Balmoral Tanks
Global water, wastewater and processing storage solutions

www.balmoraltanks.com
02 Balmoral Group
Established in 1980, Balmoral is a diverse group specialising in civil/environmental engineering liquid storage and treatment solutions; subsea buoyancy, insulation, elastomer and renewable energy products. The company also operates a property development division.

03 Balmoral Tanks
A division of Balmoral Group Holdings Ltd the company produces what is believed to be the most comprehensive range of tank products available from a single source in Europe.

09 Products
Fully accredited products, designed and supported by the best people in the business, mean that you can specify and install a Balmoral tank with confidence at highly competitive global rates.

31 Markets
Civil engineering, fire fighting, potable/non-potable water, anaerobic digestion, biofuel, biomass, wastewater treatment, desalination and drainage are all key sectors for the company.

39 Project portfolio
Over the past few years we have seen the demise of several tank manufacturing companies in the UK and beyond. In 50 years of working in the industry I have witnessed many positive things which, unfortunately, have been overshadowed by a lack of business vision, strategy and planning capabilities.

Our experience suggests a lack of management and overall business skills is evident in the industry; this is not a criticism of people it is simply down to the very low cost of entry to this market.

In stark contrast to low cost high risk strategies, Balmoral Tanks has invested more than £10m in a purpose designed factory in South Yorkshire and an upgrade to its manufacturing processes for epoxy coated and concrete tanks.

This follows continued investment and plant upgrades in our plant at Llantrisant which produces hot pressed GRP and Horseley Bridge hot pressed steel sectional tanks.

The Thurnscoe facility, which became fully operational in 2018, offers an advanced epoxy coating line, in-line shot blasting unit, the latest laser cutting technology and fabrication facilities.

Further, we continue to raise the bar in the storage tank industry by having the vast majority of our products accredited to industry standards including ISO 9001; FM Global; and WRAS, while manufacturing facilities are capable of meeting AWWA standards. New approvals such as NSF 61 are actively being pursued as we go to press.

Our ongoing commitment to personnel development and the finest available manufacturing plant means that we consistently deliver on our brand promise of being ‘not just another tank company’.

We are here to serve and support you whether your requirement is for a small one-piece tank right through to a fully functioning anaerobic digestion plant incorporating our proprietary digestore® concrete and efusion® epoxy coated tanks. Don’t hesitate to get in touch.
Established in 1980 Balmoral Group Holdings Ltd is a privately owned company comprising several operating divisions.

Balmoral Offshore Engineering specialises in subsea buoyancy, flotation, insulation, elastomer and renewable energy products while Balmoral Tanks provides water and wastewater solutions to the anaerobic digestion, civil and environmental engineering sectors. Balmoral Park is the Group’s property development and management arm.

At Group HQ in Aberdeen the company has invested in a pioneering subsea product design and manufacturing facility that includes laboratory, design engineering, production, project management and testing facilities that are unrivalled in the industry.

Balmoral Tanks designs and produces efusion® and digestore® epoxy coated and concrete tanks respectively for the water, wastewater and anaerobic digestion markets. A new factory in South Yorkshire, representing a £10m+ investment, was commissioned in 2018. The company also operates a highly specialised design and manufacturing business in South Wales that provides hot press GRP and steel sectional tanks as well as cylindrical steel tanks for the global water storage and fire-fighting sectors.

Balmoral Park Ltd is the company’s property development division. Covering some 18 acres Balmoral Business Park in Aberdeen is home to three auto dealerships; Audi, Mini and Nissan, and features a 40,500sqft high-specification office pavilion.

These businesses are run by defined management and operations teams that are wholly responsible for their unit’s profit and loss activity. All are dedicated to the company’s philosophy of innovation and continuous improvement.
Balmoral Tanks

Balmoral Tanks is a leading European tank design and manufacturing company. A division of Balmoral Group Holdings Ltd the company produces what is believed to be the most comprehensive range of tank products available from a single source in Europe. Civil engineering, fire fighting, potable/non-potable water, anaerobic digestion, biofuel, biomass, wastewater treatment, desalination and drainage are all key sectors for the company. Balmoral also offers a wide range of associated technical services including installation, inspection, repair and maintenance.

