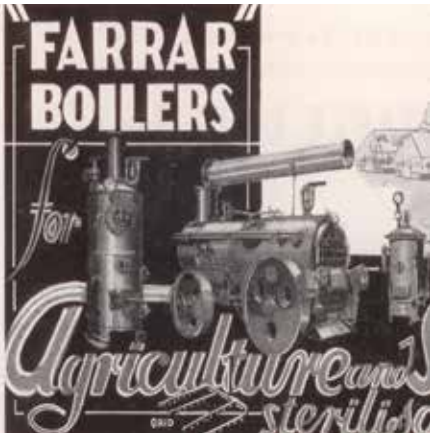
Great British Heating

Since 1887

Our UK Heritage



Hoval Ltd, based in Newark-on-Trent in Nottinghamshire, is the UK arm of the international Hoval Group based in Liechtenstein. Hoval, as a company in the UK and as a wider Group, is internationally regarded and recognised as a true leader and innovator in the field of commercial heating and ventilation.

For well over a century, we have been designing, manufacturing and installing commercial boilers in the UK. At Hoval, we offer the kind of expertise and bespoke service that can only come from decades of experience.

Hoval originally entered the UK in 1958 and purchased the Farrar boiler works in Newark in 1961. It is from the same site that the UK business is still run today. The original Farrar boiler works was established in Newark in 1887. The works then supplied boilers and heating equipment to the extremities of the British Empire for 80 years prior to Hoval's acquisition - surviving near misses from bombing raids of the Second World War as well as manufacturing military ordnance during both world wars.

Our wide range of high quality products means Hoval can meet almost any customer's requirements whether it be gas, oil or biomass heating, generating hot water from the sun or air, or by combining a variety of heating technologies

Life cycle costing has become a key issue and Hoval's experience gives customers full confidence in our extended guarantees, including the 10 year warranty that comes with our signature product, the UltraGas®, alongside our extensive selection of service contracts.

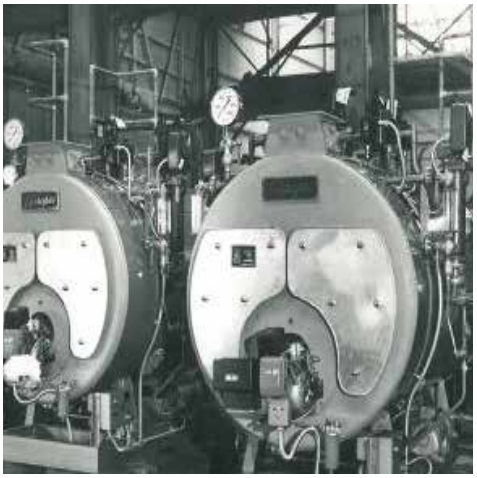
Hoval Limited is proud to hold the Royal Warrant to Her Majesty the Queen as Boiler Manufacturers and Engineers.

Consequently, as a company steeped in engineering tradition, Hoval Ltd enjoys the enviable position as one of the nation's leading suppliers of heating equipment to the Building Services Industry. The Company has installed commercial boilers and related equipment for a wide spectrum of clients in many walks of life including hospitals, prisons, sports stadia, schools, commercial office developments, hotels, museums and many other buildings of size and note.

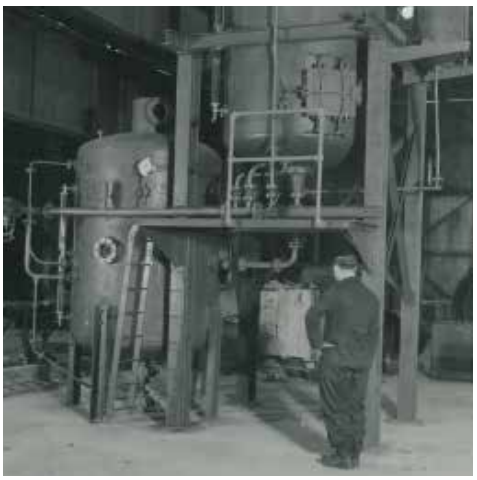
In the pages that follow please join us for a short tour around the United Kingdom to see a small sample of where we have supplied heating and hot water equipment over the years.

View of the Peach Maltings taken in 1950.


FARRAR NEWARK




FARRAR'S
CORPORATION LTD.
JAMES HOLE & CO



Hoval


BOILERS LTD


FARRAR
BOILERS

The Royal Seal of Approval

By Appointment to
Her Majesty the Queen
Boiler Manufacturers & Engineers
Hoval Limited, Newark

Buckingham Palace

Providing heating and hot water for the Royal Household since 1983

Buckingham Palace has served as the official London residence of Britain's sovereigns since 1837 and today is the administrative headquarters of the Monarch.

As the working hub of the Royal Household, it is the venue for great Royal ceremonies, State Visits and Investitures and welcomes more than 50,000 official guests annually. It also opens the lavish State Rooms to the public every summer, and is an enormous tourist attraction, gathering visitors from all over the world.

