



FORT VALE

World leaders in the design and manufacture of valves and fittings for the safe transportation of liquids, powders and gases.





We can produce complex component parts to a high tolerance and superior surface finish at our lost wax investment casting foundry.

Overview

Fort Vale Engineering Limited is the world leader in the design and manufacture of manways, safety valves and loading and discharge systems for the transportation, transfer and storage of bulk liquids and liquefied gas.

Fort Vale owns self-sufficient manufacturing facilities, having total control over all manufacturing processes from foundry to testing. From initial research and development to the final product, Fort Vale can supply quality equipment, both standard and bespoke, to meet with each client's requirements.

The industries we serve are:

Tank Manufacturers ● Tank Lessors ● Tank operators ● Repair Depots ● Oil Terminals

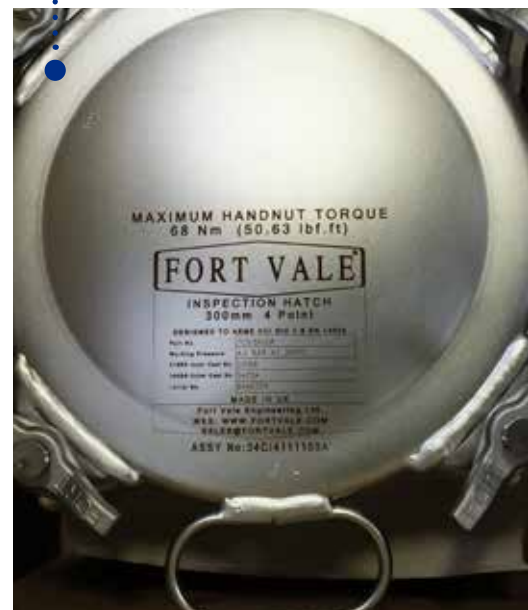
It is vital that the transportation of gases and liquids by road, rail and sea is safe, and Fort Vale works with regulatory bodies so that the quality of its design, materials and manufacture ensures that first-class safety is paramount.

Our goal is not only to be the preferred supplier of new OEM equipment, but also the premier after-sales supplier for spares. We have offices and stock in the UK, USA, Holland, Singapore, China, Russia, and Australia - as well as authorised distributors worldwide.

Our four point inspection hatches are approved for pressure retention.



The Fort Vale factory floor is designed for maximum efficiency.





Managing Director of Fort
Vale Engineering Ltd,
Ian Wilson, with Fort Vale
founder, Edward S Fort, OBE.

History

Fort Vale was founded in 1967 by Edward S Fort OBE, manufacturing parts for the road tanker industry. The company's first premises were in Colne, Lancashire and our first product was a 2½" cast iron, 3-way valve for tankers supplying heating oil to residential properties.

After 8 years of steady growth, Fort Vale purchased larger premises close by in Nelson - just outside Burnley. Our larger workforce was growing in experience and skillsets and as a result, we were able to expand and improve our product range. These factors, combined with excellent factory and machine tools meant that Fort Vale was in a good position at the start of the tank container market and its exponential growth.

The 1980s were a period of further expansion and success. In 1981, we won our first Queen's Award for export achievement - the next year, we opened Fort Vale Inc. in the US and in 1984 we expanded our manufacturing capability by acquiring the Valley mills complex. In 1986, we won our second Queen's Award for export achievement and in 1987 our founder and Chairman, Ted Fort, received an OBE for services to industry. Fort Vale ended the decade by establishing Fort Vale BV in the Netherlands.

Our state-of-the-art head office and manufacturing facility at Simonstone was opened in 2008.



Fort Vale has won a Queen's Award four times in 32 years, most recently in 2013.





A Global Brand

If the first 20 years was a period of expansion, the next 20 was one of continued success, growth and consolidation of our place at the very top of the industry.

In order to maintain and improve this position, the company opened further branches in Russia, China and Singapore - not just to expand the Fort Vale brand, but also to increase and enhance its global after-sales service.

