

LABORATORY SERVICES



ADVANCED BIOLOGICAL,
CHEMICAL & RADIOLOGICAL
LABORATORY SOLUTIONS

www.beets.ae

ABOUT BEETS

BEETS – Emirates Environment Technologies & Services is an Emirati environmental solutions company delivering specialized services across environmental engineering, laboratory services, NORM management, wastewater treatment, waste management, remediation, construction, and environmental infrastructure sectors.

Our mission is to combine scientific expertise, innovative technology, and sustainable practices to help clients achieve environmental compliance, operational excellence, and long-term sustainability.



We work alongside businesses to deliver practical, scalable environmental solutions that create real, measurable impact.

PRECISION ANALYSIS. RELIABLE RESULTS.

At BEETS – Emirates Environment Technologies & Services, our laboratory division provides comprehensive environmental, chemical, and radiological laboratory services designed to support industrial operations, environmental projects, regulatory compliance, and research initiatives.

Combining advanced instrumentation, technical expertise, and internationally recognized quality standards, our laboratories deliver accurate, reliable, and timely analytical results for clients across the environmental, oil & gas, industrial, energy, and infrastructure sectors.

From sample collection and laboratory testing to equipment calibration, waste characterization, and radiological monitoring, BEETS provides integrated laboratory solutions that support informed decision-making and environmental stewardship.



LABORATORY ANALYSIS & TESTING

BEETS provides a broad range of analytical services for environmental, industrial, and operational requirements.

Our testing capabilities include:

- Environmental sample analysis
- Water quality testing
- Wastewater analysis
- Soil characterization
- Sludge analysis
- Chemical waste identification
- Hazardous waste characterization
- Industrial process monitoring
- Contamination assessments
- Environmental compliance testing

Our laboratory specialists utilize advanced analytical methodologies to ensure precision, consistency, and regulatory compliance.

Chemical Management Services

Proper chemical management is essential for maintaining safety, operational efficiency, and environmental compliance.

BEETS provides:

- Chemical identification and classification
- Inventory management support
- Packaging and re-packaging services
- Labelling and documentation
- Transportation compliance support
- Chemical storage assessments
- Hazardous materials management

Our experienced technical personnel ensure chemicals are managed according to applicable regulations and industry best practices.



At BEETS, quality and safety form the foundation of every laboratory service we provide.

Our laboratories operate under strict quality control procedures designed to ensure an accurate and reliable results with regulatory compliance, operational integrity and environmental protection with safety and continuous improvement.

Laboratory Waste Management

BEETS delivers integrated laboratory waste management solutions designed to safely handle and process laboratory-generated waste streams.

Services include:

- Laboratory waste collection
- Hazardous waste management
- Chemical waste segregation
- Waste transportation
- Recycling and recovery solutions
- Treatment and disposal services
- Compliance documentation

Our focus is on minimizing environmental impact while maximizing resource recovery and sustainable waste management practices.

Laboratory Decontamination & Relocation

Laboratory facilities often require specialized decontamination, decommissioning, and relocation services during upgrades, closures, or redevelopment projects.

BEETS provides:

- Chemical decontamination
- Biological decontamination
- Radiological decontamination
- Facility decommissioning
- Laboratory relocation services
- Equipment dismantling and installation
- Site restoration
- Hazardous material removal
- Project management and supervision

Our project teams ensure safe, efficient, and compliant execution with minimal operational disruption.

Radiological Services

BEETS provides specialized radiological laboratory and monitoring services to support NORM, environmental, industrial, and research applications.

Our radiological capabilities include:

- Radiation monitoring
- Radiological analysis
- NORM assessments
- Radiation protection support
- Dose rate measurements
- Contamination surveys
- Radiation safety consultancy

These services support regulatory compliance while ensuring the protection of personnel and the environment.



Emergency Response & Recovery

Unexpected incidents can impact laboratory operations and environmental safety.

BEETS offers emergency response services including:

- Chemical spill response
- Environmental incident management
- Laboratory contamination cleanup
- Fire and flood recovery support
- Hazardous material containment
- Site restoration services

Our rapid-response teams help clients safely recover operations while minimizing environmental and operational risks.

Calibration & Instrumentation Services

Accurate monitoring equipment is critical for maintaining operational safety and measurement reliability.

BEETS offers professional calibration, maintenance, testing, and repair services for radiological instrumentation and monitoring equipment.

Services include:

- Radiation monitor calibration
- Dose rate meter calibration
- Alpha/Beta contamination monitor testing
- Instrument maintenance
- Equipment certification
- Functional performance testing
- Radiation equipment repair

All calibration and testing activities are performed using recognized industry standards and quality assurance procedures.

Equipment Sales & Rental

To support operational flexibility, BEETS provides equipment supply and rental solutions for environmental and radiological applications.

Available solutions include:

- Radiation monitoring equipment
- Dose rate meters
- Contamination monitors
- Environmental monitoring devices
- Laboratory instrumentation
- Temporary project equipment rental

Our team assists clients in selecting the most suitable equipment for their operational and compliance requirements.

Cleanroom Solutions

We specialize in the design, construction, installation, and commissioning of advanced cleanroom and glovebox facilities for industrial, environmental, radiological, pharmaceutical, research, and high-containment applications.

Applications include:

- Pharmaceutical facilities
- Biotechnology laboratories
- Medical device manufacturing
- Semiconductor facilities
- Environmental laboratories
- Research institutions

Services include:

- Cleanroom design
- HVAC integration
- Air filtration systems
- HEPA & ULPA filtration
- Cleanroom certification
- Environmental monitoring
- Performance validation
- Maintenance & servicing



Glove Box Systems

BEETS provides specialized glove box solutions for applications requiring controlled, isolated, and contamination-free environments.

Applications include:

- Radiological handling
- NORM sample preparation
- Hazardous material processing
- Chemical research
- Pharmaceutical manufacturing
- Environmental testing laboratories

Services include:

- Glove box design & specification
- Supply & installation
- Negative pressure systems
- Positive pressure systems
- Inert atmosphere glove boxes
- Radiation-shielded glove boxes
- Maintenance & calibration
- Operator training

Fume Hood Systems

Safe handling of hazardous substances requires reliable containment systems.

BEETS provides:

- Chemical fume hoods
- Radioisotope fume hoods
- Ducted fume hood systems
- Ductless filtration systems
- Laboratory exhaust systems
- Testing & certification
- Maintenance & replacement

Laboratory Safety Systems

Safety remains at the core of every laboratory operation.

BEETS provides:

- Biosafety solutions
- Radiological safety systems
- Emergency shower systems
- Eyewash stations
- Laboratory ventilation systems
- Gas detection systems
- Fire suppression integration
- Laboratory safety audits

Training & Technical Support

To ensure safe and efficient laboratory operations, BEETS provides:

- Laboratory safety training
- Radiation protection training
- NORM awareness programs
- Instrument operation training
- Calibration workshops
- Environmental compliance training
- Technical support services

SERVICES & CAPABILITIES

BEETS provides integrated laboratory solutions including:



Environmental
Testing



Chemical
Analysis



Waste
Characterization



Radiological
Services



Calibration
Services



Instrumentation
Support



Laboratory Waste
Management



Decontamination &
Decommissioning



Emergency
Response Services



Equipment Sales
& Rental



For us, environmental responsibility is not a checkbox, it's a commitment to protecting people, preserving resources, and shaping **a more sustainable future for the GCC region & globally!**

CERTIFIED BY



BEETS-EMIRATES ENVIRONMENT TECHNOLOGIES & SERVICES

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