



RVTGROUP

PROTECTING PEOPLE AND OUR ENVIRONMENT



RVTGROUP™

rvtgroup.co.uk



RVT Group are hazard control specialists.

Our fully qualified technical consultants will work with you to understand the full scope of your activities, before tailoring you a fully compliant, reliable, efficient and hassle-free solution, designed to protect people and the environment.

Contact Us

0808 281 3150

www.rvtgroup.co.uk

customerservices@rvtgroup.co.uk



Established in 1993





An Introduction to RVT Group

Giving You Peace of Mind From Start to Finish

At RVT Group, we recognise the pressure our customers are under to manage budgets, deadlines, staff, suppliers and day-to-day activities, whilst also ensuring regulatory requirements are adhered to, staff welfare is prioritised, and the environment is protected. It is an immensely stressful balancing act, which is why RVT are on hand to completely remove the hassle from hazard control.

- ✓ Noise Control
- ✓ Dust Control
- ✓ Fume Extraction
- ✓ Environmental Monitoring
- ✓ Ventilation
- ✓ Confined Space Equipment
- ✓ Water Treatment Solutions
- ✓ Heating / Cooling Solutions

At RVT, we don't just provide solutions - we deliver assurance.

Across construction, infrastructure, industry, and defence, we are your trusted partner, offering the expertise, tools, and unwavering support to ensure your success.

Our commitment is simple yet profound: safeguarding your projects, protecting your people, and upholding the highest standards of performance.

By listening, adapting, and delivering with care, we don't just meet your expectations - we exceed them, creating lasting partnerships grounded in reliability and respect.

RVT's mission is to protect the long-term health of people and our environment while taking the hassle out of hazard control