Since 2007, Fort Vale has continued to go from strength to strength. Our state-of-the-art head office and manufacturing facility at Simonstone was opened in 2008 and in the same year we won a third Queen's Award. A new Research and Development facility was opened in 2012 and in 2013 we won our fourth Queen's Award.

2017 marked our 50th year of operation - during that time we've always believed that hard work, innovation and great customer service is the best way to build a company - which is why we're not only looking back at over 50 years of success - but looking forward to the next 50 as well.



Our headquarters at Simonstone are set within the picturesque Ribble Valley.





From investment casting, pressing, laser cutting and robotic welding, Fort Vale is at the cutting edge of technology.

Our Facilities

Fort Vale is synonymous with excellence in engineering and the company takes pride in being at the cutting edge of technology. We have a state-of-the-art manufacturing facility - having total control over all processes from research and development, design, investment casting, pressing, forging, plasma and laser cutting, to assembly, testing and certification. Multiple in-house test facilities are suitable for the full range of products from impact testing, air and liquid flow tests to high pressure testing for gas valves.

Specialist and bespoke work is our key strength - we can develop a design concept through to a finished product completely in-house - quickly.

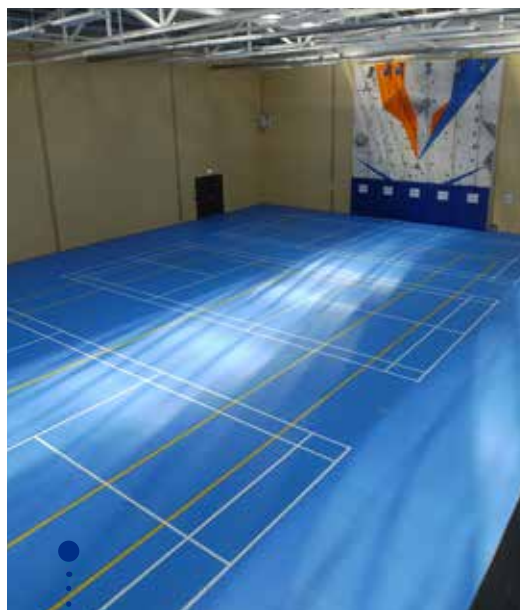
In 2012, we opened our research and development centre, underlining our commitment to training and innovation. These are key parts of the Fort Vale philosophy - we believe that hard work, the best training, and innovation using the best facilities and people are the cornerstone of our success.

With a plant that operates 24/7 and a workforce of over 400 people on rotating shifts, good employee health is important to us. We have opened an in-house sports facility so that our workforce is fitter and healthier than ever before - they are one of our biggest investments for the future.

Our apprentice program is also guiding the next generation, giving them the tools they need to become leaders themselves.



