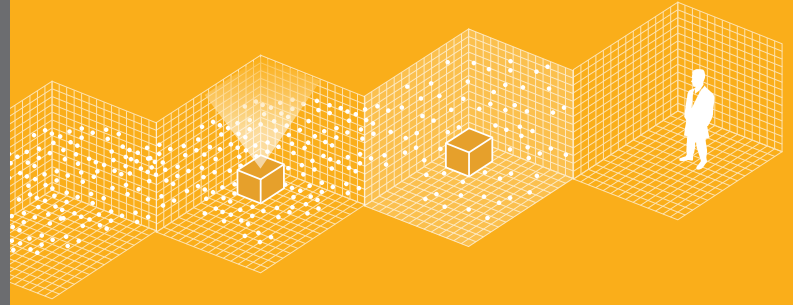


Delivering innovation in
iHP[®] bio decontamination
service for critical
applications.



SixLog provides rapid and effective iHP[®] (ionized Hydrogen Peroxide) biological decontamination services to a variety of industries including Life Sciences, Bio-Pharmaceutical, Food and Beverage, Healthcare, First Responders, and Transportation. As a subsidiary of Astro Pak, the leading cleaning and passivation provider, we are supported by five decades of expertise and experience.

Building upon Astro Pak's heritage of "delighting customers through excellence," SixLog strives to not only meet, but to exceed customers' expectations in delivering bio decontamination services. SixLog seeks to continue that exemplary legacy and commitment to customers through the following mission statement:

SixLog is the trusted leader in delivering safe, effective, and advanced biological decontamination services and equipment, when and where needed, in a professional and friendly manner.

Markets Served



Bio-Pharmaceutical



Life Sciences



Food & Beverage



Healthcare



First Responders



Transportation



“ Utilizing our proven iHP® technology, we are able to provide a 10⁶ reduction of viruses, spores, and fungi. ”

iHP® Defined

SixLog iHP® is a hydrogen peroxide based technology that has proven effectiveness in reducing biological contaminants to below detectable levels for various microorganisms. Surface structures of the microorganisms (proteins, carbohydrates, and lipids) are destroyed by the reactive oxygen species (ROS) and reactive nitrogen species produced when a fine mist of hydrogen peroxide and isopropyl alcohol is passed through a cold plasma arc. iHP® can be used in open air and, once ionized, acts like a gas as opposed to a vapor, providing excellent distribution properties, and destroying microorganisms even in those hard-to-reach areas. Thus, iHP® is more effective and requires a drastically shorter decontamination process time than alternatives. Additional advantages of iHP® technology include: iHP® has no requirement for special atmospheric conditions and iHP® does not create noxious fumes or leave behind any residue. Finally, since hydrogen peroxide is the primary component used, breaking down into oxygen and water at the completion of the decontamination process, iHP® is one of the most environmentally friendly or “green” decontaminants available.

The SixLog Advantage

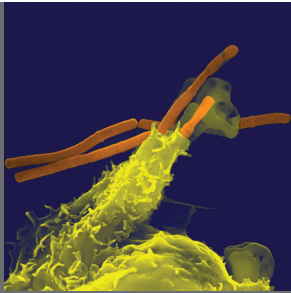
Not all decontamination service providers are alike. SixLog understands that customers want a rapid response to their need, a fast acting treatment process for minimized downtime, a safe process with no residue or noxious fumes, and one that is environmentally friendly at a cost-effective price. Through delivering superior efficacy, responsiveness, and an environmentally friendly technology, we strive to meet those customer requirements every day.

Superior Biological Efficacy:

Utilizing our proven iHP® technology, we are able to provide a 10⁶ reduction of viruses, spores, and fungi. SixLog provides decontamination services for equipment, rooms, entire buildings, and modes of transportation such as ambulances, trains, and cruise ships. The efficacy of our process is validated using stainless steel biological indicators that are populated with six log *Geobacillus Stearothermophilus* spores.

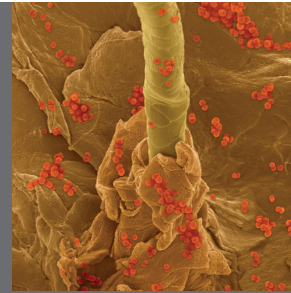
Rapid Response and Cost-Effective:

For any business, when downtime occurs, every minute represents revenue loss. As such, a bio contamination related shutdown can be a very costly event. With



Bacillus anthracis (Anthrax) engulfed by white blood cells

Escherichia coli (E. coli) bacteria



Staphylococcus aureus (MRSA) on the surface of human skin and hair follicle

service locations nationwide, SixLog's rapid response teams stand ready to be dispatched to your facility within hours, enabling your company to restore operations safely and quickly. Since SixLog's offices are strategically located throughout the U.S., we are able to deliver our decontamination service with lower travel and freight

costs than competitors. We then pass these lower costs on to you saving you both time and money.