The Palace is impressive in size. Its 775 rooms include 19 State Rooms, 52 royal and guest bedrooms, 188 staff bedrooms, 92 offices and 78 bathrooms. In total, some 311,040 cubic metres of space need to be heated.

Hoval first provided services to the Royal Household almost 30 years ago, and were awarded the contract to supply boilers to Buckingham Palace in 1985.

Shortly afterwards, Hoval were awared the great honour of the Royal Warrant as Boilermakers and Engineers.

In 2013, as Royal Warrant holders, Hoval were invited to take part in the Coronation Festival, one of a number of celebrations to mark the 60th anniversary of the coronation of HM Queen Elizabeth.

Held in the magnificent gardens of Buckingham Palace, the Festival brought together – for the first time on such a grand scale – over 200 companies that hold Royal Warrants.

Hampton Court Palace

Hoval UltraGas® condensing boilers at Hampton Court Palace are delivering significant energy and carbon savings for Historic Royal Palaces.

The UltraGas® boilers, which were installed in 2012, are providing space heating to workshops, storage areas and the main reception area and were selected following evaluation of a number of manufacturers' boilers. A key factor in the specification of UltraGas® was the 12:1 turndown, providing the required controllability to maintain optimum efficiency while ensuring indoor temperatures do not rise above 16°C, thereby protecting the building fabric.

To comply with restrictions on fixing to walls or ceilings, the boilers are fixed to the floor and distribution services are attached to a freestanding floor-mounted framework. They were originally installed in a small works yard area boiler room, and the Palace has since gone on to use Hoval boilers in their main boiler house. This means Hoval boilers supply heating for over 65% of Hampton Court Palace.

Darren King, Maintenance Manager at the Palace said: "We looked at a number of different manufacturers at the time of replacing the boilers back in 2012, we look at the pros and cons with each manufacturer's product.

"We believed that the Hoval boiler, due to the quality way it was constructed, and the excellent energy savings it provides, would give us the reliability and longevity of the life of the boilers that we were looking for and also save us money going forward with our heating bills.

"We believe that we have achieved all three of our goals by using the Hoval product and have gained an artistically good looking boiler.The reliability has been outstanding to date and we are just about to have another Hoval unit installed in Summer 2016."

Windsor Castle

Windsor Castle is an official residence of The Queen and the largest occupied castle in the world. A Royal home and fortress for over 900 years, it remains a working palace today.

The Queen uses the Castle both as a private home, where she often spends the weekend, and as a Royal residence at which she undertakes certain formal duties.

Winsor Castle is also a busy visitor attraction with many parts open to the public. The Print Room and Royal Library, for example, house precious drawings,prints, manuscripts and books from the Royal Collection which are displayed in an ever-changing exhibition programme in the Castle's Drawings Gallery.

Many of the Castle's artefacts are sensitive to changes in temperature and humidity, so a responsive and reliable system is critical for the preservation of these national treasures.

Tower Of London

Produced in seven sections, Hoval solved an access issue and provided a 400kW solution to this world-famous fortress.

The Tower of London, officially Her Magesty's Royal Palace and Fortress of the Tower of London, has served as an armoury, a treasury, a menagerie, the home of the Royal Mint, and a public records office, and is thought to have been the home of the Crown Jewels since the early 14th century.

Hoval had a lot of factors to consider when it came to deciding which boilers were needed, and how to get the boilers on site.

The thick limestone walls mean that the temperature inside the building is naturally cool, so a method of producing effective and efficient heating was required. The challenge for Hoval was to install a large scale appliance in the boiler house which is located within a tightly confined basement space.

A bespoke Hoval boiler provided a 400kW solution to these access difficulties. This boiler was produced in seven sections so each segment could be more easily carried through the tight spaces and staircases.

The boiler was then assembled in-situ. Additionally, the special design of the heat exchanger provided maximum output within a compact footprint.

Kensington Palace

Holyrood House

Hoval Educates the Nation

Hoval supplies heating and hot water to many of Britain's distinguished learning establishments.

Harrogate Grammar School

In replacing their ageing boiler plant, Harrogate Grammar School has taken the opportunity to improve energy efficiency and reduce carbon emissions by installing a Hoval STU biomass boiler, backed by two UltraGas® gas-fired condensing boilers.

Harrogate Grammar School is a co-educational, independent Academy Trust with around 1,700 pupils, including a large sixth form. The school has a strong commitment to minimising its environmental impact so the near-carbon-neutral status of biomass heating was an attractive proposition.

The new heating system was specified and installed by G&H Sustainability, which selected Hoval boilers because of their proven quality and reliability. The system comprises a 195kW STU wood pellet biomass boiler, two 350kW UltraGas® condensing boilers and a silo for storing the locally sourced wood pellets. The pellet silo is equipped with a sensor to indicate when a further delivery of fuel is required.