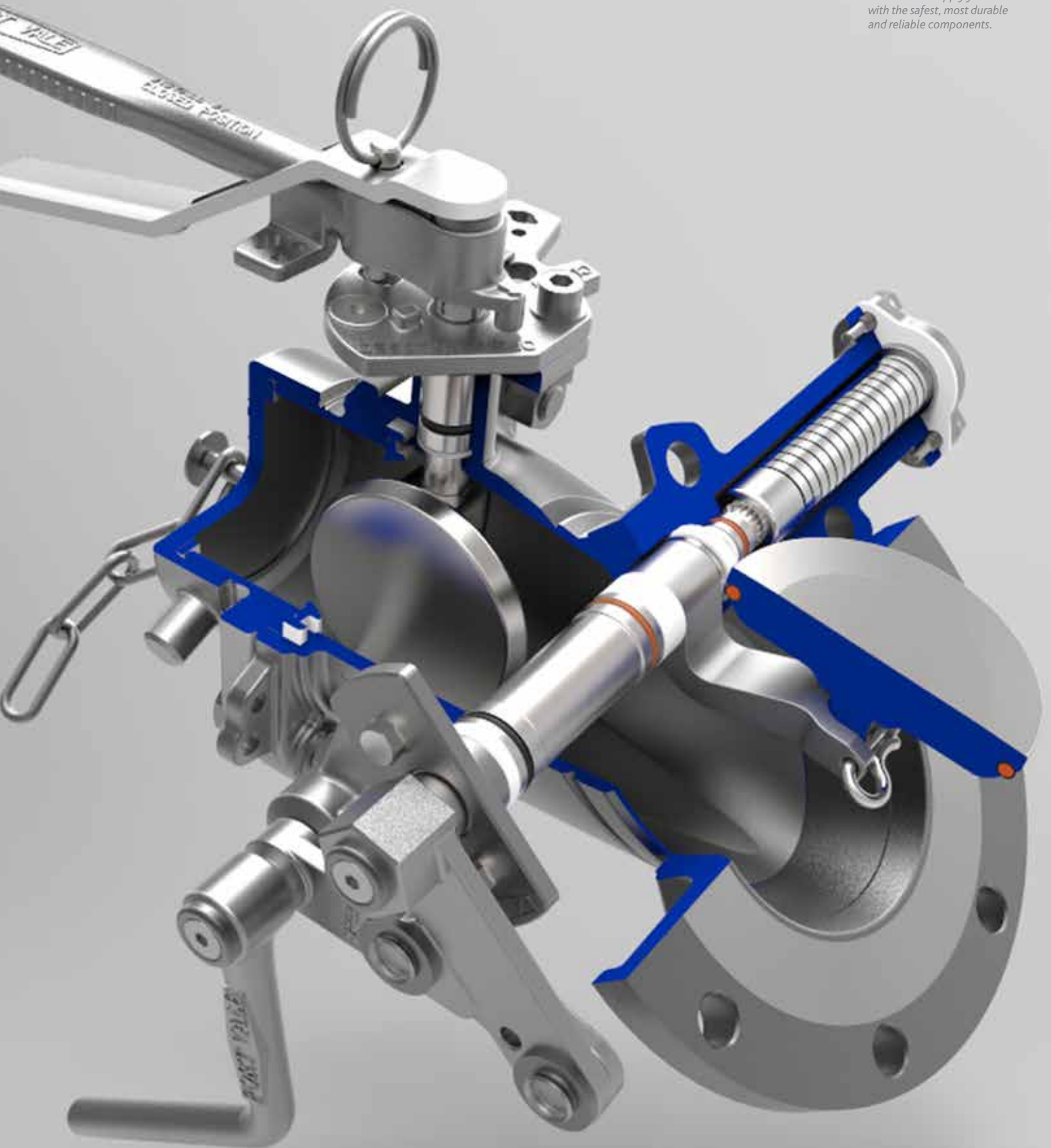
Connor was Fort Vale's Apprentice of the Year recently - our highly developed apprentice program is a vital part of our future.



Our in-house sports facility is outstanding, leading to improved workforce health and also helps to attract the best talent to Fort Vale.



Fort Vale will supply you
with the safest, most durable
and reliable components.



Tank Products

Your tanks are your most valuable asset. They work hard for you and you need them to be 100% dependable. We will supply you with the safest, most durable and reliable components - so you can be confident that your vessel will give you the best service and the maximum return on your investment.

Fort Vale is the market leader in the design and manufacture of manways, valves and ancillaries for tank containers. We have a huge range of products to suit all liquid tank classifications - from food to high-hazardous materials - and a dedicated range of equipment for T50 compressed liquefied gas tanks.