Why choose Balmoral Tanks?
At Balmoral Tanks, customer focus is a recognised value. It’s not aspirational, it is real and every member of the team understands its meaning and more importantly, how they can positively influence it. Customer focus is an ‘attitude’ which permeates the organisation.

To ensure this mind-set is sustained a number of initiatives have been put in place. A range of customer-driven key performance indicators are measured regularly while a weekly service level score is generated from every part of the business and shared across the company.

These internal service performances are cross referenced via Balmoral Tanks’ innovative customer programme known as ‘Net Promoter Scoring’. This initiative allows regular monitoring of important and added-value solutions being delivered to customers.

Additionally, the Balmoral ‘Big Team’ concept operates to a set of core values and standards that reinforce the company’s customer promise and ensure all team members understand how important their contribution is.

This level of customer care, complemented by unrivalled manufacturing assets, leading industry personnel and effective management sets Balmoral Tanks apart in the global water industry. To put it another way, Balmoral Tanks is not just another tanks company.
Design capability

Balmoral Tanks benefits from being part of Balmoral Group Holdings Ltd and the huge support infrastructure that offers. The group is also a supplier of subsea buoyancy, elastomer and insulation products to the global deepwater oil and gas industry.

It is this depth of expertise, particularly in reference to epoxy-coated and in-situ concrete products, that differentiates Balmoral’s engineering and design teams from any other tank manufacturer in the world.

The company’s design team is always happy to advise clients on the best options for their project and by having such a wide product portfolio substantial savings are frequently made by choosing the correct product for the job.

The vast majority of Balmoral Tanks’ products are accredited and approved by numerous agencies: BSI, BAFSA, FM Approvals, British Water and WRAS to name but a few. In gaining these accreditations Balmoral has raised the integrity and standards of the tank industry around the world.
Project management

With 50 years’ experience in managing the design, manufacture and installation of liquid storage and treatment products - using the latest management tools and standards - Balmoral Tanks’ management team works closely with clients to deliver on time and on budget.

The company trains its projects team to recognised global competency standards to address the growing management requirements from order placement through to delivery and installation.
International expertise

Balmoral operates in the global market and has a dedicated export team servicing the ever-changing requirements of the water, wastewater and processing sectors.

Balmoral tanks are successfully supplied and installed around the world. The company’s design and manufacturing teams work with international clients ensuring local requirements are fulfilled in line with appropriate national and international standards.

Balmoral’s industry-leading experience will help you manage your project wherever you are based or wherever your project is taking place.
Health and Safety
Balmoral Tanks’ technical services teams place the highest priority on health and safety. Full and comprehensive risk assessment and method statement documentation is carried out and completed with personnel certification being issued to the customer.

Technicians are fully trained to ensure all works are carried out safely and in compliance with current legislative standards. They hold full accreditation and have many years of experience in tank installation and technical services. Tank owners and operators can have 100% confidence in the company’s technical and practical capabilities.

Certification
- SMSTS  Site Management Safety Training Scheme
- CPCS  Construction Plant Competence Scheme
- CSCS  Construction Skills Certification Scheme
- CCNSG  Client/Contractor National Safety Group
- IPAF  International Powered Access Federation
- PASMA  Prefabricated Access Supply & Manufacture Association
- CITB  Confined Space Trained
Products

- Concrete tanks
- Cylindrical steel water tanks
- Epoxy coated steel tanks
- Hot press GRP sectional water tanks
- Hot press steel sectional water tanks
- Tank towers
- Tank installation
- Technical Services
- Servomac Pipework Specialists
Concrete tanks

Balmoral is the UK’s first choice for large scale reinforced concrete digester tanks. Company personnel have completed some very demanding construction projects of this type since the early 2000s.