In implementing a biomass-led heating system, Harrogate Grammar School has reduced its carbon emissions considerably, compared to using fossil fuels, and is also eligible for additional revenue through the Government's Renewable Heat Incentive.

The UltraGas® condensing boiler with patented aluFer® heat exchanger delivers the highest efficiency and cost effective performance.
The wide range of boilers matches any customer's requirement.

Ampleforth College

Harrogate Grammar School

Hoval has supplied its CT-plus calorifiers for Eton College, the British independent school, founded in 1440 by King Henry VI. Throughout history, Eton has been known as one of the leading independent schools in the UK boasting many famous alumini, from Hollywood film stars to the leaders of the country.

Eton needed a domestic hot water system which would deliver large volumes at any one time to 25 boys' houses and the main school buildings, including the famous Castle.

Every hour up to 1400 litres of water can be continuously drawn off the domestic hot water system, which was imperative due to the sheer amount of hot water needed in every building.

Hoval CT-plus calorifiers produce domestic hot water as economically and ecologically as possible. Their large heating surface ensures permanent circulation of water through the system and each unit has a fibrous mineral wall and steel jacket which provides optimal insulation.

Hoval is proud of its association with Eton and would like to think that in some small way its domestic hot water provision will continue to enhance the development of tomorrow's leaders.

Stroud School

Whitgift School

Hoval in Higher Education

Newcastle University

In a wide-ranging programme to reduce energy consumption and carbon emissions the University of Newcastle has replaced ageing steam boilers across its 50 acre campus with high efficiency gas-fired boilers from Hoval.

“This has been an extensive upgrade programme, implemented in phases across the campus, which will deliver significant energy and carbon savings for the University,” explained the University’s Project Engineer. In replacing the existing steam boilers it was expected to see a considerable reduction in maintenance costs.

The boiler replacement programme began in 2010, and Hoval was selected as the principal boiler supplier on the basis of product quality & reliability, energy efficiency and lifecycle costings. In addition to boilers, Hoval has supplied a wide range of expansion vessels and pressurisation units.

In the campus’ main boiler house, the most economic and practical option was identified as using four Hoval SR-plus steel shell boilers to feed the low-temperature hot water circuits. Four FS Micron pressurisation units and one PressVal unit with integrated expansion vessels were also installed in this plant room.

In total, Hoval has so far supplied 11 UltraGas® boilers, nine SR-plus boilers, four expansion vessels of various sizes,11 FS Micron pressurisation units and three PressVal pressurisation units with integrated expansion vessels.

Oxford University

Cambridge University

Oxford Brookes University

Cardiff University

Bath Spa University

LSE

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London Landmarks

Hurlingham Club

The Hurlingham Club, which borders the Thames in Fulham, is recognised throughout the world as one of Britain's greatest Private Members' clubs. It retains its quintessentially English traditions and heritage, while at the same time providing modern facilities and services for its members.

Hoval have provided heating and hot water to The Hurlingham Club since 2012 in the form of two of our highly efficient UltraGas® boilers.

The Club offers many sporting and leisure facilities for its members including a Fitness Centre with an Indoor Pool and Gym, a Children's play area, bowls and croquet lawns and 20 outdoor tennis courts.

"We have two Hoval UltraGas® 450 boilers to heat our world-class outdoor swimming pool. The boilers run 365 days of the year and they have been both reliable and efficient. I would highly recommend these boilers"

Keith Larwood, Maintenance Manager
The Hurlingham Club

The Club's magnificent venue space is also available to hire for private events for up to 1,200 people, although you'll have to be patient if you put your name on the waiting list! The rumoured current waiting time to become a member of the club is around thirteen years.

Vauxhall Sky Gardens

Canary Wharf


Hoval
Hoval


Hoval


Hoval


PowerBloc

Hoval helps Central St Giles achieve BREEAM's 'excellent' rating

A Hoval biomass-led solution has championed the urban challenge of bulk wood fuel storage and is providing 3500kW of output in London's West End.

Central Saint Giles is a new 500,000 square foot mixed-use development in the West End of London comprising office and retail space, restaurants and cafés and residential dwellings. It has achieved BREEAM's 'excellent' rating.

At the time of installation, Central Saint Giles was believed to be the largest mixed-use biomass heating project in central London.

The challenge for Hoval was to supply a complete package that would contribute to the overall sustainability of the project.

Due to the urban location, fuel deliveries needed to be minimised and the development's design meant that the extensive fuel storage area was situated very close to the boiler plant. Hoval's innovative design, layout of plant and flexible auger system ensures that the optimum heating configuration could be installed within a relatively small area.

The two STU 800 wood pellet biomass boilers meet 80% of the space heating and domestic hot water loads of the building and at times of peak demand they are supplemented by two SR Plus 700 gas-fired boilers. This combination along with a bespoke Hoval manufactured 30,000 litre buffer vessel, 50 cubic metres of fuel storage and the flexible auger system have proved that biomass projects are a reliable and viable heating option, even in the middle of Town.