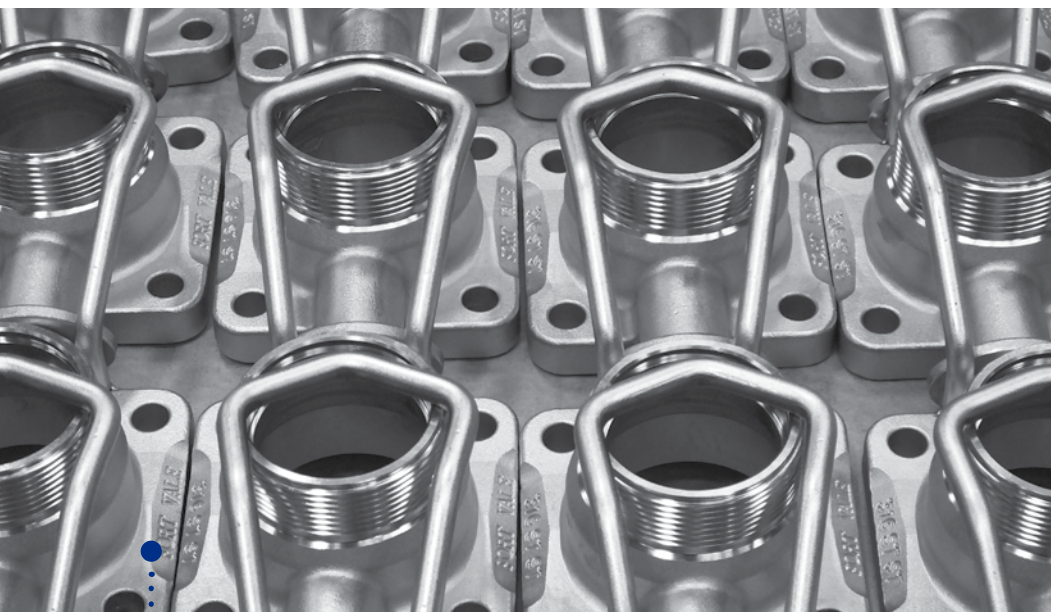
We have the flexibility to help you with your bespoke design requirements as well as being able to manufacture large batch quantities of tank equipment sets.

We manufacture the most extensive range of road tanker equipment available in the industry for the diverse requirements of ADR and non-ADR road tankers.

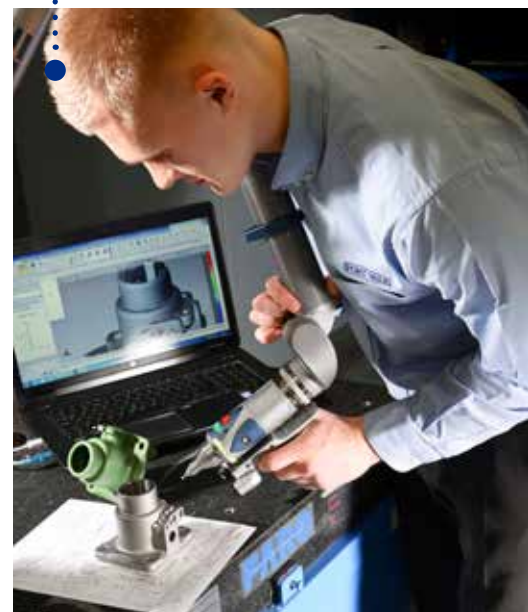
As tanker technology becomes more sophisticated, we are responding with valve systems designed to suit the increased safety features demanded by the market.

Fort Vale equipment is easy to use, simple to maintain and supported worldwide.

*Specialist and bespoke work is our key strength
- we can develop a design concept through to a
finished product completely in-house - quickly.*



*Fort Vale manufactures the most extensive range
of road tanker equipment available.*





Safeload delivers the most secure connection with minimum wear to the truck adaptor

Transfer and Storage

The market leading Safeload range of API bottom loading couplers is the first choice for many oil majors. Our expanding range of Safeload products for the Petroleum Transfer Industry includes Loading arm systems and API bottom loading couplers.

Safeload delivers the most secure connection with minimum wear to the truck adaptor and is proven to be reliable and very-long lasting in the relentless service conditions of a road-loading terminal.

We have a range of coupler options to suit a variety of operating environments and a complementary range of stainless steel loading arm solutions.

Process plant systems have specific demands, and we can provide special solutions for the food, chemical and pharmaceutical sectors. These include supply access hatches with polished finishes, sight glasses or vents. We also have an established range of specialized valves for the brewing industry as well as a variety of hygienic valve connections.

Talk to us about your process application - we have the flexibility to design and manufacture bespoke equipment.

