



count on our products

trust in our people



# Highland Tank





# strong tanks. stronger people.

Highland Tank has a simple mission: *Engineer and manufacture innovative, high-quality products while maintaining excellent customer service and relationships founded on integrity.*

We meet our partners' needs by relying on proven manufacturing processes while offering engineering innovation and sustainability unlike anyone else in the tank industry. The technology and engineering invested in our products are unparalleled, so we stand behind each tank with full confidence.

The exceptional quality of our tanks starts with the pride each of us takes in our craftsmanship, expertise, and service. We take seriously our commitments to our partners because we know that you can't trust our tanks until you trust our people. Our team of professionals is dedicated to designing and delivering a custom solution backed by a partner you can trust.



**Highland Tank®**

# manufacturing + industrial



petroleum storage   water processing   water storage   fire protection



Manufacturing and industrial facilities have used our tanks for a range of applications to improve **efficiency, simplify operations, and maintain compliance** with environmental regulations. Our partners have drastically **cut costs** by implementing water storage options to eliminate city water use from their operations, or using our **High-LINK®** systems for 24-hour vehicle and equipment monitoring to prevent theft and provide preventative maintenance. We understand that the needs of our manufacturing partners are varied, which is why storage is just the beginning of what we offer.



The High-LINK® Integrated Systems couples Highland Tank's superior steel tank products with state-of-the-art electronic management devices and proprietary software to provide real-time data to decision-makers. With our High-LINK® applications you will have the power to optimize the usage and transfer of all your liquid operations.

## PRODUCT OFFERINGS

**Oil/water separators** receive oily wastewater generated during processes at industrial sites.

**Oil/sand interceptors** are used in facilities like car washes, commercial vehicle garages, repair facilities, service stations, and similar sites where oil or flammable liquid may be introduced into the sewer system.

Highland Tank **LPG vessels** provide fuel for a wide range of industrial, commercial, and agricultural equipment.

**Skid tanks** are one of the most versatile solutions for aboveground storage needs, and relocation is fast and easy.

Highland Tank's **HighDRO® water storage tanks** dependably store water for manufacturing, commercial, industrial, and institutional installations.