The STU is a modulating high efficiency skid mounted commercial wood pellet boiler fitted with external stoker and fuel pick-up system.
The STU ranges from 200kW to 975kW.
A flexi-worm feed screw is available to connect to storage facilities as an alternative if required.

Regents Place

© iaminut/ Shutterstock.com

The Max-3 plus has a three pass design with dimpled tubes on the third pass fitted with additional retarders. This commercial Boiler which runs on gas, oil or dual fuel has a high fire efficiency to 95.2% net and gives low Nox emissions. As such it makes excellent economic and environmental sense.

Bank of England

Coutts Bank

“We’ve been expecting you Mr Bond...”

Hoval boilers provide heating and hot water for the worlds greatest spy.....

The MI6 building located in Vauxhall, London. Headquarters of the SIS since 1994, and home to Hoval boilers.

Despite only being built in 1994, the site itself (which was once Vauxhall Pleasure Gardens) was purchased in 1983, and an office block was built on it. MI6 eventually purchased the building in 1989.

After a major reconstruction of the office block, the MI6 headquarters was eventually completed in April 1994, and was officially opened by Queen Elizabeth II, shortly followed by a visit from Prince Phillip the following July.

The building is located on the River Thames and is an iconic building in London, and in the James Bond films.

Vauxhall Cross has been featured in a number of James Bond films since 1999, being shown in The World is Not Enough, Spectre and Skyfall, where it was even blown up!

A special premiere of The World is Not Enough was held at Vauxhall Cross, especially for MI6 staff.

Pinewood Studios, the home of a multitude of TV shows, Films, James Bond, and Hoval Boilers.

Hoval have provided heating and hot water to the entire studios since 2013, in the form of two of our UltraGas® 200D boilers.

Pinewood Studios is located in Iver Heath, Buckinghamshire, England. Alongside its main stages, the studio also has two specialist TV studios, named TV One and TV Two, complete with integral galleries, TV studio floors, TV lighting grids and SD or HD facilities which are just under 9,000 sq ft. in size.

The 007 stage located at Pinewood is the largest stage at any of the Pinewood Group at 59,000 sq ft, but in 1984, a huge fire destroyed the stage, rendering it unfit for purpose, and the entire building had to be re-built. Hoval have provided boilers for both the current studio as well as the studios destroyed by the fire.

Once it was rebuilt - the stage was re-named Albert R. Broccoli's 007 Stage, and has gone on to accomodate many large productions such as Prince of Persia and Mamma Mia.

Alongside the 007 stage are fifteen other stages, starting at just 1,728 sq ft, to cater for smaller productions and TV filming.

In 2012, Pinewood paid tribute to the late Richard Attenbrough by naming a purpose-built film and television stage after him. The Richard Attenborough Stage has an area of 30,000 sq ft, and it stands opposite the production block named after Stanley Kubrick.

As well as providing heating to the many many sq ft of buildings, Hoval also provides hot water for Pinewood Studios' extensive water filming facilities; the Underwater Stage and the Exterior Tank.

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Hoval partnered with the NHS Since 1948

East Riding Community Hospital

The £19m, 30 bed community hospital in Beverley, East Yorkshire opened its doors at the end of July 2012, replacing the ageing 12 bed Westwood Hospital. It also includes a minor injuries unit and a GP out-of-hours service.

The hospital was constructed under the ProCure21 initiative and Interserve was the lead developer for the project. To meet with NHS low carbon design criteria the design brief included a biomass component from the outset and was put out to tender in compliance with Procure21 procedures. Having considered a number of tenders, Interserve selected Hoval.

The primary boiler is a 425kW STU biomass boiler manufactured at Hoval's factory in Newark, which is designed to meet the base heat loads through the year. This is supplemented by 2 x SR-plus 500 gas-fired boilers which meet peak demands and will meet domestic hot water demand when no space heating is required.

As well as helping the hospital to reduce its carbon emissions, the Hoval STU boiler is eligible for payments under the Renewable Heat Incentive, providing a source of extra revenue for the next 20 years.

The SR-plus is a high efficiency, low NOx boiler ranging from 411 to 4150 kW. It is a well proven steel shell boiler on oil, gas or oil and gas dual fuel.
It can also be offered in a condensing option or stacked heatpack format (from 2 x 500kW). The SR-plus is based on the proven reverse flame pattern of firing ensuring near complete combustion

Manchester Proton Beam Therapy Centre

© Tony Baggett / Shutterstock.com

Great Ormond Street

St Bart's Hospital

Royal London Hospital

Hinchingbrooke Hospital

Westmoreland General Hospital

In upgrading the existing boiler plant at Westmoreland General Hospital in Kendal, consulting engineers Blezard Design & Consult selected three Hoval gas fired steel shell 1750kW SRH boilers.