The Balmoral digestore® is a reinforced concrete, post-tensioned digester tank offering the following benefits:
- OSHAS 18001, 14001 and 5-Star British Safety Council accreditations
- Leak free structure using post-tensioning technology
- Unique Balmoral design and build process offers a tank with low carbon footprint
- Expected lifecycle of 60 years
- Highly experienced and trained construction teams
- Dedicated design team headed up by chartered Civil Engineer with over 30 years’ experience
- Established track record with high levels of customer satisfaction and repeat business
- Highly experienced contracts team

Design and build
With reinforced concrete tanks offering the most durable solution to many storage requirements, Balmoral Tanks supports its clients with end to end service.

The company provides a full build approach working with highly trained employees. Balmoral installation teams always work to the latest Health & Safety standards whilst maintaining the leanest build durations.

In addition to providing tanks, Balmoral offers civils packages including excavation, piling and related activities.

Cast in-situ reinforced concrete tanks
Balmoral reinforced concrete tanks are designed to all appropriate standards including British Standards (BS) and Eurocode.

From large scale anaerobic digesters to on-farm slurry stores, using its proprietary formwork system, Balmoral offers build times of the shortest possible duration and does this without compromising quality or health and safety.
Balmoral cylindrical sectional tanks are available in aluminium, galvanised, stainless steel, powder and epoxy coated options and hold FM Approvals for fixed fire fighting sprinkler systems.

The range of materials on offer provides customers with cost effective and project specific options in the fire protection, potable and irrigation water storage sectors.

Advantages of cylindrical bolted tanks
- Bolting sectional tank panels together eliminates the need for costly site welding and thick reinforced concrete base structures
- The latest construction methods use hydraulic jacks allowing the tanks to be erected within days by a small team. This process also reduces health and safety risks by removing the requirement of working at height
- Cylindrical tank kits are conveniently packed onto pallets to create minimum cubic capacity and reduce shipping costs
- Standard Balmoral panels are held in stock enabling quick delivery
- Pre-installed liner sealed tanks can be re-located quickly and at minimal expense

Tank capacities
Balmoral offers an extensive range of cylindrical tanks. Virtually unlimited dimensions and capacities allows clients to select a design for their specific application. These options provide the flexibility to increase the tank height and reduce the diameter while maintaining the volume if the footprint is an issue. Alternatively, the diameter can be increased and height reduced if required.

Tank sealing
Two types of tank sealant are offered, liner and mastic; the most common being the liner sealed design. The inside of the tank shell is lined with a synthetic EPDM, reinforced PVC or butyl rubber liner. The purpose of the liner is to separate the water from the tank shell. The concrete base and shell are also lined with geo-textile matting to provide additional protection against damage to the liner.
Epoxy coated steel tanks

efusion® is the brand name for Balmoral Tanks’ in-house steel panel epoxy coating. This fusion bonded epoxy treatment provides a highly resistant coating to the tank panels.

The epoxy is electro-statically applied and thermally bonded in a two-coat process. This ensures all efusion panels have the most durable and resistant coating possible and all products are tested for discontinuities and thickness prior to dispatch. Balmoral Tanks guarantees that only 100% defect-free panels leave its factory.

efusion is tested to similar stringent standards as glass coated steel and meets or exceeds the following internationally comparable coating requirements:

- ISO 12944
- WIS 4-25-01
- ISO 28765:2008
- EEA 7.20
- EEA 7.24
- EEA 7.25
- AWWA D103-09
- WRAS

efusion® tanks

Balmoral Tanks’ efusion epoxy coated tanks represent the very latest developments in steel tank coating technology. This, in turn, has provided significant engineering and cost benefits to users across a range of applications since the early 2000s.

The benefits of epoxy coated steel tanks against more traditional tank coatings include higher durability to impact, lower cost manufacturing, lower carbon footprint and more efficient design principles.

Epoxy coated tanks are used in the following sectors amongst others:

- Potable water
- Wastewater treatment
- Clean water
- Anaerobic digestion
- Leachate treatment
- Sewage treatment
- Demineralised water storage
Hot press GRP sectional water storage tanks

With an unrivalled reputation for quality and service Balmoral offers GRP sectional tanks, which can be pre-insulated, ranging from 1m³-10,000m³ capacity and erected to a height of 4m in 1m and 0.5m increments.