Our expanding range of Safeload products for the Petroleum Transfer Industry includes Loading arm systems



The market leading Safeload range of API bottom loading couplers is the first choice for many oil majors





The precision-built Super
Maxi Highflow Relief Valve

Rail & Offshore

The rail wagon market is a highly diverse sector, both in terms of customer specifications and geographical operating conditions.

Our many years of experience in designing valve solutions for liquid and gas transportation has enabled us to produce a range of robust valves and access equipment, with versions that suit the requirements of the European and American markets.

Our equipment has also been widely used on tanks transporting and storing chemicals, fuel, acids and waste cargoes in the offshore drilling industry for over 40 years.

We have a range of fully-compliant equipment for all cargo applications for both vertical and horizontal tanks, as well as a complementary range of dry disconnect couplings.

Our rail and offshore equipment range offers you complete safety and reliability in the most demanding environments.

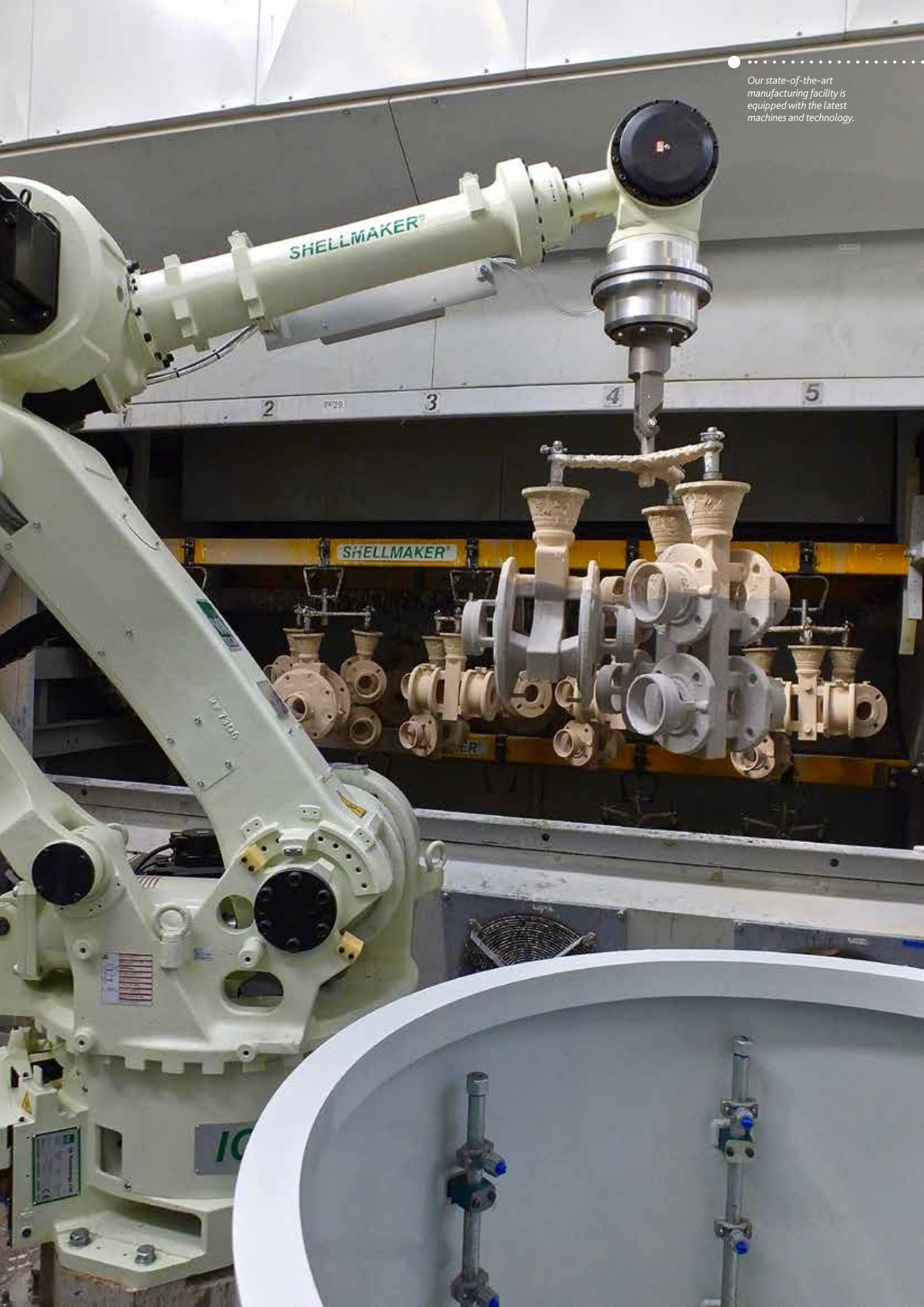
Our parts deliver the most secure connection with minimum wear and tear.