**Lube tanks** provide safe and reliable storage for all types of motor oils.



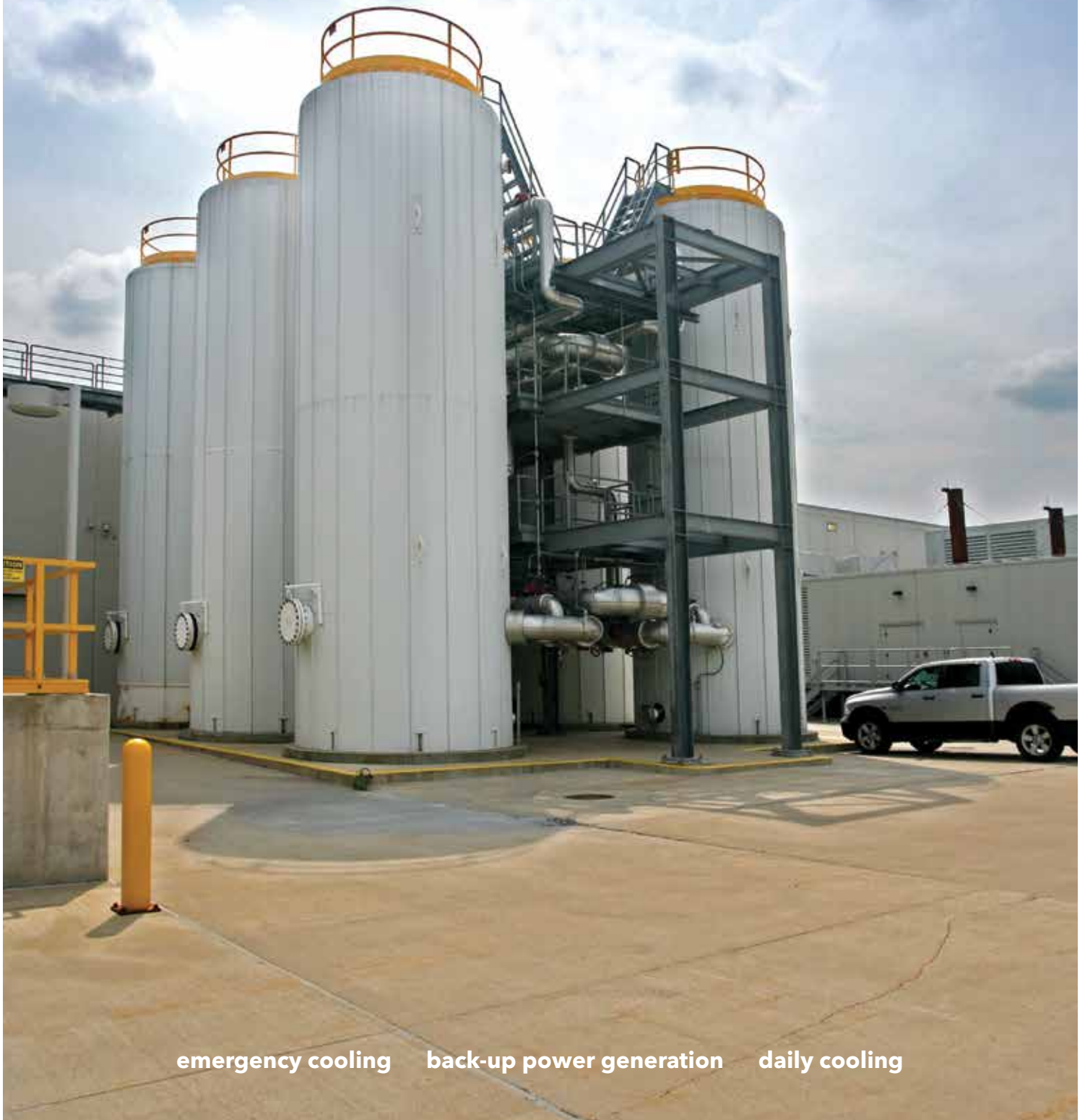




An aerial photograph of a busy port. A large red cargo ship is docked at a pier on the right. The pier is filled with numerous colorful shipping containers in shades of blue, red, yellow, and white. Several cranes are visible along the pier, and a small tugboat is nearby. To the left of the pier, there are industrial buildings, storage tanks, and more containers. The dark blue water of the harbor is on the right side of the image.

wide range of  
applications.

# 7 data centers + communication



**emergency cooling**

**back-up power generation**

**daily cooling**





Power failure at data centers or communication facilities means significant disruption of business operations and potential catastrophic loss. Highland Tank's products provide dependable everyday and **emergency cooling**, as well as supporting backup power systems to keep critical computer and communication **equipment up and running** when problems arise. The result is **security, peace of mind, and cost savings** for our data and communications partners in the event of a disruption in power.



## ENVIRONMENTAL BENEFITS

**Thermal Energy Storage (TES)** tanks reduce source energy usage and improve energy supply efficiency.

Our **TES** tanks are made from protected steel, non-corrosive PVC diffusers, and minimal, if any, VOC coatings, increasing lifespan and minimizing environmental impact.

A **Fireguard®** tank uses a suction system with top-fill supply and return lines ideal for emergency diesel-electric generators at first responder or mission critical facilities.



steel advantage





# strong from the start

Highland Tank chooses to fabricate its tanks from steel because of its strength, reliability, and sustainability. We select steel according to our own strict guidelines and rigid ASTM specifications so that the tanks we deliver to our partners start with the strongest foundation possible. Steel also gives us the manufacturing flexibility to build customized solutions, and its product compatibility allows for a broader range of storage applications and greater durability. Finally, as the most commonly recycled durable material, steel helps us maintain our commitment to environmental sustainability and helps our partners' projects achieve LEED certification.



# environment

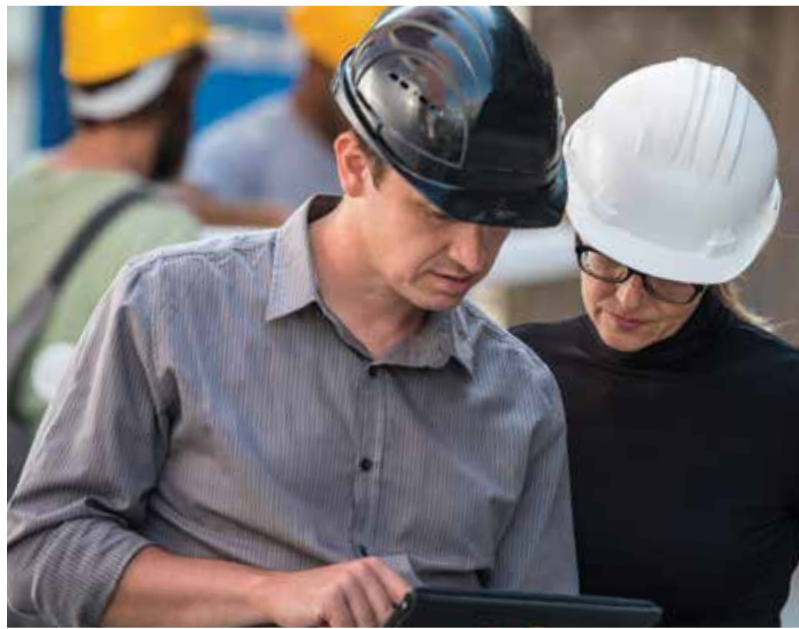


wastewater processing   greywater recycling   rainwater harvesting   stormwater detention





Highland Tank is committed to developing products and systems that are **efficient, sustainable, and minimize impact** on the environment. Our products are an integral part of our partners' "green" commitments, helping many achieve **LEED certification**.