These tanks are designed and manufactured to BSEN 13280 standards, carry WRAS approval for potable water storage. All panels are fully tested to resist pressures in excess of six times their working pressure.

Design
The design of each sectional tank panel is modelled using FEA software. This allows fine detail to be thoroughly investigated and improved before proceeding to mouldmaking and production.

Materials
All materials used in the production and assembly of Balmoral GRP tanks are rigorously tested for potable water compatibility. This includes long term material performance and mechanical properties, non-metallic components, adhesives, etc. Combined, these analyses form the basis of the company’s extensive QC procedures.

Manufacturing process
Balmoral sectional tank panels are hot press moulded in glass reinforced plastics (GRP) using isophthalic unsaturated polyester resins and electrical glassfibre reinforcement.

The panels are moulded at temperatures up to 150°C under strict quality control disciplines. The process results in strong, consistent panels which are fully cured, dimensionally accurate with sharply defined profiles and smooth surfaces on both faces.

Drilling and finishing of the panels is undertaken in a purpose built controlled area, where high technology automated drilling equipment is used to complete production to exacting tolerance levels.

Thermal insulation
Balmoral sectional tanks use expanded polystyrene (EPS) materials in their thermally insulated panels. This is made using a pentane expansion agent which is CFC and HCFC free and can be recycled by melting down and reforming.
Hot press steel sectional water storage tanks

Balmoral hot pressed steel sectional tanks with capacities of up to 1300m³ have been installed worldwide in water supply projects, the food and processing industries, hotels, railways, hospitals and the utilities sectors. Using proven technology, Balmoral steel sectional tanks and towers have an outstanding track record.

The development of Balmoral Tanks’ EPDM rubber sealing system, combined with the application of various coatings suitable for the storage of potable water, has made safe storage of this valuable resource even more secure.

Tanks can be provided for ground level installation or elevated on steel structures that are specifically designed and fabricated by Balmoral.

General construction
Balmoral pressed steel tanks are bolted mild steel sectional water storage containers. Plates are hot-pressed in the company’s South Wales factory to BS1564:1975 Type 1. The panels measure 1.22m² (4ft²) with thicknesses ranging from 4-6mm depending on tank depth and use. Half plates are available. Steel used in plates, stays, cleats, etc, conforms to BSEN10025:1993 S275JR (43A equivalent).

Tank plates are bolted together using an approved sealant. For ease of access to bolts, tanks are supplied with external flanges unless customers specify otherwise.

To support pressures exerted by the tank’s contents, the sides of all tanks at the junction of four plates are supported by rolled steel angle stays attached to cleats of equal strength bolted to tank plates. The pattern of internal stays depends on tank size and varies between horizontal, vertical and diagonal.
Tank towers

Balmoral Tanks provides a design and supply service for towers to fully accredited standards.

When specifying tower requirements it may be advisable to anticipate future increases in tank capacity. Customers are advised to consider foundation requirements and to let Balmoral know what additional loadings on towers may be required in the future.

Tower specifications

- EN 1090-1 and EN 1090-2 approval for design and manufacture of towers
- Towers designed to BS EN 1993-1-1:2005 (Core document)
- Loadings to BS EN 1991 (Core documents)
- Seismic design to BS EN 1998-1:2004 including BS EN 1998-6:2005. (Core documents)
- Fully galvanised construction to BS EN ISO 1461:2009
- Towers designed to support steel and GRP tanks
- Height to suit project requirements
- Requires concrete foundation to be designed/built by others
- Fully bolted connections, no site welding. Only interference-type bolts used – no preloaded friction grip bolts
- Access to the tank via caged ladders and fully hand-railed intermediate and perimeter walkways
- Walkways designed to 5kN/m² loading
- Open support structure allowing easy routing of pipework
- Tower can be disassembled and rebuilt if required
- Suitable for containerised shipment
Tank installation services

Balmoral Tanks provides full installation services for all products. On major projects a detailed pre-start site survey is included as standard and this can be made available for all projects on request.

