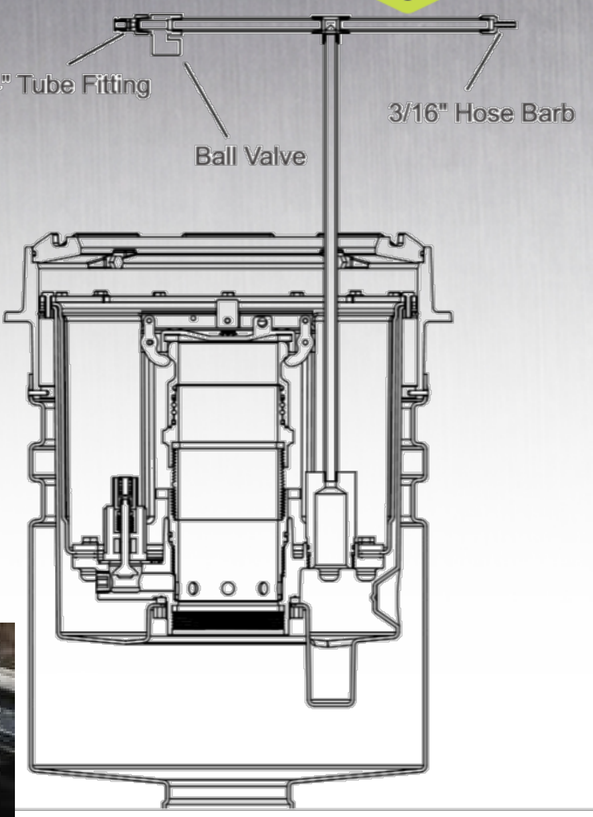
Defender Series™ Spill Containers

Testing: Defender Series™ Spill Containers

- Hydrostatic Testing (All Models):
  - Fill spill container with water until the level is just below the snowplow ring
  - Mark water level
  - Wait one hour to see if level drops
  - If level drops, test fails

Testing: Defender Series™ Spill Containers

- Vacuum Interstitial Testing (Double Wall Models):
  - Remove inspection port pipe from spill container
  - Install T-7107 test kit into inspection port
  - Connect vacuum source and manometer
  - Apply vacuum until 30in W.C or 7.5 kPa achi
  - Allow one minute to stabilize interstitial spa
  - Reapply vacuum if necessary



SERVICE STATION HARDWARE

DEFENDER SERIES™ OVERFILL PREVENTION VALVE

Franklin Fueling Systems

INSTALLATION STEPS

No more flaring, drilling, riveting, or epoxy.

1. CUT PRE-FLARED DROP TUBES TO LENGTH

2. INSERT & ROLL-CRIMP TOP FITTING

3. THREAD DROP TUBES TO TOP & BOTTOM

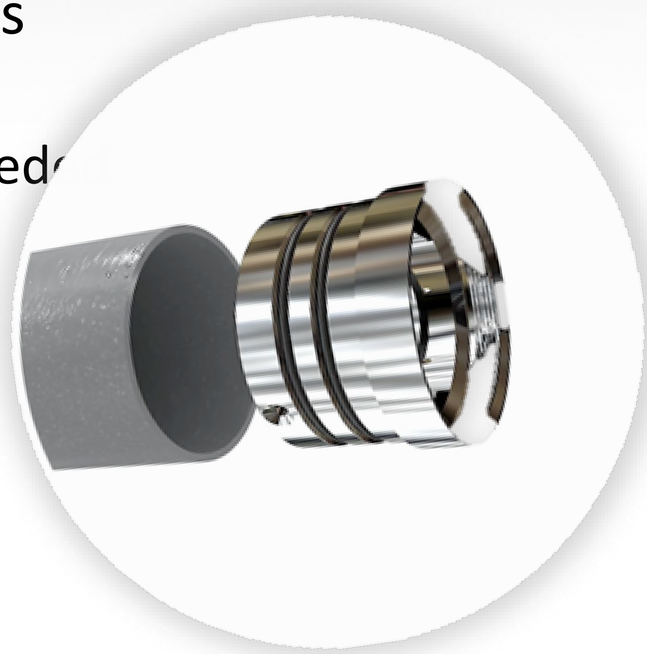
4. INSERT DROP TUBE INTO SPILL CONTAINER

WANT MORE?

Visit **franklinfueling.com/OPVINSTALL** to download the full installation, operation, and maintenance manual.