Trusted Partnerships

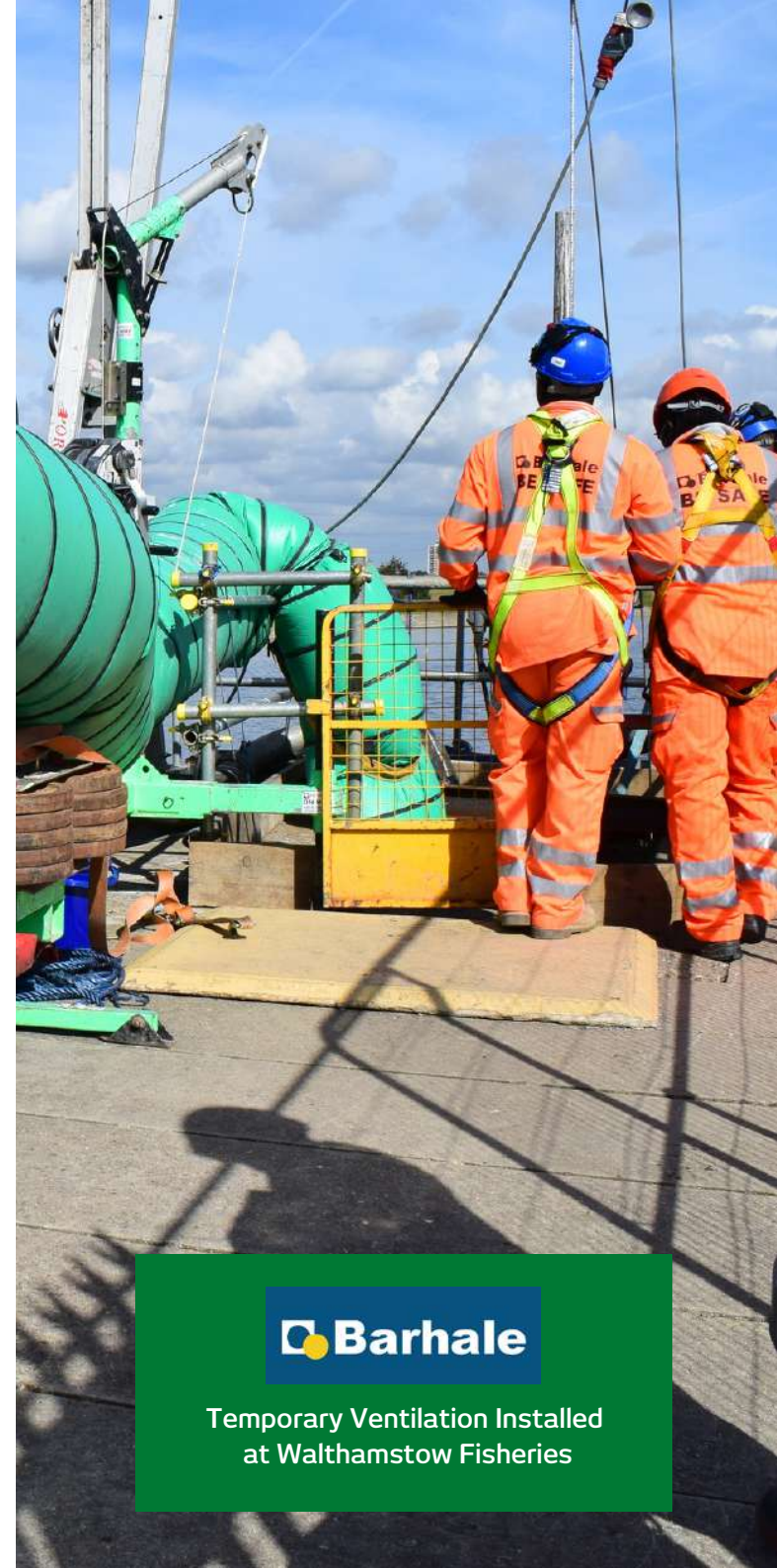
Our Projects

RVT Group have worked with a broad range of customers from a wide variety of sectors. An example of the projects we have supplied equipment to include:

- The Shard - Exhaust fume control during basement excavations
- John Radcliffe Hospital - Negative pressure ventilation during the pandemic
- Papworth Hospital - Heating & drying-out equipment during construction
- Churchill's War Office - Dust control during redevelopment
- Battersea Gas Tunnel - Shaft ventilation during tunnel boring
- King George V Reservoir - Tunnel ventilation during maintenance under AMP6 framework
- HS2 - Ventilation, noise control, monitoring & water treatment at various locations
- A variety of dust and fume extraction projects at UK oil, gas and nuclear facilities
- A variety of ship repair & maintenance projects at UK Naval bases



We also work closely with trade hire desks



 **Barhale**

Temporary Ventilation Installed
at Walthamstow Fisheries

MONITEX® Area Noise Monitor
(Powered by battery pack or solar panel)



SOUNDEX® Cutting Enclosure
(Available with lighting, cutting deck & extraction)



Supporting UK
Defence
Teams

Case Study: Welding & Grinding Extraction on an Amphibious Assault Ship

Overview: This project was based on one of the Royal Navy's Albion class amphibious assault ships. The ship lands Royal Marines and their equipment, including trucks and tanks, ashore by air and sea. The ship was due to undergo a major refurbishment which would include a lot of welding, cutting and grinding activities.

Challenge: Whilst the customer had actively put control measures in place to minimise exposure to hazardous fume and dust, and to ensure adequate air quality inside the work zones, they were struggling to achieve velocities required in accordance with HSG 258, particularly for grinding dust. The customer identified that a more specialist and high pressure extraction system was required in order to ensure the safety of everyone nearby.

Solution: RVT were asked to provide a high performance LEV solution. After assessing and agreeing the requirements, RVT installed RAVEX® Wandafilta Plus Kits with H14 HEPA filters, VENTEX® 200S HP Centrifugal fans, and twin VENTEX® 300M centrifugal fans, to ensure dust and fumes were extracted at source, while providing plenty of general ventilation. As part of the service-package, an engineer regularly visited site during the project to double check the efficiency of the LEV solution and change filters as required.



Keeping our
Industrial
Sector
Going

Case Study: Specialist Dust & Fume Extraction at Leading UK Oil Refinery

Overview: The oil refinery is situated in the North of England and is one of Europe's largest plants. A Shutdown was planned to inspect, repair and improve the Catalytic Cracker Unit (CCU).