The existing boilers, which were installed when the hospital was built in the late 1970s, had very high maintenance requirements and were not delivering the required efficiencies.

“A major challenge with this project was to ensure the hospital always had hot water available by ensuring a minimum of two boilers online all the time,” recalled Blezard’s Managing Director Bill Atkinson. “This was achieved through careful scheduling of the works combined with a very high level of planning and co-operation.” he added.

The Hoval medium temperature hot water boilers are used to generate low pressure hot water which serves the entire hospital.

As the mains gas supply in the area is subject to interruption in the winter, dual fuel burners have been used so the hospital can use oil when necessary. New pumps were also installed during the project.

Bill Atkinson continued: “This was far from being a straightforward boiler replacement because of the need to keep the hospital supplied with hot water all times, combined with extensive upgrading throughout the plant room. I was very impressed with the way the Hoval team pulled together to ensure the project went smoothly.”

Rampton Hospital

Newark Hospital

Hoval Heating Solutions... Always on the ball

For two decades one Hoval SR Plus 1750 boiler has provided heat and hot water for Murrayfield.

Murrayfield is the iconic home of the Scottish Rugby Union (SRU) and lies at the heart of Scotland's historic capital city of Edinburgh.

With a seating capacity of more than 67,000 it is the largest stadium in Scotland and also boasts the city's largest banqueting capacity. It is primarily used as a venue for rugby union games and hosts most of Scotland's home internationals.

Murrayfield has also hosted American football, rugby league and associationfootball matches as well as music concerts. Amongst the big names to have performed at the Stadium are Oasis, Bon Jovi and Kings of Leon who wowed a Scottish audience at their sell-out world-tour show in June 2009.

Scottish Rugby set high goals when, back in 1991, they specified continual functionality, maximum output, optimal efficiency and a long life as key requirements for their new boiler.

Hoval's after-sales care and extended warranty also satisfied the contractual demands.

The boiler has remained in-situ since, enduring a £50 million renovation in 1994 and is still going strong. It was refurbished in 2009 and found to require no more than a few spare parts – including a new smoke box and a door hinge.

New Wembley

Old Wembley

© Bucchi Francesco / Shutterstock.com

Emirates Stadium

Wales Millenium Stadium

© Shahid Khan / Shutterstock.com

Manchester City Football Club

Newcastle United Football Club

© ATGImages / Shutterstock.com

Derby County F.C

Derby Velodrome

Rebecca Adlington Swimming Centre

Hoval has provided two STU 425 wood pellet boilers at the Rebecca Adlington Swimming Centre in Mansfield.

Hoval boilers are heating the refurbished swimming pool where Mansfield's double Olympic Gold medallist, Rebecca Adlington OBE first learned to swim.

In March 2009, the Nottinghamshire town's public swimming baths closed its doors to undergo a £5 million redevelopment. A key part of the upgrade brief was aimed at creating a carbon efficient leisure centre. A biomass boiler system was chosen in order to reduce the building's carbon emissions by as much as 4,000 tonnes over a decade.

The boilers provide all the heating and hot water requirements of the leisure facilities, including both the main and training pools and the showers, while the temperature monitoring system maintains the water at 29ºC and the surrounding air at 30ºC.

The pool where Rebecca took her first swimming strokes now reflects her 'gold' standard. It boasts an 'endless' training pool, which allows users to swim against a current and improve their technique and is recommended for elite athletes. In addition to a new public changing village, there are now dedicated changing areas for school, club and disabled swimmers, and a new 44-station state-of-the-art fitness suite and studio. The roof of the pool hall has also been restored to its original 1934 appearance.

Sir Chris Hoy Velodrome

The National Indoor Sports Arena and Sir Chris Hoy Velodrome is one of the biggest indoor sports facilities of its kind in Europe. It is located on a 10.5 hectare site in the East End of Glasgow, close to Celtic Park and the Commonwealth Games Athletes' Village.

The complex includes Scotland's first indoor velodrome with a 250 metre cycle track, which marks the celebrated successes of Sir Chris Hoy and other British cyclists.

The facility is to become the new headquarters of sportscotland, the national sports agency and will also be the administrative base for several other national sports federations.

The high capacity heating and hot water requirements throughout the facility, including the changing rooms and spa areas, are met by 6 Hoval UltraGas® 1000D boilers. These are among the largest in the UltraGas® range.

The specification was based on market leading efficiency and cost effective heating performance delivered by the patented aluFer® heat exchanger.

High output is achieved using multiple boilers with a central controller. UltraGas® boilers are low on emissions due to Ultraclean® combustion. Only basic maintenance is required and intelligent design details make the boilers simple to operate.


KING
POWER
STADIUM


Allianz Arena


BLUES
BCFC


ETIHAD STADIUM

Hoval in Titanic Belfast

UltraGas® boilers have been installed at the famous visitor attraction in Belfast, exploring Belfast's history and shipping background.