## PRODUCT OFFERINGS

**Oil/Water Separators (OWS)** are available in a variety of configurations and offer a number of design options to meet your needs and SPCC regulations.

**Oil/Sand Interceptors (OSI)** offer long retention times with multi-basin units for primary water treatment.

**HighDRO® Wastewater Storage Tanks** come in single-wall and double-wall designs to securely store waste liquids prior to proper disposal.

**HighDRO® SDRT Tanks** help control flooding with safe and effective stormwater detention or retention.

**HighDRO-Pure® Rainwater Harvesting Systems** produce a sustainable and reliable water source that reuses stormwater runoff.

**HighDRO® Rainwater Collection Tanks** are dependable storage for rainwater harvesting and greywater recycling systems.

**HighDRO-Clear® Greywater Recycling Systems** efficiently treat greywater to extend its use to multiple applications.

**HighDRO® Decontamination Tanks** provide "tight" storage of wastewater generated by decontamination activities in the most sensitive facilities.

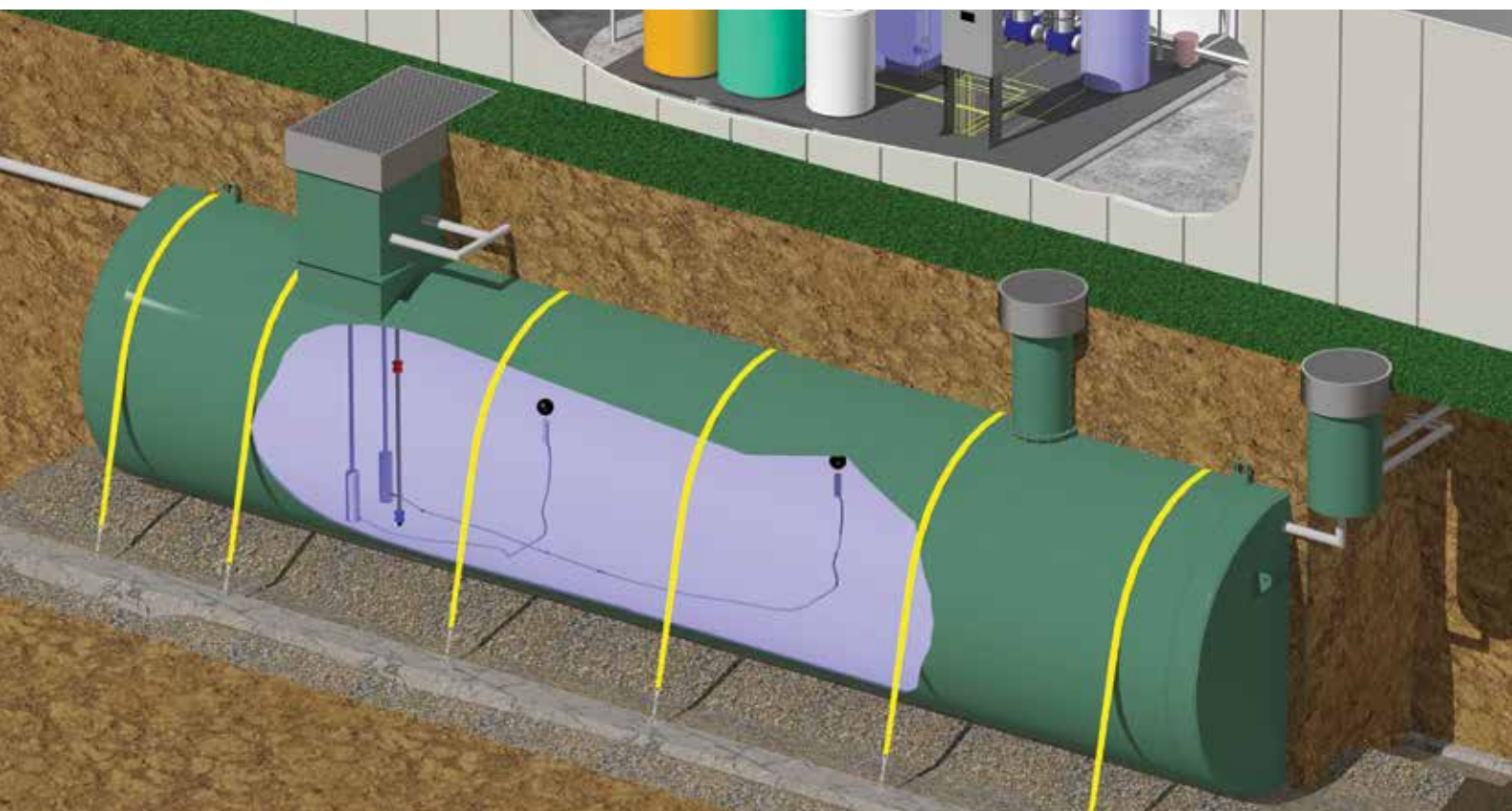


## CASE STUDY

# environment canada:

Highland Tank consistently meets the needs of our partners while complying with relevant environmental codes. When asked to upgrade the stormwater collection system at a metal manufacturing facility in Quebec, we delivered five custom-designed oil/water separators within a condensed, one-year timeline. Our engineering team customized Model HTC separators to comply with Canadian Environmental Protection Act effluent discharge regulations, and our delivery crew satisfied specific installation requirements by delivering all five tanks over the course of 30 days. In the end, our partner received an exceptional, environmentally sound product tailored to their needs with outstanding service by our team of experts.





