



Your Centre of Excellence for

Rail



RVTRENTAVENT
EXCELLENCE IN ENVIRONMENTAL CONTROL

On-time delivery

Control

Safety

Insight

Zero
accidents

Your Centre of Excellence for

Rail

HSE legislation and public pressure are having an increased impact on how, where and when rail infrastructure works are carried out, so it is of critical importance for contractors to ensure they have adequate air quality and environmental control measures in place at every stage of their works programme.

RVT Rentavent's innovative, flexible and tailored solutions are protecting workforces, enhancing existing high standards in HSE control and enabling better relationships to be built with Local Authorities and the general public.

Vast sector expertise

Cost-efficiency

The broadest product range



Rail train depot Noise control

A railway depot needed to remain fully operational whilst train carriage service pits were broken out, back filled and replaced with high-level tracks. RVT Rentavent erected a bespoke SOUNDEX™ noise barrier around the works to minimise the noise impact on operational staff.



Steel bridge structure refurbishment Heating control

To keep Network Rail's steel bridge refurbishment programme on schedule, projects are often completed during winter. RVT Rentavent provided indirect oil fired dry heat into encapsulated structures to maintain correct temperature and ensure the paint curing process wasn't impacted by cold weather.



Rail tunnel blockade Ventilation control

RVT Rentavent was challenged with ventilating a two-track railway tunnel without blocking the running lines and within the time constraints of short-term possessions. An innovative solution was devised using a single powerful fan resulting in strong airflows being felt even a mile into the tunnel.



Steel bridge structure refurbishment Dust control

Many bridge structures are strengthened and repainted to extend their life span as this is an economical option to complete renewal. The repainting process often requires bridges to be encapsulated to enable removal of old paint which sometimes contains lead. RVT Rentavent ensure a safe working environment and maintain visibility within the encapsulated structure using the powerful CLEARBLAST™ units with HEPA filtration to extract and filter the dust produced during the blasting process.

We put more in so you get more out

RVT Rentavent provides temporary air quality and environmental solutions that control dust, fumes, noise, stale air, heat and moisture in the most critical working environments.

We know that what we provide our customers with is just as important as what we take away – our sector-specific knowledge and expertise, our innovative approach to problem solving, unrivalled levels of service and a proven track record on world-class projects all combine to make us a true 'centre of excellence'.

The main station has an enclosed roof which, when we started breaking the existing floor, we were told to stop due to safety issues as the station staff could not hear any evacuation announcements. Once we installed the acoustic enclosure the decibels were reduced dramatically and they were able to hear the announcements.

Responsibility

Can-do attitude

Minimum disruption

Cost-efficiency

Certainty

Understanding

Tailored solutions



DUST CONTROL SOLUTIONS DUSTEX™

- ✓ Dust containment during blasting of encapsulated bridges.
- ✓ Dust control for ballast operations during track renewals.
- ✓ Dust extraction during wall and floor tile replacements in London Underground and mainline stations.
- ✓ Dust control during cement mixing operations for track and sleeper renewals on the London Underground and during station refurbishments.



NOISE CONTROL SOLUTIONS SOUNDEX™

- ✓ Noise control for replacement of chair screws and rail cutting during night-time possessions.
- ✓ Noise suppression for generators on platforms and stations during night-time maintenance.



VENTILATION CONTROL SOLUTIONS VENTEX™

- ✓ Ventilation control for tunnels during temporary blockades.
- ✓ Ventilation of tunnels and shafts during major infrastructure projects including Crossrail.



EXHAUST FUME CONTROL SOLUTIONS RAVEX™

- ✓ Exhaust fume control for rail-road vehicles (RRVs) during tunnel blockades.
- ✓ Control of exhaust fumes from generators in the London Underground during possessions.
- ✓ Extraction of diesel train fume build up within covered stations during roof refurbishments.



FUME CONTROL SOLUTIONS RAVEX™

- ✓ Fume extraction during welding and painting on the London Underground.
- ✓ Paint fume extraction for encapsulated bridges.
- ✓ Paint fume control during station refurbishment programmes.



HEATING & DRYING CONTROL SOLUTIONS

- ✓ Temporary heating of encapsulated bridges to allow for paint curing processes during the winter months.

Ongoing support
and advice

The broadest
product range

Giving you **what you need,** removing **what you don't**

We're committed to delivering 'Excellence in Environmental Control' for the Rail Sector. Whatever sector you're working in, and however demanding your responsibilities, you can be confident that RVT Rentavent will help you overcome your challenges.



Make the right decision

- ✔ Solving problems with innovative, tailored and cost-effective solutions.
- ✔ Working closely with you and sharing knowledge and expertise to get the best outcome.
- ✔ Achieving a balance between compliance and cost without compromising on safety.



Total peace of mind

- ✔ Ensuring projects are delivered safely, efficiently, on time and to budget.
- ✔ Providing solutions that are guaranteed to work and demonstrate value for money.
- ✔ Avoiding unnecessary delays and allowing you to get on with day-to-day tasks.



Safe in the knowledge

- ✔ Ensuring workforces and those around them are protected at all times.
- ✔ Complying with the strictest HSE legislation, ISO regulations and company policy.
- ✔ Meeting your 'Zero Accident' target and keeping RIDDORS to a minimum.



World-class solutions for world-class success

We're focused on delivering our promises and firmly believe that a team with a real can-do attitude can achieve anything. It's this attitude that lies at the heart of everything we do.

With a track record of success on some of the world's most prestigious projects we ensure customers keep working efficiently and effectively and get the job done safely in every sector from Construction, Rail, Retail and Marine to Water Schemes, Civils & Utilities, Healthcare and Industry.

Contact us to find out how RVT Rentavent can help you overcome your next challenge in the Rail Sector on **+44 (0) 844 324 0601**

.....
DUST CONTROL SOLUTIONS
DUSTEX™

.....
NOISE CONTROL SOLUTIONS
SOUNDEX™

.....
VENTILATION CONTROL SOLUTIONS
VENTEX™

.....
EXHAUST FUME CONTROL SOLUTIONS
RAVEX™

.....
FUME CONTROL SOLUTIONS
RAVEX™

.....
HEATING & DRYING CONTROL SOLUTIONS

.....
COOLING CONTROL SOLUTIONS
.....



RVTRENTAVENT
EXCELLENCE IN ENVIRONMENTAL CONTROL



**INVESTORS
IN PEOPLE**



Download sector-specific case studies
at www.rvtrentavent.com/case-studies
or contact us to find out how RVT Rentavent
can help you overcome your next
challenge in the Rail Sector on
+44 (0) 844 324 0601



Prospect House
Riverside Way
Dartford
Kent
DA1 5BS

T. +44 (0) 844 324 0601
F. +44 (0) 844 324 0602
E. info@rvtrentavent.com
www.rvtrentavent.com