



Bioquell® RBDS

A fully managed Rapid
Bio Decontamination Service



GLOBAL EXPERTS IN
CONTAMINATION CONTROL

Bioquell® RBDS



Who are we?

Bioquell's RBDS service, provided by Ecolab, has delivered hydrogen peroxide vapor bio-decontamination services to the life sciences, healthcare, animal health and food preparation markets for over 20 years.
If the environment can be sealed, it can be bio-decontaminated.

Our dedicated team of specialized technicians utilize our own proprietary technology and know-how to ensure that all of our services are safe, effective and tailored to meet your timescales.

As part of Ecolab, we are able to provide you with disinfection and bio-decontamination solutions for every step of your process ensuring your product quality and compliance is maintained to the highest standard.

Components



1 Vaporizers are placed strategically to emit the vapor and can be networked with multiple vaporizers to cover large volume areas.

2 Aeration and distribution units help efficiently spread the vapor at the start of the cycle and quickly remove it during the aeration stage.

3 Control panel networks multiple vaporizers, environmental monitoring equipment (not pictured), and aeration units from a single device.

4 Portable hydrogen peroxide vapor detectors are used to constantly monitor the occupied areas to ensure process safety.



Why call us?

1

REGULATORY COMPLIANCE

All of our systems and consumables are compliant with the relevant regulations in force, where applicable.

Our dedicated regulatory team ensure that we operate in compliance with all applicable laws.

2

KNOWN RESULTS

RBDS offers a verified result using *Geobacillus stearothermophilus* biological indicators to a 6-log sporicidal kill.

Our unique technology and 20+ years of service provision ensure we can provide the right solution for your expressed needs.

3

GLOBAL SOLUTION

Operational hubs in Europe, Asia and North America support our dedicated equipment and service delivery teams.

Other regional teams allow rapid response for emergency and smaller scale bio-decontaminations.

When to call us?



Ad hoc requirements / emergencies

Whether a contamination event or a new facility, RBDS can respond rapidly for a one off bio-decontamination to reset your environmental bio-burden.



Regular bio-decontaminations

RBDS can provide significant savings when switching between production runs or following maintenance periods. Longer term contracts allow efficiency and cost to be optimized.

Equally, RBDS can be used as a rotational sporicide to help with Annex 1 compliance.



Dedicated response

As part of your contamination control strategy, and to help compliance with GMP Annex 1, we will compile dedicated facility recovery plans, known response times / results and regular preparedness meetings. Dedicated equipment can be placed on your site to ensure rapid response.



1 Initial call & consultancy

Establishing project scope & definition, key aims, time scales and restrictions, with the possibility of a site visit & survey to engage with all stakeholders and tailor proposed strategy to fit site reality.



2 Documentation

Full document pack compiled including Risk Assessment and Method Statement (RAMS), statement of works and optimization guidance.



3 Scheduling

Deployment plans finalized, resources allocated and contractual documents agreed.



4 Allocation & deployment

The allocation and deployment of trained, experienced technicians and calibrated equipment. They arrive on site, place equipment and indicators, and effect the bio-decontamination process.



5 Results interpretation & reporting

Chemical indicator readings and a preliminary reporting documentation are issued prior to a final report that includes biological indicator incubation results and a bio-decontamination certificate.



With a dedicated response contract, steps 1 - 4 can be done in less than 24hrs

Dedicated response contracts allow all pre-planning and documentation to be completed and approved on our customer's QMS system. These contracts also allow for dedicated equipment to be placed on our customer's site to ensure a bio-decontamination can be performed in a known and guaranteed response time.



Regulatory compliance

Annex 1 support

Ecolab's Bioquell Rapid Bio Decontamination Service (RBDS) provides a means of complying with a number of specific clauses in Annex 1, in particular around the use of a rotational sporicide and compliance with bio-decontamination requirements as detailed in sections 4:34, 4:33 and 9:13. It should also be included as part of a customer's Contamination Control Strategy (CCS) to enable quick reaction to any contamination events.

The periodic use of a sporicidal agent



The creation of remedial action plans as part of your overall CCS

The provision of facility bio-decontamination

Our dedicated team of subject matter experts will help you identify your Annex 1 and regulatory compliance needs. We will tailor a solution, from a simple document pack to a full product offering, to meet your ongoing requirements.

For more information contact your Ecolab Account Manager

USE BIOQUELL PRODUCTS SAFELY. ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE.

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EPA registration

- ▶ Registered as a Sterilant with the EPA
- ▶ Bioquell Hydrogen Peroxide Sterilant (EPA Registration Number: 72372-1-86703)



EU authorization

- ▶ Union Authorization in place for all EU countries covering:
 - PT2 – Public spaces & rooms
 - PT3 – Veterinary applications
 - PT4 – Food and feed areas
- ▶ Approval for use of Bioquell reagents in Bioquell equipment



Many other registrations

- ▶ Registrations in place in all of our operational territories i.e.:
 - Health Canada*
 - TGA Australia

*Bioquell HPV-AQ, DIN # 02423014