Challenge: Workers needed to break out refractory linings within the CCU which were covered with coke (a solid carbon deposit). If not properly controlled, breaking the coke would create harmful dust, putting the maintenance team at risk of lung and pulmonary illnesses. Workers also needed to inspect, grind and weld new material within the CCU to complete the upgrade project, which would create additional airborne contaminants, including harmful welding fumes.

Solution: Before maintenance personnel could enter the CCU, cool air needed to be forced into the stripper unit to reduce the extremely high air temperature to a safe level. RVT's experienced LEV engineers installed Ventex® 450S Centrifugal Fans which forced 20,400m³ of cool air into the unit every hour - this significantly sped up the project timeline. While breaking out the coke, the maintenance team used RVT's Dustex® D4 ATEX Extractors with multiple spigot connections, to ensure that nobody was exposed to harmful dust or fume. The refinery team were especially pleased with RVT's solution, because they managed to finish the project 2 days ahead of schedule, keeping production high and risks low.



Extraction systems installed at a UK oil refinery to safely remove welding fumes across multiple stories



Supporting Rail & Infrastructure Projects

Case Study: Fume and Noise Control During Waterloo Station Upgrade

Overview: The £800 million Waterloo and South West upgrade included stripping out the old international station, removal of lifts, escalators, the reconfiguration and extension of platforms, and the removal of old termination points of the rail line by hydrodemolition.

Challenge: The station needed to function normally, so site operatives, commuters and workers all required protection from hazardous noise and fume.

Solution: The work zone was separated from the public concourse by an effective barrier of SOUNDEX® Acoustic Quilts. To maintain good air quality in the station, bespoke capture hoods captured the fume at source, whilst a VENTEX® 450S Centrifugal Fan was situated in the station's lift shafts.

Client:

SKANSKA



VENTEX® Centrifugal Fan 450S



Protecting UK Environment & Wildlife

Case Study: Bespoke Water Treatment System At Eel Protection Project

Overview: A large-scale project is underway in the UK to support the return of eels to sustainable levels. The project includes the installation of environmentally friendly screens to enable safe journeys for eels and fish.

Challenge: Mott MacDonald Bentley were installing screens at the Ovingham pumping station, and due to how deep the piles needed water treatment to remove silt and sediment and meet their discharge permit requirements.

Solution: RVT Provided Settlement Tanks, Treatment Tanks, Dosing Units, holding tanks, chemicals, water monitors and more to treat the water so that it met the Environmental Agency's discharge permit requirements. Plus SOUNDEX® Acoustic Quilts to protect the nearby environment.

Client:

Bentley
MMB MOTT MACDONALD BENTLEY



EnviroHub® Water Treatment Lamella Settlement Tank



RVT provided air quality monitoring systems and water treatment systems at HS2 Chiltern Tunnel



Innovative Solutions

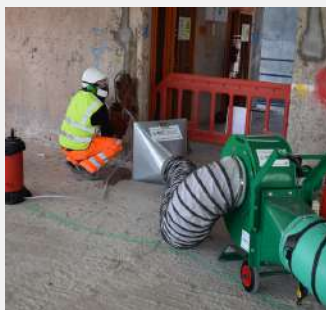
Explore the Different Types of Solutions Available from RVT Group

DUSTEX® Dust Control Solutions

RVT Group are well known as a leading LEV specialist. We have an in-house R&D team who continuously research new technology to ensure our units give the best airflow, pressure & filtration.

RVT offer a wide range of dust control equipment, including; dust extractors, HEPA filtration units, industrial vacuums, portable LEV units, negative pressure dust containment systems and water mist cannons.

Whether you are drilling, sanding, cutting or blasting, we will have a dust control solution to suit your needs.



RAVEX® Fume Control Solutions

Short-term exposure to hazardous substances can cause sickness, dizziness and fatigue, but long-term exposure could lead to fatal illnesses such as lung disease, heart disease or cancer.

Our RAVEX® fume control range offers solutions for welding fumes, soldering fumes, paint spraying, solvent vapours, carbon fume, diesel exhaust emissions, gases, chemicals, hot works and other VOCs.