A network of installation teams covers the UK and also provides international supervision and/or installation services. All installation teams have attained Authorised Installer Registration Scheme (AIRS) approval, under which they are regularly audited.

Team managers are SMSTS qualified with each team supervisor carrying a minimum of SSSTS qualification. Every Balmoral installer carries all necessary training qualifications including CSCS, Confined Space, First Aid, PASMA, IPAF, etc.

Additionally, full turnkey services for the refurbishment, removal and replacement of existing tanks and pipe works are provided.

Site works are supported by the in-house H&S department, and the company’s installation methods are constantly reviewed via a continuous improvement scheme in conjunction with Balmoral Tanks’ design department.
Technical Services

Balmoral Tanks’ technical services team provides comprehensive inspection, maintenance, repair and refurbishment services on all tank products whether they are of Balmoral origin or not.

<table>
<thead>
<tr>
<th>Service</th>
<th>GRP sectional</th>
<th>Steel sectional</th>
<th>Cylindrical</th>
<th>Epoxy coated steel</th>
<th>Concrete</th>
</tr>
</thead>
<tbody>
<tr>
<td>Visual site inspection - internal and external</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Ultrasonic thickness measurement (UTM)</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Thickness coating measurement (TCM)</td>
<td></td>
<td>✓</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>ROV inspection</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Repair and maintenance</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upgrade and refurbishment</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Service level agreement</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Engineering support</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cleansing and disinfection</td>
<td>✓</td>
<td></td>
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</tr>
</tbody>
</table>
During 2018, Balmoral Tanks expanded into the pipework arena with the acquisition of Servomac Ltd, the Chesterfield-based pipework specialist. The company supplies, fabricates, installs and tests pipework systems complemented by the installation of associated mechanical equipment.

Specialists in a full range of stainless steel pipework along with nominal bore carbon steel, fusion bonded epoxy coated carbon steel, ductile iron, galvanised and plastic pipework.

With decades of experience Servomac provides the following services:

- Comprehensive range of pipework systems including stainless, carbon and coated steel, ductile iron, plastics
- Design, 3D modelling and site survey
- Off-site fabrication
- Pipe supports and bridges
- Bespoke fabrications
- Mechanical installation
- Skid units
- DfMA
Tank pipework

The fitting of tank pipework during jack-up installation offers numerous benefits, including:

- H&S risk reduction
- Elimination of scaffolding
- Elimination of craneage
- Substantial savings to site programme
- Turnkey project delivery

Following installation, tank and pipework testing is carried out as a single procedure saving on programme timings and additional sub contract requirements.

Konaflex above ground drainage systems

Additionally, Servomac supplies a range of Konaflex galvanised mild steel, stainless steel and copper pipe systems for above ground drainage, service pipework, pumped, dry and wet risers, bespoke fabrication and large bore traps.
Markets

- Water storage
- Fire fighting water storage
- Wastewater/processing
- Anaerobic digestion
- Aquaculture
- Bulk storage
- Farming slurry
- Mining
- Odour suppression
- Process and industrial water storage
- Rainwater harvesting
- Sewage and industrial wastewater treatment
- Water attenuation
- Pipework
- Above ground drainage

Balmoral Tanks
Water storage

Balmoral water tanks are used in many of the world’s most prestigious construction projects. The company’s potable, grey, rainwater and fire fighting sprinkler system water tanks are relied upon to provide a safe, clean and reliable water source on a global basis.

Offering a wide range of project-specific options including GRP and galvanised steel hot press panel tanks to bolted steel cylindrical, concrete and epoxy coated tanks Balmoral brings an unrivalled level of experience to the water storage sector.

Fully accredited products, designed and supported by the best people in the business, mean that you can specify and install a Balmoral tank with confidence at highly competitive global rates.
Fire fighting water storage

Automatic fire sprinkler systems are installed for two main reasons; property protection or life safety. In both cases their efficiency in controlling and extinguishing fires has protected lives and the environment for over one hundred and twenty years.

In all cases an essential part of the system is the water supply. This can take the form of a direct supply from the local water service main with or without a booster pump or, more reliably, having water stored in a tank with a pump or pumps to deliver the water to the sprinkler system.