# transportation

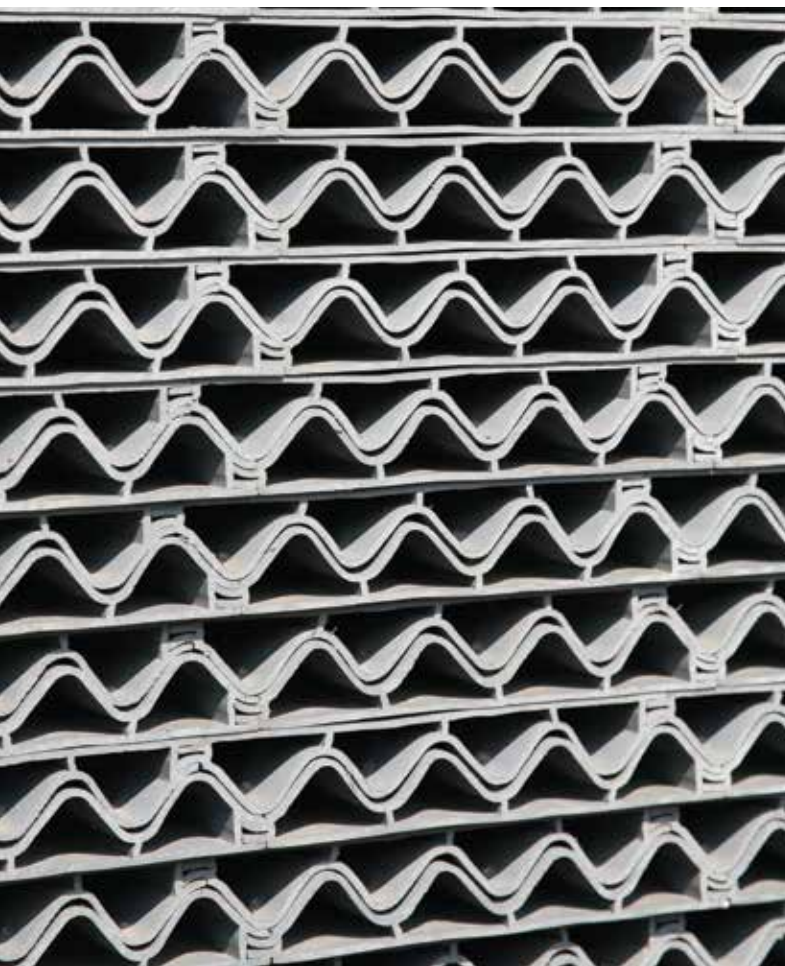


mass transit terminals   rail yards   trucking fleets   airports   service stations  
convenience stores   vehicle wash sites   maintenance shops





Transportation facilities across the country count on **underground tanks** for vital fuel and chemical storage. Highland Tank offers an array of storage vessels to the transportation industry, as well as processing systems that keep businesses **running smoothly** and **protect the environment**. Many of our partners in the transportation sector also benefit from our **High-LINK® Integrated Systems**, which can be installed on any tank to help manage assets, perform preventive maintenance, and save costs.



## PRODUCT OFFERINGS

**HighGuard and TITAN®** tanks feature cutting-edge innovations for secure storage of fuel, lubricants, motor oils, antifreeze, and solvents.

**Oil/Water Separators (OWS)** treat wastewater prior to storm sewer discharge for a consistent effluent quality down to 10 ppm.

**Oil/Sand Interceptors (OSI)** are available with up to four basins for effective wastewater processing at even the dirtiest operations.

**Liquefied Petroleum Gas (LPG) or Autogas** tanks are ideal for propane storage to power service vehicles and yard fleets.

Pumps, monitoring equipment, and our state-of-the-art **High-LINK® Integrated Systems** provide intelligent, accurate fuel system management.