Titanic Belfast is a visitor attraction, and monument to Belfast's shipping background. The exhibition tells the story of the ill-fated RMS Titanic, which struck an iceberg on it's maiden voyage to America in 1912, and its sister ships, RMS Olympic and HMHS Brittanic.

Since 2012, Hoval has supplied heating and hot water to Titanic Belfast, in the form of two of our UltraGas® 500 boilers.

The building itself, which is located in the slipways where the Titanic was built, was designed to reflect Belfast's history of ship-making, and boasts a unique angular design resembling the shape of ships' prows.

Standing at 126 feet high, the building is the same size as the Titanic itself, which means the Hoval UltraGas® boilers have to heat an enormous 13,000 square metres of space over eight floors.

The building has a number of galleries exploring different things about the Titanic, the first being the history of Belfast, and what was in the news at the time; the second is the Shipyard, where you take a ride in a mini-car around a replica of the Titanic's rudder. The third is dedicated to the construction of the Titanic, while the fourth and fifth go into great detail about the first part of the voyage, and a large-scale model of different parts of the ship.

The disaster is depicted in the sixth and seventh floors, Images of the disaster are combined with audio of survivors telling their stories and the aftermath. While the eighth gallery is dedicated to Myths and Legends surrounding the ship.

The top floor at the Titanic Belfast plays host to one of Belfast's largest conference and reception spaces, the Titanic Suites, which can host events for up to 12,000 guests.

Speaking about the boilers, Jim Christian, Facilities Manager at Titanic Belfast, said: "Hoval was the preferred choice with the tendering process.

"From installation over four years ago, we have had a trouble-free service, providing an excellent service covering some 13,428 square metres of conditioned space.

"We have been impressed with the reliability and efficiency of these units."

Arts

Wales Millennium Centre

Wales Millennium Centre was opened by Her Majesty the Queen in 2004 and has established its reputation as one of the world's iconic arts and cultural destinations.

The Centre is today one of the most unique and lively performing arts centres in Europe, attracting some 1.5 million visitors every year, making it Wales' No 1 visitor attraction. The building is recognised as an example of best practice in many areas, including its energy saving policies and environmental practices, and was the first independent theatre in the UK to achieve ISO14001.

Wales Millennium Centre has vast areas of public space to be heated but the requirement for heating also extends backstage for rehearsal rooms, dressing rooms, showers, kitchens and offices for the Centre's staff and its eight resident companies.

Almost 5000kW of power are delivered by seven Hoval boilers, comprising two UltraGas® 200, two AtmoGas and three SR Plus 1500 boilers. The boilers are housed separately and are serviced regularly by Hoval engineers to ensure optimal efficiency.

The two UltraGas® 200 and two AtmoGas boilers look after the heating requirements of two resident organisations. They are economical on heating and power because of their large water capacity. The three SR Plus boilers operate up to 92% efficiency levels and provide the heat requirements for the main auditorium.