The most common arrangement is a single water storage tank with two fire pumps, each capable of meeting the needs of the sprinkler system.
Wastewater and processing

The treatment of wastewater is essential prior to reinjection into the water grid or before water is re-used in processing works. With ever-increasing water costs tied with limited availability and increasingly stringent legislation on contamination, globally, this as an area of key interest to clients in the following sectors:

- Municipal water treatment
- Mining, food & beverage
- Pulp and paper
- Animal processing
- Landfill leachate

Balmoral Tanks has a long history of providing tank solutions into these sectors. The company’s products are commonly used in the following processes:

- Sedimentation
- Aeration
- Clarification
- Chlorination
- Effluent storage
- Anaerobic digestion
- Demineralisation, etc

Addressing these diverse applications and processes Balmoral will tailor an engineered tank solution to meet project-specific demands by offering industry leading products including GRP sectional, steel sectional, epoxy coated and concrete tanks.
Anaerobic digestion

Anaerobic digestion (AD) processes plant-derived materials, known as biomass, into gas to be used for heating and power; the resultant gas is called methane or biogas and is created by bacteria which digest biomass and produce methane as a by-product. Biogas has been used in the UK since 1895 when gas from sewage was used in street lamps by the city of Exeter.

Steel digester tanks
Balmoral efusion® epoxy coated tanks represent the very latest developments in steel tank coating technology. This has provided significant engineering and cost benefits to users across a range of applications since the early 2000s.

The benefits of epoxy coated steel tanks against more traditional tank coatings include higher durability to impact, lower cost manufacturing, lower carbon footprint and more efficient design principles.

efusion is tested to similar stringent standards as glass coated steel and meets or exceeds the following internationally comparable coating requirements: ISO 12944; WIS 4-25-01; ISO 28765:2008; EEA 7.20

Concrete tanks
With reinforced concrete tanks offering the most durable solution to the AD sector, Balmoral Tanks supports its clients with end to end service. From large scale anaerobic digesters to on-farm slurry stores, and using its proprietary formwork system, Balmoral offers build times of the shortest possible duration and does this without compromising quality or health and safety.

In addition to providing tanks, Balmoral provides civils packages including excavation, piling and related activities.
Diversified markets

**Aquaculture**
This growing sector demands industry and project-specific solutions for its specialised operations.

Balmoral Tanks understands the industry and provides a wide range of storage solutions in a range of materials, shapes and sizes to satisfy the development stages of fish rearing and production.

**Bulk storage**
Used by the agriculture, food, industrial, mining and processing industries Balmoral silos are designed to suit project requirements; highly cost effective solutions can be found by enquiring at an early stage.

Balmoral Tanks’ wide range of products and accessories means you will get the tank best suited to the requirement without compromising on quality, longevity or safety.

**Farming slurry**
Quickly and easily erected to a wide range of sizes depending on the scale of operation, Balmoral efusion™ tanks are the answer to all slurry storage challenges.

With unrivalled performance at industry-beating cost efusion epoxy coated tanks will provide many years of maintenance-free service.
Rainwater harvesting
Helping to recycle rainwater not only saves costs but also helps prevent flooding by stopping rainfall entering the wastewater run-off system. Rainwater can be collected in commercial situations for re-use as irrigation supply or grey water throughout a building.

Sewage and industrial wastewater treatment
With the widest range of storage solutions for the sewage and industrial wastewater sectors Balmoral Tanks can provide the most appropriate and cost effective option for your project.

Water attenuation
To control the flow of storm water into the drainage system, attenuation tanks retain large volumes of water for gradual and controlled release thus preventing potentially damaging flooding and further environmental impact.

Spanning epoxy coated, steel and GRP tanks through to aluminium, stainless and concrete options, no matter the size, Balmoral’s technical team will advise at the early stages of a project to ensure you specify the most suitable solution.

Markets
Balmoral Tanks

Mining
Balmoral epoxy coated steel tanks are ideally suited to applications in the mining industry and are designed to meet the demands of corrosive and demanding environments.