Environmentally Friendly:

SixLog iHP® is one of the most environmentally friendly or "green" decontaminants in the marketplace since the

hydrogen peroxide used breaks down into oxygen and water at the completion of the decontamination process. As a result, the benefits include not having to vacate adjacent spaces, and electronics as well as other sensitive equipment do not need to be removed during the decontamination process.

Comparative Processes

SixLog's company name was developed as a result of the sterilization our iHP® (ionized Hydrogen Peroxide) decontamination technology provides, defined as a 10⁶ reduction.

Sanitization: The process of making something (usually an inanimate object) clean. This is typically defined as a 2-log reduction.

Disinfection: The process of eliminating pathogenic organisms or making them inert, i.e., to kill the germs and bacteria or render them harmless. This is typically defined as a 2-5 log reduction.

Sterilization: The process of completely eliminating microbial viability, i.e., to kill all non-pathogenic and pathogenic spores, fungi and viruses. This is typically defined as a 6-log reduction.



iHP® Efficacy on Biological Organisms

General Efficacy Testing on Biological Organisms

SURFACE CONDITIONS	ORGANISM	LOG REDUCTION	COMMENTS (Exposure Duration)	TESTING LAB
Hydrophobic Microbial Filter Material	Bacillus Atrophaeus Spores	>8.3	Dry Spore (60 sec)	1
Ceramic Tile	Bacillus Atrophaeus Spores	>7.4	Dry Spore (45 sec)	1
Hydrophobic Microbial Filter Material	Bacillus Atrophaeus Vegetative Cells	>9.0	Gram Positive (60 sec)	1
Ceramic Tile	Escherichia Coli Cells	>7.4	Gram Negative (30 sec)	2
Ceramic Tile	Staphylococcus Aureus Cells	>7.4	Gram Positive (45 sec)	2
Ceramic Tile	Stachybotrys Chartarum Spores	>6.9	Gram Positive (5 sec)	2
Ceramic Tile	Pseudomonas Aeruginosa Cells	>8.4	Water borne (45 sec)	2
Ceramic Tile	Virus Bacteriophage P22 HT 105	>5.6	Virus (60 sec)	2
Hydrophobic Microbial Filter Material	Serratia Marcescens	>6.0	Hand Cleaning Standard (15 sec)	3
Stainless Steel	Bacillus Stearothermophilus Spores	>6.26	H2O2 Resistant Spore (60 sec)	3
Glass	Aspergillus Niger	>8.0	(30 sec) EPA DIS/TSS	3
Glass	Stachybotrys Chartarum	>7.0	(30 sec) EPA DIS/TSS	4
Glass	Trichophyton Mentagrophytes	>6.0	(30 sec) EPA DIS/TSS	4
Glass	P. Aeruginosa	>4.0	(30 sec) EPA DIS/TSS	4
Glass	S. Aureus	>5.0	(30 sec) EPA DIS/TSS	4
Glass	S. Choleraesius	>4.0	(30 sec) EPA DIS/TSS	4
Glass	Escherichia Coli	>4.0	(30 sec) EPA DIS/TSS	4
Stainless Steel	Bacillus Subtilis	>6.0	Sterility Indicator (<30 sec)	1
Stainless Steel	Bacillus	>6.0	H2O2 Resistant (<30 sec)	1
Stainless Steel	Pseudomonas	>6.0	Indicator For Aqueous Contamination (<30 sec)	5
Filter Paper	Serratia Marcescens	>6.0	Indicator for Hand Contamination (<30 sec)	3
Glass	Aspergillus Expansum	>7.0	(15 sec)	2
Glass	Aspergillus Parasiticus	>7.0	(15 sec)	2
Glass	Aspergillus Restrictus	>7.0	(15 sec)	2
Glass	Aspergillus Sydowii Cladosporium Cladosporiodes Type 1	>7.0	(15 sec)	2
Glass	Cladosporium Cladosporiodes	>7.0	(15 sec)	2
Glass	Cladosporium Sphaerospermen	>7.0	(15 sec)	2
Glass	Penicillium Atramentosum	>7.0	(15 sec)	2
Glass	Penicillium Chrysogenum	>7.0	(15 sec)	2
Glass	Penicillium Citrinum	>7.0	(15 sec)	2
Glass	Stachybotrys Chartarum	>7.0	(15 sec)	2

Testing Labs

1. University of South Florida Center for Biological Defense
2. Microbial Insights
3. L-3 Communications
4. Microbiotest
5. Beckman Coulter



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