Tate Britain

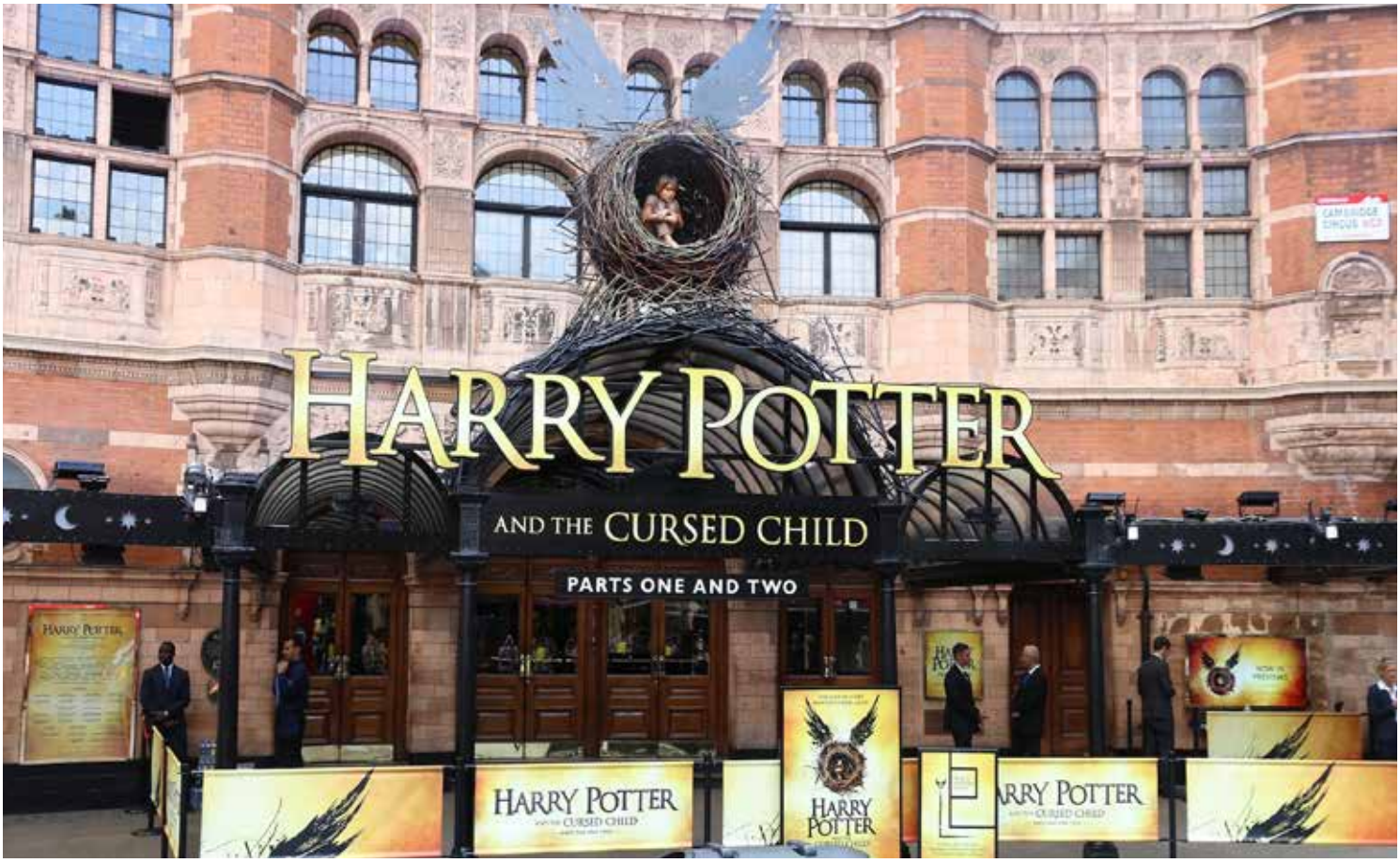
Aberdeen Art Gallery

Royal Shakespeare Company

Manchester Art Gallery

National Gallery

Palace Theatre London



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Hoval Heating Country Homes

Two 150kW STU boilers have significantly decreased carbon dioxide emissions as the National Trust changes from oil to wood at Grade I listed property, Sudbury Hall.

The National Trust replaced two oil fired boilers at Sudbury Hall in Derbyshire with wood pelllet biomass boilers manufactured by Hoval. Sudbury's annual carbon emissions have now dropped by over 52 tonnes to under 12 tonnes.

Many of Sudbury Halls exhibits are sensitive to changes in temperature and humidity so a responsive and reliable space heating system was critical to protecting these national treasures.

Hoval's biomass boilers were identified as the best replacement for the existing oil boilers.

Before the two STU boilers and bespoke pellet hopper could be installed, the safe removal of the oil tank and boilers was necessary.

"The National Trust is committed to installing renewable energy technologies in its properties. The fact that we were able to source both boilers and wood pellets locally also helped to reduce the project's carbon footprint"

Charles Robinson, the National Trust's senior building surveyor.

Sudbury Hall's listed status also meant that no alterations to the external fabric were allowed. In a bold move, a crane lifted the boilers over the building to an inner courtyard and they were manoevred through underground passages to the cellars. Far from child's play, this complex project was completed in just six weeks!

Lyme Park

Wilton House

Harewood House

Keddleston Hall

Dowdeswell Court

St Michaels Mount

Leisure

Centre Parcs Woburn

Hoval has supplied biomass boilers and high efficiency gas-fired boilers to the new Center Parcs Village in Woburn Forest.

Located in a 365 acre forest in Bedfordshire, Woburn Forest opened in Spring 2014 and is the latest Center Parcs Village.

To that end, the heating plant selected by contractors Balfour Beatty Energy Services and installed in the 'Energy Centre' has been selected for its energy-efficient performance. The Energy Centre serves a district heating system that supplies space heating and domestic hot water for the entire site; which includes 625 villas, the swimming pool, spa, sauna, restaurants, laundry and retail outlets.

Base heat load will be met by the two 1200kW Hoval biomass boilers, working in conjunction with combined heat and power plant. The five Hoval 1600kW SR-plus boilers will then be brought into use at times of peak demand.

Pre-fabrication by Balfour Beatty was a key element in the construction schedule and the central Energy Centre was built in prefabricated modules offsite and site assembled. To assist with this Hoval supplied the SR-plus boilers in modular, skid-mounted form; while the larger size of the biomass boilers necessitated onsite installation.

Hoval also worked closely with the project team during the construction and commissioning phase to ensure that all works were co-ordinated to meet the tight completion programme.

Champneys Forest Mere

SECC

© Lesley Rigg / Shutterstock.com

Newbury Racecourse

Warner Brothers Studios

© C007 / Shutterstock.com

Dunfermline Abbey

Somerleyton Hall

Hoval Heating the Country's Hotels

In replacing their existing inefficient boiler, Wooldown Holiday Cottages in Bude have taken the opportunity to improve their heating efficiency and lessen their environmental impact by installing a Hoval BioLyt 36 to heat some of their impressive holiday homes.