RVT offer a wide range of LEV systems, spark arrestors and ATEX certified equipment; speak to one of our consultants to learn more.



Scan QR Code
To Send Us
Your Enquiry



VENTEX® Ventilation Solutions

When working in enclosed spaces, such as warehouses, basements, tunnels, tanks, silos and shafts, poor air quality can put the health of your workers at risk.

RVT offer a wide range of industrial sized ventilation equipment, including axial fans, centrifugal fans, ATEX fans and mixed-flow fans, with airflows of up to 120,000m³/h. Positive pressure can be used to force fresh air deep into enclosed spaces, alternatively negative pressure can be used to extract contaminated air out of a work area. Whether you need high pressure ventilation or high volume airflow, RVT can offer a best practice ventilation solution.



Confined Space Equipment

The Confined Space Regulation 1997 defines a confined space as; "any place, including any chamber, tank, vat, silo, pit, trench, pipe, sewer, flue, well or other similar space in which, by virtue of its enclosed nature, there arises a reasonably foreseeable specified risk".

When entering a confined space, it is important to follow your Safe System of Work and ensure you are using appropriate safety equipment. RVT Group offer; harnesses, winches, tripods, fall arrest kits, ATEX lighting, ATEX fans, gas monitors, escape equipment and ventilation systems.



Can't Find What You Are Looking For?

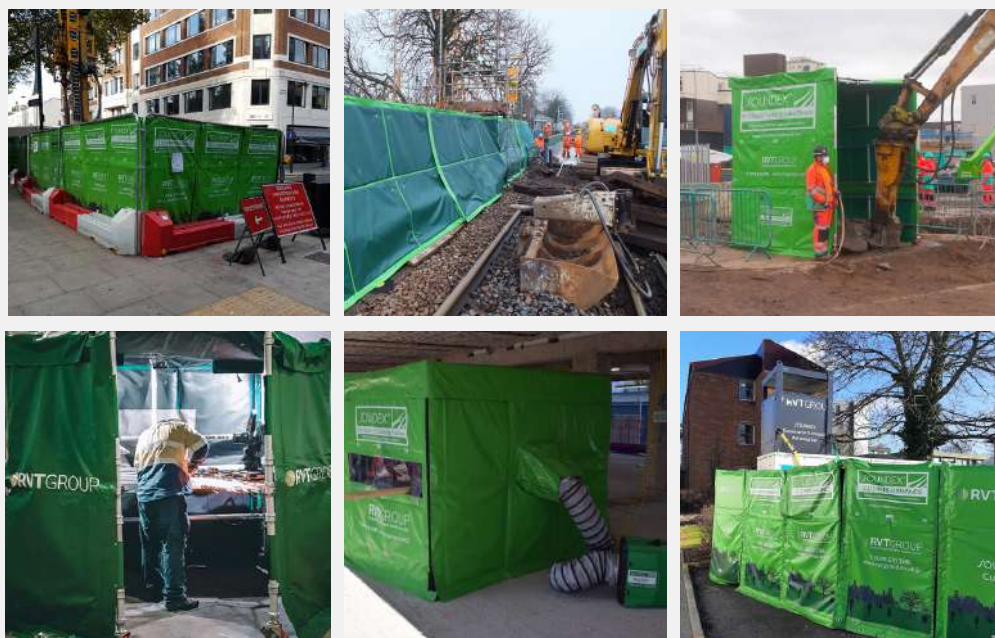
This is just a small selection of what we offer - Ask us for more information!

SOUNDEX® Noise Control Solutions

Excessive noise can make warnings harder to hear, interfere with communications and lead to a range of long-term medical conditions.

Our SOUNDEX® range includes acoustic barriers, cutting stations, maintenance enclosures and machinery surrounds, to reduce noise levels from noisy machinery from pneumatic drills to generators and everything in-between.

