
Decontamination Services

Decontamination Services

Air Safe, LLC. performs biological decontaminations for equipment such as biological safety cabinets , isolators , incubators, cold rooms, animal rooms and caging systems , as well as entire BSL suites.

The most cost effective form of decontamination for most small and medium systems utilize formaldehyde as the decontaminant. Other forms of decontamination include VHP (Vapor Hydrogen Peroxide), chlorine dioxide, methyl bromide, systematic fogging and manual spraying and wiping of exposed surfaces. There are pros and cons to each type of decontamination, and we can assist you in determining which method would be most beneficial for your environment.

If you work with potentially harmful pathogens or other materials in your hood, DO NOT let your maintenance staff perform any internal maintenance on the hood. The hood must be decontaminated prior to any internal maintenance or repairs. All biological safety cabinets should have the appropriate signage denoting all possible hazards within the unit.

If your decontamination needs are small or large, we have the materials and equipment to handle it. Our response time to emergency critical situations is often within 24 hours. Typical decontamination periods are performed overnight for effective reduction in viable organisms.

Please note: If an entire room or many rooms are to be decontaminated the facilities must be leak free. It is important to understand when performing large scale decontamination this fact. Many owners of building and labs may think their room or lab is air tight, but once a decontamination is commenced it is easily determined that the room is not completely sealed. There are various methods to determine a facilities "tightness". Air Safe can utilize tracer gas in order to determine problem areas concerning facility leakage.

It is paramount that the individual(s) performing the decontaminations are educated and very experienced in the entire process to assure safety.

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