◀ Patented **Corella®** technology



## CASE STUDY

# columbus energies:

Columbus Energies provides an array of energy services to its customers, including state-of-the-art propane Autogas. Used as an alternative to traditional fossil fuels in transportation, Autogas offers reduced emissions and maintenance, lower costs, quieter vehicles, and easier cold winter starts. Highland Tank was proud to partner with Columbus Energies by installing several full-service Autogas systems with tanks, management systems, piping, pumping, and controls. Columbus received the full complement of our services from design to installation, giving them the technology they need to reliably serve their customers with minimal down time.









engineering + technology





# defining the edge

As the demands of storage tanks change and grow, Highland Tank strives to exceed those demands with unparalleled engineering and technology. To maintain our high quality standards, each tank we make undergoes rigorous quality assurance inspections and factory testing before delivery. However, quality is only part of our value; our commitment to engineering unique innovations is also integral to who we are. Our new High-LINK™ Integrated Systems are just one example of how Highland Tank is constantly defining the edge in tank technology, giving users unprecedented monitoring and management power by delivering real-time data with our proprietary software. With Highland Tank, our partners rest easy knowing that they have a quality product custom engineered to meet their needs.

government / military / municipal

**water reuse   LPG storage   water treatment   oil storage   emergency fuel storage**





Highland Tank offers a full complement of **American-made steel** tanks to fulfill the diverse requirements of government, military, and municipal projects. We have a **long history** of working in confidence with public sector partners throughout the design and installation process to tailor our products to their specifications. Our products provide the **secure storage, efficiency, and environmental protection** needed at government sites across the country, and our team values our role as a trusted partner.



## PRODUCT OFFERINGS

We offer a variety of **Liquefied Petroleum Gas (LPG)** tanks in multiple configurations to accommodate different applications and installation scenarios.

Our **oil storage tanks** can comply with UL or API standards to ensure safe storage.

**Fireguard®** tanks are UL-2085 labeled having passed ballistics, impact, two-hour pool fire, and hose-stream tests.

**Oil/Water Separators** are reliable treatment solutions at aircraft hangars, runways, vehicle fleets, and maintenance sites and meet or surpass federal, state, and local hydrocarbon discharge requirements.





safe storage.



oil + gas



**wells   pipelines   pumping stations   compressor stations**  
**processing plants   storage facilities   transmission**





Highland Tank has provided the **highest quality process and storage vessels for all phases of oil and gas production** since our founding. For decades, our **ASME pressure vessels** and steel storage tanks have been **providing dependable service** in the oil and gas drilling, extraction, transportation, and refining processes. Our ability to **custom engineer, fabricate, and deliver** aboveground and underground tank solutions is unmatched in the industry.



## PRODUCT OFFERINGS

Our products are tailored to your needs. Contact Highland Tank if you have a need for oil and gas industry specific

tanks such as bullet tanks, barrel tanks, slug catchers, knockout drums, surge tanks and vessels, condensate stabilizers, depropanizer storage drums, drain tanks, wash tanks, air receivers and more. Our engineering team is always available to assist with these projects.

Our **LPG vessels** are engineered for all types of compressed gas processing and storage.

**Corella® equipped oil/water separators** enhance wastewater and stormwater treatment.

Our **versatile barrel tanks** are portable and can be used in the vertical or horizontal arrangement to accommodate space constraints.

With options like monitoring systems, secondary containment, nozzle fittings, clean-out manways, flame arrestors, and gauging systems along with our standard full-fillet lap welds, factory air tests, and durable linings and coatings, we can deliver solutions for your gas stream process needs.

# customization is standard

Highland Tank believes firmly that because each application is unique, each tank should be made-to-order. Our tanks are made to comply with UL, NFPA, API, AWWA, OSHA, and SWRI standards, but each individual tank is a custom solution. Our engineers have years of experience working directly with our partners to select steel grade, coatings, and features to meet their unique specifications and demands. At Highland Tank, customization is our standard.