- Defender Series™ Overfill Prevention Va
  - Magnetically-coupled actuator
    - Zero-body penetrations
    - Valve itself cannot leak
    - Factory tested
    - Compliance ready

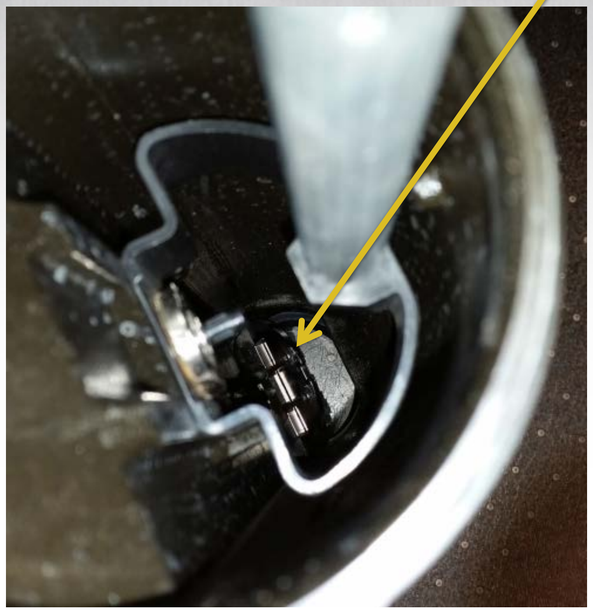
- Defender Series™ Overfill Prevention Valve:
  - Thread on upper adapter
    - Dual gasketed: no epoxy or rivets needed
  - Dual crimp grooves
    - No flaring tool need



- Operational Testing Procedure:

Assemble remote test tool with enough extensions to reach OPV

Insert remote test tool. You should feel a “pull” when the magnets are positioned correctly



Raise the tool 1 ½” (38mm) and you should see the flapper move into the flow path

REMOTE TESTING

The magnetically-coupled actuator system along with the testing tool allows for primary functionality testing of the OPV without having to remove the entire assembly from the riser.

VISUAL TESTING

The remote testing tool will actuate the flapper when inserted down the drop tube and slid by the actuator - this is confirmed visually through a window in the tool.

CUSTOM TESTING TOOL

To accommodate varying tank sizes, the testing tool handle is segmented into six sections for customization up to 11 feet (3.35 meters) in length.

FAST INSPECTION

Fast visual inspection can be conducted by a single person in minutes without having to remove the complete drop tube and OPV assembly.

REMEMBER THIS

- The innovative magnetically-coupled actuator provides positive shutoff with zero leak points.
- Simplified installation eliminates flaring, drilling, riveting, and epoxy for fast installation.
- Reliable shutoff for both high flow or low flow fuel drops from 25 to 370 gpm (95 to 1,400 lpm).
- Primary functionality testing capability without having to remove the assembly from the riser.
- For use in all markets, fuel types and applications with simplified model offering.

WANT MORE?

Visit **franklinfueling.com/OPV** for more product information and literature downloads.

Flexing Hardwall Hose

FLEX-ING™

NEW Crimping Equipment

Modernized tooling

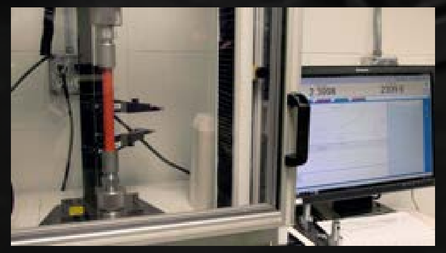
Improved performance

Precise assembly

FLEX-ING

CONVENTIONAL HARDWALL HOSES

PRESSURE TEST



PULL TEST

SWIVEL TEST

CONTINUITY TEST

TEST, TEST, & TEST AGAIN

The new fitting design exceeds UL pull testing requirements of 400 lbs by more than double. Our fittings consistently withstand **over 1,000 lbs of pull force** in lab testing. The swivels also successfully withstood **over 100,000 rotations** in testing to simulate excessive wear.

Additionally, we **pressure test** and **continuity test** every hose before it leaves the factory to give you complete confidence that our hoses will perform in the field.

NEW Date Coding

Now laser-etched into SSTL ferrule instead of stamped into nut.

Improves and protects identification marking.

