

INTRODUCTION

Esco Services takes professional pride in ensuring compliance with legal guidelines and ISO standards while helping your company minimize disruption or downtime of equipment; thus improving your company's productivity.

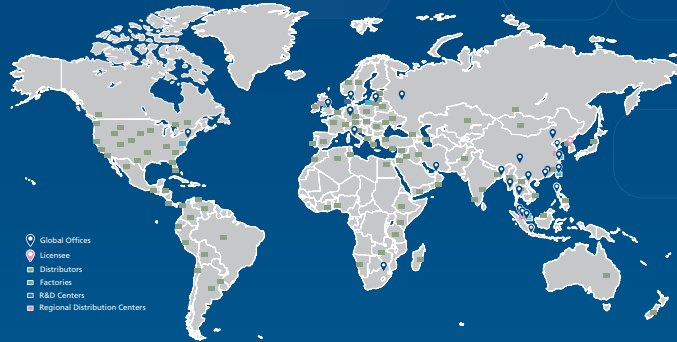
With a strong global network of field service engineers, we provide comprehensive and reliable services to our clients that include dependable inventory of ready parts, technical support, field-based engineering, factory engineers, and after-sales representatives.

Our field service engineers have extensive experience and undergo up-to-date trainings. Globally, we have field service representatives who are NSF, TUV-NORD, NEBB, IFBA and CETA-CNBT certified who are able to service many kinds of equipment

Esco is your choice for Life Science, Cleanroom, Pharmaceutical, and Medical Laboratory Services.



ESCO GLOBAL NETWORK 42 LOCATIONS IN 21 COUNTRIES ALL OVER THE WORLD



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Esco Lifesciences

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Decontamination Service



www.escolifesciences.com



DECONTAMINATION/FUMIGATION

Proper operation of Esco products usually requires periodic maintenance and decontamination in accordance with common standard operating procedures and recognized laboratory safety protocols.

Decontamination is a process that reduces contaminants to acceptable levels in laboratory equipment, such as Biosafety Cabinet and CO₂ Incubators. It guarantees ready and safe usage of equipment after installation, relocation, or filter replacement.

This service is also done in hospitals or laboratory rooms to help reduce pathogens on surfaces by using formaldehyde, hydrogen peroxide or other agents. It is only carried out by trained personnel with proper knowledge and equipment.

Esco NSF certified technicians are accredited to perform various decontamination or fumigation procedures, per NSF 49 and International Standards.



What equipment or facilities require decontamination/fumigation?

- Biological Safety Cabinet
- CO₂ Incubator
- Filter Housings / Boxes (Exhaust HEPA/ULPA filter)
- Microbiological Laboratory
- Cleanroom

EQUIPMENT DECONTAMINATION

For biological safety cabinets and other standalone equipment such as incubators, the following sterilants used for gaseous decontamination:

- Chlorine Dioxide
- Hydrogen Peroxide Vapour
- Formaldehyde (if requested by the client due to specific circumstances)



ROOM DECONTAMINATION

For areas such as BSL2 and BSL3 containment rooms and exhaust HEPA/ULPA filter housings, the following sterilants used for gaseous decontamination:

- Hydrogen Peroxide Vapour
- Formaldehyde



Contamination affects personnel or patient safety, research, and production. We offer contamination remediation for controlled environments that can address your specific needs, minimize downtime, and ensure bioburden reduction levels are met to get your operation back up and running. Our project team has hundreds of hours of field experience managing and facilitating projects ranging from small pieces of equipment such as incubators and biological safety cabinets to small research and BSL-2 labs all the way to entire facilities.

Our solutions include:

- Vaporized Hydrogen Peroxide (VHP)
- Chlorine Dioxide
- Paraformaldehyde
- Preoccupancy / Change in Research / Full Facility Decommissioning
- Animal Vivarium
- BSL3 Laboratory
- Biological Indicators to validate decontamination