## MAXIMUM PHYSICAL FABRICATION SIZE

**70K**  
GALLONS

HORIZONTAL TANKS

**57.5K**  
GALLONS

VERTICAL TANKS

**60K**  
GALLONS

ASME PRESSURE VESSELS

MAXIMUM: DIAMETER - 14 FT    LENGTH - 90 FT

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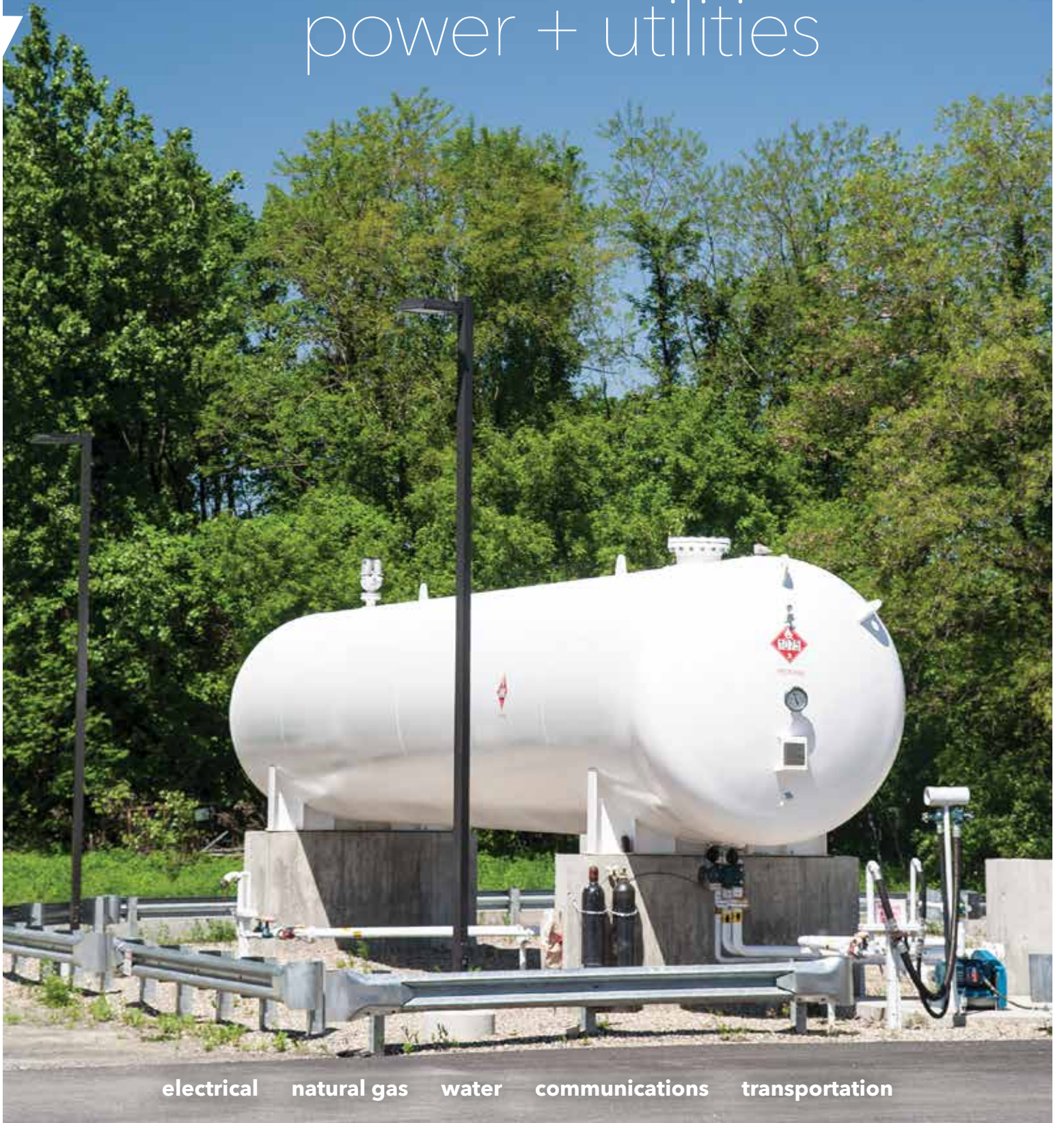


A full-page photograph of a large industrial manufacturing facility. In the foreground, a worker wearing a blue hard hat and a dark blue uniform is seen from the side, looking upwards and holding a tool. He is positioned next to a massive, dark, curved metal component, possibly a part of a large vessel or turbine. To the left, another large, shiny, metallic cylindrical object is visible. The background shows a high ceiling with several industrial lights and a large window letting in natural light. The overall scene conveys a sense of scale and industrial precision.

special fabrication



# power + utilities



electrical   natural gas   water   communications   transportation





**Working hand-in-hand** with utilities providers, Highland Tank engineers, fabricates, and delivers tanks and process vessels to satisfy a wide array of requirements. While the public relies on them our utilities partners rely on us to provide unique answers to their problems. We do so with **dedicated, attentive service** and **custom engineering** to keep our partners up and running.



## PRODUCT OFFERINGS

**Aboveground storage** tanks fuel the power industry and other service providers alike.

**Oil/water separators** remove free-floating oil and oil-coated solids from waste streams at power facilities.

**HighDRO®** water storage tanks reliably store water and wastewater with volumes ranging from 300 to 70,000 gallons.

Our **Liquefied Petroleum Gas (LPG)** vessels are unmatched in their durability and safety, bolstered by our steel and innovative engineering features.



# petroleum marketing

motor fuels   biofuels   heating oil   lubricants   asphalt + emulsions





The **petroleum market** covers a wide range of commercial businesses with diverse needs, and Highland Tank has an equally diverse offering of safe tank options that we have placed in businesses across the industry. Our engineering staff regularly customizes solutions for **gasoline stations, convenience stores, heating oil suppliers, truck stops, lubricant warehouses, trucking companies, and bulk storage facilities.**



## PRODUCT OFFERINGS

**Fireguard®** tanks are thermally protected by a double-wall to safely store flammable and combustible liquids aboveground.