The only way to maintain valve integrity is to test, test and test again.



Our state-of-the-art
manufacturing facility is
equipped with the latest
machines and technology.



Design & Manufacture

Fort Vale believes in constant innovation. We listen to what our customers want and anticipate future trends, so our products are always evolving to benefit you.

We are the first manufacturer in the industry to have built a 3rd party approved test laboratory where we conduct air-flow and liquid-flow testing. This facility gives us a unique insight into "real-life" scenarios and enables Fort Vale to make significant and informed contributions to the safety of pressurised tanks.

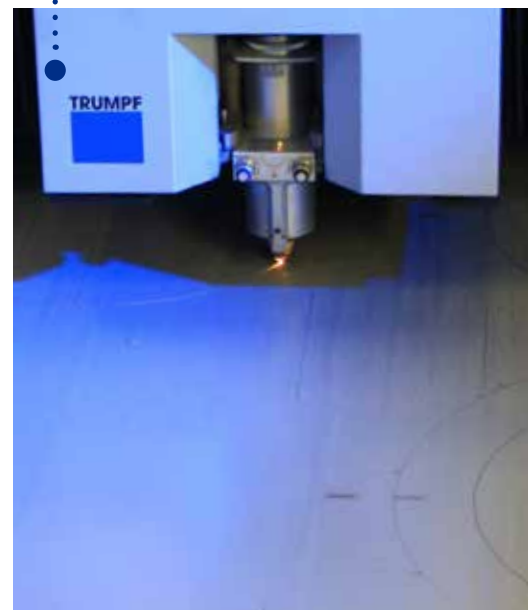
Our state-of-the-art manufacturing facility is equipped with the latest machines and technology which means that we can satisfy all high-volume requirements as well as highly customised requests. We can produce complex component parts to a high tolerance and superior surface finish at our lost wax investment casting foundry. This gives us maximum design flexibility to respond to your bespoke requirements, yielding consistency at competitive prices, so you can always rely on our superb quality standards.

Our valves conform to all current international codes and will offer the best protection for your tank and its cargo, giving you complete peace of mind.

We have a state-of-the-art manufacturing facility with total control over all processes including laser cutting



Our reputation is based on the verifiable, superior technical integrity of our range of products.



Our API couplers are a byword for safety and efficiency within the transport industry.



The Fort Vale approach

It's a simple theory, but one that has helped us to succeed for over 50 years - hard work, dedication and innovation - coupling those core values with our industry-leading safety, precision and quality gives us an advantage over competitors. We have always believed that the best way to lead is from the front, by setting an example - by being leaders, not followers.

We stake our reputation on the verifiable technical integrity of our range of products. That's why we built our own 3rd party approved Test Laboratory – we conduct cycle & endurance tests, air & liquid flow tests and flame & explosion tests.

Successful and profitable tank operation relies upon the technical integrity of each and every component. We ensure precision throughout so that you can rely on the performance of our valves and your tanks.

Our apprentice program is also guiding the next generation, giving them the tools they need to become leaders themselves. We know this development of our people brings continuity of the Fort Vale approach, ensuring support and service to our customers for years to come.

Your future success will be supported by the development of ours.

We believe that hard work, the best training, and innovation using the best facilities and people are the cornerstone of our success.



In 2018, we opened our state-of-the-art investment casting foundry centre, underlining our commitment to training and innovation.



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