

# **“BEST PRACTICES”**

A set of guidelines, ethics or ideas that represent the most efficient or prudent course of action in a given situation.

## **Flood Your Areas of Microbial Contamination Concerns with Safe, Friendly Solutions**



**For Occupied Times**  
Titan 4000 or 2000 with  
Hydroxyl Maximizer

The Titan Hydroxyl / Vaporized Ionized Hydro-Peroxide Generators produce two Friendly Reactive Oxygen Species (ROS). The first is OH, Hydroxyl Radicals and the second Hydrogen Peroxide. OH is the second strongest friendly oxidizer known to man. It is thousands of times stronger than chlorine but safe to use around people and animals. It is a given that it can de-activate airborne bacteria and virus. Hydrogen Peroxide is on the EPA's list of chemicals to use to kill Human Coronavirus. The **Vaporized Ionized Hydro-Peroxide (VIHP)** that the **Titan 4000** produces is the finest form of **Vaporized Hydrogen Peroxide** and is produced "In Situ" by our Photocatalytic Process at an EPA allowable limit of .01 to .02 Parts Per Million. The EPA allowable limit on Vaporizer Hydrogen Peroxide is 1 PPM.

**VHP is registered by the U.S. Environmental Protection Agency as a sterilant**, which the EPA defines as "a substance that destroys or eliminates all forms of microbial life in the inanimate environment, including all forms of vegetative bacteria, bacterial spores, fungi, fungal spores, and **viruses**".

The Titan 4000 and 2000 when used in conjunction with the Hydroxyl Maximizer will produce safe but effective levels of ROS to maintain low airborne and surface microbe counts in a 4,000 square foot and 2,000 square foot respectively. This will decrease the level of germs coming into contact with people.

IOTG Inc. is an EPA Registered Pesticide Manufacturing Establishment with assigned number 87989-FL-001.

By the EPA assigning IOTG an Establishment number this means that they have evaluated all of our literature and claims and agree with our statements that our equipment will kill germs. A virus is a germ.

The Titan equipment is safe to run in occupied areas and should be run at all times when people are present.



**For Un-Occupied Times**  
**VORTEX**  
Ultrasonic Cold Vapor Micro Fogger

**VORTEX Cold Vapor Micro Fogger** is the most advanced automatic microbe killing system on the market today.

The customer uses their own EPA Registered Coronavirus killing fogging chemical.

The system will be timed to automatically activate after hours when everyone is gone and timed to run 15 minutes for over 1,000 square feet of treatment area. The system will use approximately 2 ounces of chemical per 15 minutes run time.

The system will emit an ultrasonic micro fog that will deactivate all airborne and surface microbial contaminates.

The process that most cruise ships, airlines, businesses and schools are using is to hire a remediation company to send in a crew of men with sprayers to completely fog the interior of the structure with an approved chemical, usually for thousands of dollars. In most cases as soon as the remediaters leave there is no residual protection and the offending microbial can return as soon as people arrive. Not too many company can afford to have the crew come back every night to repeat the process. With our system the treatment happens automatically every night for a very small cost.

### **Examples of Chemicals To Be Used In The Vortex\***

 **BIOESQUE**  
SOLUTIONS  
800-921-4634

 **Benefect**  
905-528-7474

 **mediclean**  
800-932-3030

 **VitalOxide**  
561-733-8955

 **concrobiuum**  
PROFESSIONAL RESTORATION PRODUCTS  
866-811-4148

 **Anabec**  
800-369-8463

\* Contact Chemical Manufacturer for Specific Chemical Details