**HighGuard** complements the integrity of steel with a UL-1476 compliant, 75 mil polyurethane coating ideal for underground fuel storage.

**TITAN®** offers virtually damage-proof double-wall containment often used for underground storage by convenience stores.

**HotShot** is a heated storage solution perfect for Residual Fuel Oils (RFOs) that require pre-heating to flow.



## CASE STUDY

# newport biodiesel:

Newport Biodiesel powers a greener planet by producing clean-burning biodiesel fuel that can be used in diesel engines or home heating furnaces without modification. To meet their storage needs, our engineers supplied six identical 30,000-gallon vertical tanks to store biodiesel, glycerin, and used cooking oil. We are proud that our tanks provide vital support to Newport Biodiesel's environmentally responsible mission of collecting food production grease and converting it to an alternative fuel for use in homes and businesses around New England. As we did for Newport Biodiesel, Highland Tank can deliver a customized aboveground tank solution to provide sensible and safe storage for a variety of petroleum products and chemicals.



quality  
craftsmanship





# hold the lining

Coatings and linings add to a tank's functionality to meet specific site conditions and service requirements. Highland Tank controls the full coating process, from preparation to application, with our in-house, temperature-controlled grit blast cleaning, finishing, and curing facilities. Our expert personnel, working to stringent internal guidelines and Steel Tank Institute specifications, apply high-performance formulations, including epoxies and high-build polyurethanes. The result is complete internal and external corrosion protection and a more durable tank.





performance coatings

commercial + institutional

**schools   prisons   hospitals   malls   stadiums   warehouses   offices**





Highland Tank's products help commercial and institutional facilities serve their communities and streamline operations while earning **LEED certification**. We take great pride in our products and know that their most important feature is their **security**. From apartment fire protection tanks to parking deck oil/water separators, Highland Tank **products help keep people, businesses, and the environment protected.**



## PRODUCT OFFERINGS

**Aboveground and underground tanks** provide flexible installation options for heating fuel.

**Our pressure vessels** are all ASME-compliant for dependable storage of hot and cold water.

**Elevator Sump Pump Interceptors** feature a heavy-duty polyurethane lining to stand up to corrosion when storing excess hydraulic oil.

**Fire protection pressure vessels** and water storage tanks provide a dedicated water supply to protect commercial developments.

**Oil/water separators** are an excellent solution for stormwater and wastewater treatment from parking lots and service areas.

We offer a variety of **grease interceptors** for efficient sewage pretreatment at cafeterias, restaurants, and entertainment centers.

**Our fuel storage tanks** feature engineering innovations specifically designed for back-up power generation at mission-critical facilities.

**High-LINK™ Integrated Systems** provide comprehensive electronic monitoring and management through proprietary software.







customized  
solutions.

# plumbing

food processing restaurants casinos stadiums cafeterias





Highland Tank proudly manufactures the most extensive line of grease interceptors in the industry. We offer **automatic, gravity, flush-with-floor, and manual** grease interceptors to trap grease and solids before they enter a wastewater disposal system to help prevent sanitary system overflows. Municipal plumbing codes vary, so **we work closely with our partners** to offer customizable options where necessary.



## PRODUCT OFFERINGS

**Greasestopper®** automatically removes collected fats, oils, and grease (FOG) for rendering and meets Plumbing and Drainage Institute and ASME A112.14.4 standards.

**Passive Grease Interceptors (PGI)** are designed to intercept large quantities of fats, oils, and grease discharged from food service facilities and commercial kitchens.

**Manual Grease Interceptors (MGI)** collect large quantities of FOG and solid food waste, helping restaurants comply with EPA Sewer Pretreatment Regulations.

**Solids Interceptors** provide a solution for the capture of coarse and fine solids from food service facilities.

A white tanker truck is parked at night in an industrial setting. The truck is positioned next to a large, blue, spherical storage tank. The scene is illuminated by warm, low-angle light, possibly from the setting or rising sun, creating a dramatic sky with clouds. The truck's rear and side are visible, showing its multiple axles and wheels. The spherical tank is partially visible on the right side of the frame.

