

HGI Industries Inc. (HGI) has been at the forefront of high volume odor processing and air decontamination for the past decade. The company has developed, patented and manufactures the air-cleaning ODOROX® technology that uniquely generates and distributes *atmospheric hydroxyls*. This process safely neutralizes air-borne bacteria, viruses, mold and hazardous gases by converting them into innocuous byproducts. HGI's solutions have shown breakthrough performance in numerous industries, with applications in multi-billion dollar markets where there is an identified need for its technology.



## OVERVIEW

- HGI distributes its ODOROX® hydroxyl technology through regional master distributors, vertical dealers and national accounts across the U.S., Canada and Central America.
- ODOROX® technology is backed by two issued patents and multiple patent pending applications.
- The Company's technology represents a disruptive solution to incumbent suppliers of established technologies (Chemical/Filtration/Ozone). ODOROX® solutions represent a true example of "Green Technology at Work™" by using no chemicals or producing any harmful byproducts or residue.
- HGI has received third party lab testing results in the areas of bacteria, gas, volatile organic compounds ("VOC"), and mold neutralization that confirm the product's capabilities and safety.

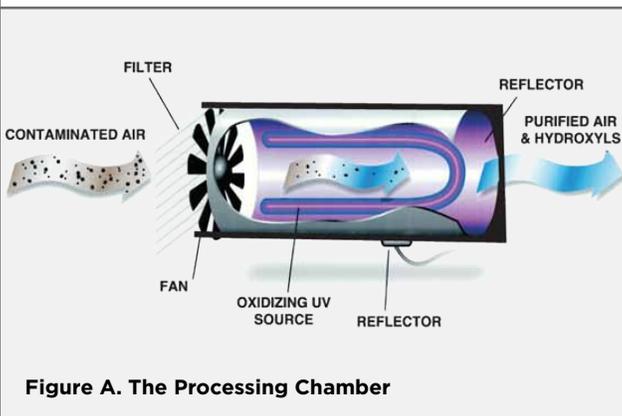


Figure A. The Processing Chamber

## ATMOSPHERIC HYDROXYL GENERATION Green Technology at Work™

Outdoors, hydroxyl molecules (-OH) are formed naturally when sunlight (ultraviolet light) comes into contact with water vapor. Hydroxyls are highly reactive molecules that pop quickly in and out of existence within the atmosphere. Despite their small size, hydroxyls are probably the single most important cleansing agent for our environment. Atmospheric hydroxyls are not naturally present indoors, thus indoor air is 2 to 100 times more polluted than outside air.

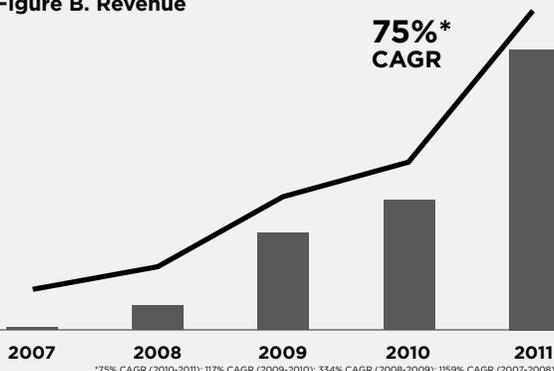
Ultraviolet light ("UV") has been used safely for many years in sterilization processes of medical instruments. HGI's founder developed a generator that creates longer lasting hydroxyls that can be dispersed with a blower system. HGI's Hydroxyl Generator, branded ODOROX®, utilizes proprietary ultraviolet optics and water vapor found in indoor air to produce and disperse atmospheric hydroxyls that neutralize odors, mold, bacteria and viruses that are present in the environment. The technology has received third party lab testing results in the areas of bacteria, gas, volatile organic compounds ("VOC"), and mold neutralization that confirm the product's capabilities and safety.

Hydroxyls are 33% more effective at oxidizing pollutants in the air than ozone, and 2.2x more germicidal and fungicidal than chlorine. Atmospheric hydroxyls have been proven to significantly improve air quality with no harmful side effects and is the only known green technology that actually kills mold and eliminates odors safely, without the use of toxic gas or harmful chemicals. The ODOROX® technology produces no harmful byproducts.

## QUICK FACTS

- Head Office: Boynton Beach, Florida
- \$50+ million of manufacturing, assembly and distribution capacity
- 32,000 sq. ft. central R&D, Manufacturing and Warehouse Facility
- North American Distribution Network
- Audited Financials 2008; 2009
- HGI Corporate Web Site: [www.hgiind.com](http://www.hgiind.com)

Figure B. Revenue



## DISCIPLINED STRATEGY

ODOROX's® technology and its unique effectiveness combined with dramatic cost advantages in capital outlay, operating costs (power efficiency) and thus ROI, creates an aggressive competitive advantage. The ODOROX® atmospheric hydroxyl contains sufficient energy to enable it to be dispersed over a wide range of area. No other company can match the cost, ease of use, and performance of ODOROX® hydroxyl generator technology. The Company is focused on utilizing its technology to eliminate mold and control odors where current solutions are inefficient or ineffective.

Selected examples include:

### Restoration and Remediation

There are over one million restoration professionals in North America alone. Their current methods do not access hard-to-reach places, such as between walls and have a tendency to blow mold spores and contaminate more areas of the building; as such, odors often remain. ODOROX® Hydroxyl Generators **neutralize odors** and **kills mold**, overcoming limitations of current restoration processes.

### Agricultural

Industrial farms are among the leading producers of more than 400 different gases and noxious substances: hydrogen sulfide, ammonia, methane and carbon dioxide being the four worst. Up to 15% of herd inventory can be lost due to bacteria causing diseases. Field tested in hog and poultry farms, HGI's ODOROX® hydroxyl generators have proven to very quickly improve air quality and animal health by cleaving the presence of ammonia and other harmful gases.

### Sewage Treatment

There are more than 600 different types of bacteria found in sewage treatment plants creating some of the foulest odors known. Field tested in sewage treatment plants, HGI hydroxyl generators neutralize bacteria and odors.

## EXPANSION

HGI continues to sign geographical and market specific distributors/dealers in the U.S. and Canada. International opportunities are currently being evaluated. Corporate infrastructure has been put into place to manage operational processes and maintain proper documentation and control. The Company recognizes the importance of adding experienced management and employees to maintain the absolute highest level of quality in the product and services areas.



## MARKETS AND APPLICATIONS

Initial target markets where HGI's hydroxyl generators have proven to be extremely effective in providing mold, odor and decontamination solutions:

- **Industrial** including water & sewage treatment facilities, municipal solid waste, pulp & paper mills, rendering facilities, garbage transfer, recycling facilities, manufacturing plants and oil/petrochemical refineries;
- **Commercial** including bottling plants, print shops, chemical suppliers, sports facilities, universities, offices, dealerships, builders/developers, property managers, condominiums, trash and dumpster rooms.
- **Hospitality/Travel** including cruise ships, airplanes, hotels and resorts, timeshares and restaurants;
- **Medical/Healthcare** including hospitals, long term care facilities and day care centers;
- **Government** including the military, navy and schools;
- **Residential**: in general, pollutant levels in the home are 2-100x higher than those found outdoors.



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