Wooldown Holiday Homes was originally a full board guest house bought in 1934, and was switched to self-catering in 1972, and remains so. A total of 16 properties are now operated as self-catering cottages.

The Biolyt 36 is situated in the main building, originally built in 1906, and is being used as a small scale district heating scheme, supplying two holiday apartments within the property with heating, hot water and underfloor heating, and was used to replace an existing boiler which was becoming too costly and inefficient to run.

Rowan Blewett of Wooldown Holiday Homes commented: "Since the installation of the boiler we have not experienced any issues at all, and we have found it to be a reliable and efficient system more than suitable to our demands.

"Due to the natural beauty of the properties, it was important to us that an additional outbuilding was not required, as this would detract from the appearance of the house. Hoval made sure this happened, delivering the components in parts and putting them together on site in the existing basement.

"Another great benefit we have found since utilising the basement of the building for the boiler, is that any extra heat generated from the plant room stays within the building."

Dormy House Hotel

Fishguard Bay Hotel

Eastwood Hall Hotel and Spa

Lucknam Park Hotel

Pennyhill Park Hotel

Pennyhill Park, an Exclusive Hotel & Spa, was first built in 1849, where it served as the home of James Hodges, an accomplished civil engineer. It was then improved in the 1880s to add an Orangery, and again in 1903, and 1935.

Since 1972 it has served as a hotel, and is now part of the Exclusive Hotels and Venues collection.

Pennyhill Park has gone on to win a multitude of awards, from Residential Spa of the Year 2015, to the Bronze Award for the Best Large Hotel in 2015. Most recently, Pennyhill Park won the AA Eco Hotel Group of the Year 2015-16 and Hotel of the Year 2016 awarded by the Cateys.

The stunning, ivy-coated hotel is located on 123 acres of land, just 12 miles away from Windsor Castle.

Since 2015, Hoval have been the proud boiler suppliers for the hotel, providing heating and hot water to its 123 rooms, a high-end Michelin Star restaurant, the stylish Brasserie and Ascot Bar, as well as the 8 swimming pools on offer in the hotel's spa, in the form of one of our UltraGas® boilers.

Rowhill Grange Hotel and Spa

Sysonby Knoll Hotel

Stoke Rochford Hall

Culloden Hotel

Hodsock Priory celebrates 10 years as a wedding venue

On 29th July 2016, George and Katharine Buchanan celebrated 10 years as an exclusive wedding venue.

George Buchanan, owner of Hodsock Priory said: “Having averaged 50 weddings a year with around 80 guests, we’re amazed to think that over 10 years we have welcomed 40,000 joyous people to Hodsock.”

The decision to turn the family home into a stunning wedding venue came after research into various ways to “Save the Priory” following Sir Andrew and Lady Buchanan’s (George’s parents) decision to vacate the main house in 2004-2005.

George and Katharine were keen to use their backgrounds in hospitality, management and catering - so this, paired with their unique venue which offered the combination of history and heritage with sensational gardens and family-run exclusivity - ensured they were on to a winner.

George went on to say: “The very first Hodsock wedding was arranged in the midst of unpacking. A family turned up and asked if we “did weddings”. Their venue had closed down and we showed them around. The house was safe, clean and everything worked. They ‘loved it as it was’ and went on to enjoy a simple wedding with dinner, drinks and dancing before everyone went home”.

Hodsock Priory is licensed for civil marriage ceremonies and caters for wedding receptions and celebration events of various types and sizes.

"Choosing Hoval boilers was the most vital decision we made when modernising Hodsock Priory into a luxury wedding venue"

George Buchanan, owner of Hodsock Priory

As well as celebrating 10 years as an award-winning country house wedding venue, George and Katharine Buchanan can also celebrate the fact that they have improved their heating efficiency by installing 4 Hoval Oil Fired Boilers.

Due to the nature of the building, and the sheer amount of weddings they hold, Hodsock Priory required a large amount of hot water and heating to accommodate the guests they have to stay, events they hold and tourists that visit to see the snowdrops.

The property is well known for the beautiful snowdrops that grow in the Spring, and people from all over the country travel to see them. They are best visited in February when they are in full bloom, and George and Katharine often offer hospitality to those visiting.

George Buchanan of Hodsock Priory said: "Choosing Hoval boilers was the most vital decision we made when modernising Hodsock Priory into a luxury wedding venue.

"A Bride wants a cosy and romantic Bridal Suite and oceans of hot water at any time of day or night when she stays at Hodsock.

Our 4 Hoval boilers make sure we are ready to serve and that the house is warm, welcoming and that we have lots and lots of hot water when we need it."

Hoval are extremely proud to have helped George and Katharine in their 10 years as a wedding venue, and wish them many many more to come!

Hoval

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