delivery

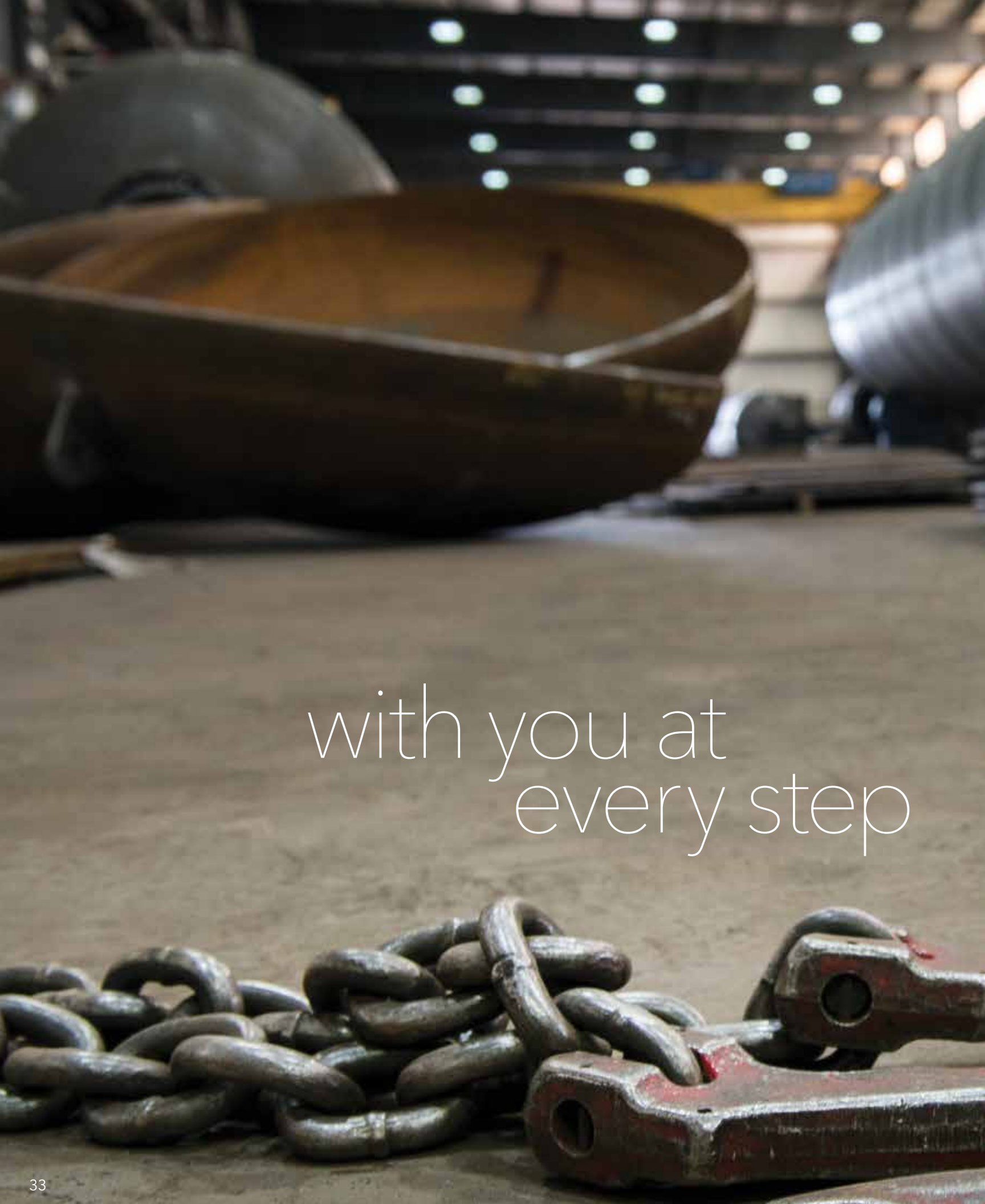
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# service delivered

Highland Tank strives to provide exceptional service to our partners from design to delivery, which is why we have our own fleet of trucks and team of professional drivers. Our drivers have decades of experience making safe and reliable deliveries of Highland Tank products in even the toughest circumstances. As with our whole team, outstanding service is the standard for our drivers, who are committed to delivering our products on time and staying as long as necessary. We appreciate our partners' investments in our products, and will treat their delivery with the same care and respect that we treat the rest of our process.

The background of the image shows a large industrial facility, possibly a shipyard or a heavy manufacturing plant. In the mid-ground, there is a large, dark, curved metal component, likely a part of a ship's hull or a large industrial vessel. The floor is a light-colored, textured concrete. In the foreground, a heavy metal chain with large links is coiled on the floor, and a metal shackle or hook is attached to the end of the chain. The lighting is industrial, with bright spots from overhead lights visible in the background.

with you at  
every step





Highland Tank takes great pride in the exceptional service we provide throughout the tank-buying process. From custom design and fabrication to careful and attentive delivery, each member of our team is fully invested in our partners' satisfaction. We know that our custom-engineered steel tanks are unmatched in their reliability and innovation, but we think it's the relationships we build that truly set us apart from the competition. Our team looks forward to developing a relationship with you and meeting your challenges head-on with bold solutions.



**Highland Tank<sup>®</sup>**



# Highland Tank®

count on our products / trust in our people

[www.highlandtank.com](http://www.highlandtank.com)

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