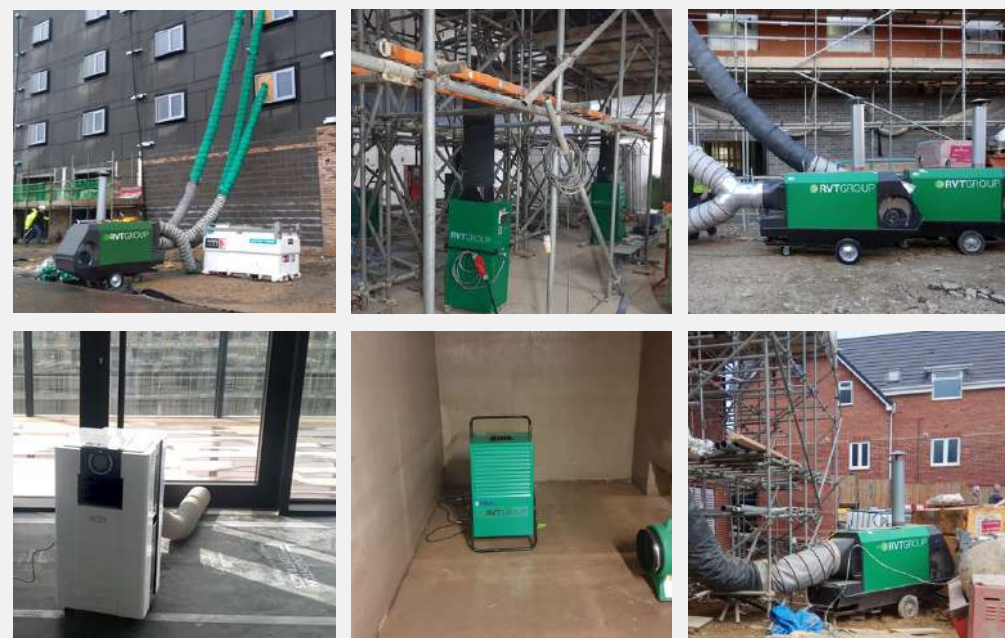
Your project needs to shield people living and working nearby from loud noise, otherwise you could be served with a noise abatement notice.



CLIMEX® Heating and Cooling Solutions

RVT offer a wide range of climate control equipment for hire, including: evaporative coolers, air-conditioning units, floor fans, dehumidifiers, electric fan heaters, indirect oil-fired heaters, air distribution kits, temperature and humidity monitors and remote thermostats.

Our CLIMEX® heaters are ideal for drying-out damp buildings or raising the ambient temperature in a work space. Our electric heaters range from 3kW to 18kW and our oil-fired heaters range from 65kW to 200kW. All of our oil-fired heaters are compatible with Green D+ HVO fuel.



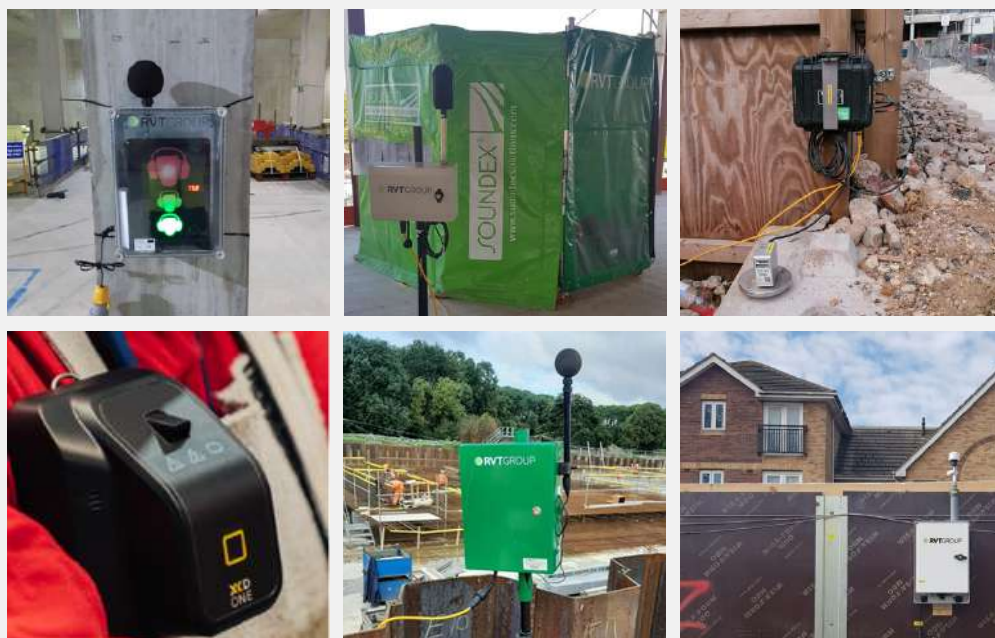
Scan QR Code
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Your Enquiry