Quickly and easily installed the efusion™ range offers long dependable service and is specified across the mining spectrum from high value minerals to exotic metals. The tanks are designed and constructed so that they can be dismantled and re-located if desired.

Odour suppression
Odour control systems are used by many sectors to remove unwanted odours from work and surrounding environments. Balmoral GRP sectional tanks are used extensively in the design and installation of such odour control filtration systems.

Process and industrial water storage
Tanks used to store water in the processing and industrial sectors, whether that is food and drink, desalination or utilities, must be of the highest quality and meet demanding accreditation and local standards.

Offering a range of high quality fully accredited products Balmoral can satisfy most, if not all, requirements in these wide-reaching industry sectors.
Project portfolio
01 Olympic Village and Stadia, London
Application: Potable water and fire fighting water storage solutions to the athletes’ village blocks; aquatics centre; water polo arena; hockey arena; velodrome; basketball arena; main stadium; Eton manor
Total capacity: 1,000,000 litres

02 Sir C Duncan Rice Library, University of Aberdeen
Application: Potable/non-potable and fire fighting water storage
Tank type: Hot press GRP sectional water tanks
Total capacity: 218,500 litres

03 Brålanda, Sweden
Application: Agricultural biogas plant
Tank type: efusion™ epoxy coated steel tanks with PVC double membrane roof

04 Sharjah Airport, United Arab Emirates
Application: Fire fighting water storage
Tank type: Pre-mill galvanised steel cylindrical tanks
Total capacity: 2,050,000 litres

05 The ‘Walkie Talkie’, Fenchurch Street, London
Application: Fire fighting water storage and tank liners
Total capacity: 415,000 litres
<table>
<thead>
<tr>
<th>No.</th>
<th>Location</th>
<th>Application</th>
<th>Tank Type</th>
<th>Total Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>06</td>
<td>Wembley Stadium, London</td>
<td>Potable water storage</td>
<td>Hot press GRP sectional water tanks</td>
<td>600,000 litres</td>
</tr>
<tr>
<td>07</td>
<td>Radisson Blu Hotel, Birmingham</td>
<td>Potable water storage</td>
<td>Hot press GRP sectional water tanks</td>
<td>40,000 litres</td>
</tr>
<tr>
<td>08</td>
<td>Baldock, UK</td>
<td>Biogas plant</td>
<td>efusion® epoxy coated steel tanks</td>
<td></td>
</tr>
<tr>
<td>09</td>
<td>Heron Tower, Canary Wharf, London</td>
<td>Potable and fire fighting water storage</td>
<td>Hot press GRP sectional water tanks</td>
<td>350,000 litres</td>
</tr>
<tr>
<td>10</td>
<td>Saint-Gobain (Isover) Runcorn</td>
<td>Cooling tower water tank</td>
<td>Hot press steel sectional water tank</td>
<td>145,270 litres</td>
</tr>
</tbody>
</table>
Balmoral core values

The values described below apply to employee relationships with all customers – whether that is within Balmoral Tanks or with the company’s highly valued client base.

<table>
<thead>
<tr>
<th>Customer focus</th>
<th>Leading and working together as a team to deliver high quality products on time at the best possible price with no surprises</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respect</td>
<td>Treating clients and colleagues as we wish to be treated ourselves, with respect and decency</td>
</tr>
<tr>
<td>Integrity</td>
<td>Reliability, flexibility, honesty, openness and fairness. Supporting clients and colleagues at all times with a focus on the common end goal</td>
</tr>
<tr>
<td>Accountability</td>
<td>Being proactive in setting and achieving objectives. Taking responsibility in one’s role and enhancing the company reputation at all times</td>
</tr>
<tr>
<td>Innovation</td>
<td>A commitment to the company’s philosophy of innovation, continuous improvement and clear communication, internally and externally</td>
</tr>
<tr>
<td>Motivation</td>
<td>Maintaining a focus on aligning efforts and energy to achieve common goals, ie, successful projects. Constantly seeking to add value</td>
</tr>
</tbody>
</table>
For full product details, tank sizing, project case studies and white papers visit www.balmoraltanks.com.

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