Beginning Q1 2016

FLEX-ING

CONVENTIONAL HARDWALL HOSES

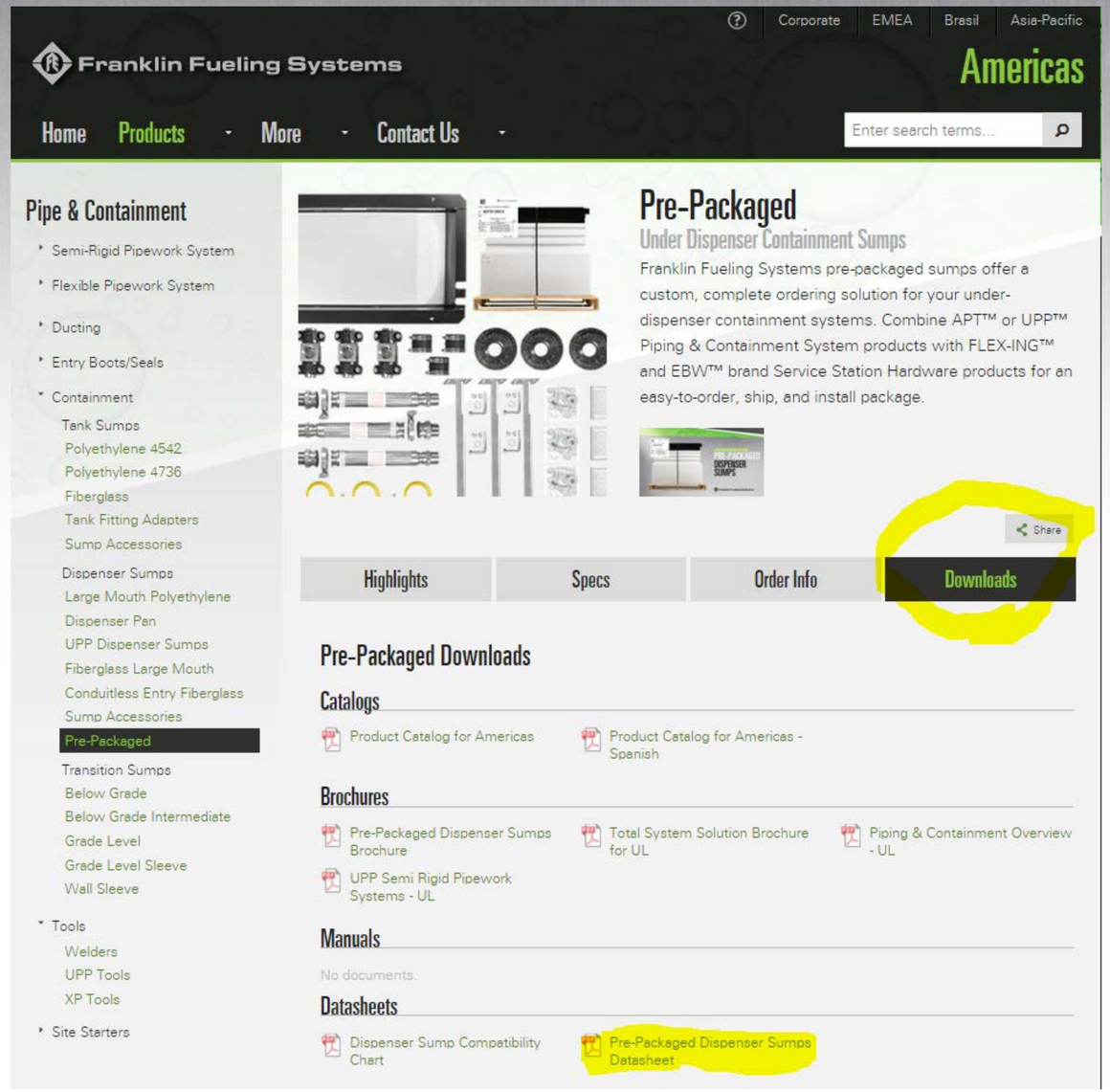
Online Resource Tour

Datasheets: Download PDF datasheets 24/7 from our public domain website www.franklinfueling.com

Choose the product line, then drill down the left margin navigation menu to the item you're after.

Once on the individual product page, click the Downloads tab on the right side of the page

Scroll down to the Datasheets heading and click the one you want.



- FE Petro
- INCON
- EBW
- APT
- DEF
- Flexing

Submersible Pumping Systems
Fuel Management Systems
Service Station Hardware
Piping and Containment
Recirculation System
Dispensing Systems

SERVICE STAION HARDWARE

- Shear valves
- Spill containers
- Manholes
- Flexible connectors
- Overfill prevention valves

FUEL MANAGEMENT SYSTEM

- Thank gauges
- Probes
- Float kits
- Float kits
- External alarms

SUBMERSIBLE PUMPING SYSTEMS

- Submersible pumps
- Mechanical leak detectors
- Controllers

PIPING & CONTAINMENT

- XP or UPP pipework
- Dispenser sumps
- Tank sumps

DISPENSING SYSTEMS (OPTIONAL)

- Hoses
- Hanging hardware
- Vapor recovery systems

Thank You
State of Montana!

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Franklin Fueling Systems