MONITEX® Monitoring

Our Monitoring division provides automated environmental and personal monitoring equipment tailored for industry needs. We supply and install a full range of monitoring equipment, including; dust monitors, noise monitors, vibration monitors and gas monitors.

The measurements provided by these sensors can be accessed via an online portal which provides a real-time picture of the environment or the condition of a structure. This data can act as an early indicator of potential problems or as evidence that project work has not had a negative impact on people, structures or the environment.



EnviroHub® Water Management Solutions

When carrying out works on your project, water can become mixed with sand, silt, clay, concrete, oils, metals and other pollutants. These pollutants are damaging to our ecosystem if discharged into the environment; it is therefore important for us to manage water in the correct way and in-line with Environmental permits.

Our range of EnviroHub® Water Treatment solutions include; Lamella Settlement Tanks, pH Treatment Tanks and Concrete Washouts. EnviroHub® is designed to be a fully compliant, hassle free, water management solution that works for every industry!



It's All Part of The Package!

RVT Don't Just Offer Products - We offer a Complete Service

So, How Does It Work?

1

Discuss: You contact us with your challenge by phone, e-mail or through our website. We then ask you a series of questions to understand as much about the project as possible, and if required, we send one of our technical consultants to site, to ensure it is scoped correctly.

2

Plan: Once we have all the information we need, our team begin developing a proposal for a fully compliant, reliable, and efficient hazard control solution. Depending on how complex your project is, we may supply you with a few different proposals containing drawings and calculations. We will then talk you through the options, either on the phone or at a face-to-face meeting. This step is very important because our number one priority is to deliver you a solution that aligns with your priorities. Again, depending on the complexity of the project, we can quote for a 'drop-and-go' service, a part-installed service, a fully commissioned service, or a fully commissioned service with ongoing engineer support. The bottom line is that we can offer you as much or as little support as you require.

3

Execute: Once you are happy with the proposal, we ask you to issue us with a PO and confirm what date you require the systems on site. We will calculate the RAMs and organise the logistics. We will then work with your teams to ensure we have all of the necessary clearances to begin work. You will have access to our technical support team from the very start to very end of your project (by phone or in person) - ensuring that any problems are resolved immediately so that you do not experience any down time.

**The value we provide isn't just in the products we supply,
but in the consultancy service we wrap around them.**



Why Work with RVT Group?

Peace of Mind and Quality Assured

We know that our customers are looking for highly competent specialist suppliers who can offer compliance, reliability, efficiency, and seamless execution.

And this is exactly what RVT Group offer. We provide hassle-free hazard control solutions - Enabling you to focus on the bigger picture!

- ✓ Hazard control solutions that are fully compliant with legislation
- ✓ Best practice advice from highly experienced and qualified consultants
- ✓ Extremely effective solutions, tailored to your project requirements
- ✓ High quality, robust and reliable equipment, serviced and tested between each hire
- ✓ Next day delivery and installation service available
- ✓ Responsive customer service and access to technical support
- ✓ Your project remains on track and within budget
- ✓ Most importantly, people and the environment remain protected

If you would like to discuss a project, please call us on 0808 178 3286.

Enquiries can be submitted to enquiries@rvtgroup.co.uk.

For product information or best practice papers, please visit www.rvtgroup.co.uk.

Providing Support Across All UK Sectors



Construction



Infrastructure



Industry



Defence



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Charities We Support



Certificates & Accreditations



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RVT Group also have offices in Australia and the USA.