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Introducing A Specialist Service for the Marine Industry

IAQ Technologies Co., Ltd

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Will Poor Air Quality Affect Your Bottom Line Profit?

Frank is in Hospital with a lung infection, Terry has gone land based due to a severe case of the Flu, and the whole crew seems to be coming down with something”.

How many times have Rig Managers, OIM’s and Human Resource Managers had to face this problem? It’s bad enough that you have to be miles from home then to work sick, or in an environments that can be sick or causes you to be ill. **The fact is poor air quality can make our life a misery.**

Poor air quality can lead to continuing respiratory illness, loss or lowering of lung function, Heart and blood vein problems even death.

It further causes the moral of the crew to drop, creates strained relationships between management and crew and has in some cases led to litigation.

Worst of all, it has a major impact on the budgeted costs annually, putting more strain onto the bottom-line of your origination’s profit.

It has never been more important than now to improve the standard of air quality and to make changes to the Air Handling Systems and introduce practices that can reverse occurrence of illness aboard rigs/vessels. With the presence Influenza, Legion-ella, or Influenza based diseases like SARS, Avian Flu, Pontiac fever.



We are not making claims that anyone can stop the transmission of these diseases. But what we are doing is providing a service and products that can assist in reducing the occurrence of the transmission due to poor system design, house keeping, maintenance and the lack of the proper bio-cide treatment of the air conveyance systems.

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Why Should YOU Be Concerned?



The “Sick Building Syndrome” (SBS) can be a major problem on the rig or vessel you are working with.

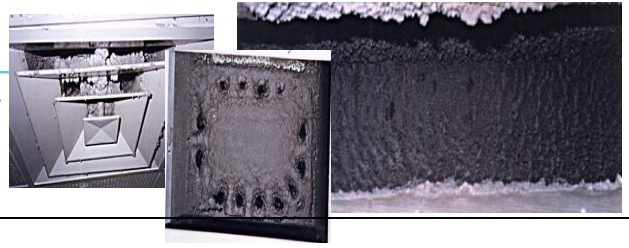
It is being characterized by regular employee complaints of *rashes, colds, fatigue, coughing, dizziness and breathing problems*. Any problems related to time spent in a particular building or part of a building. That is in a sick condition.

The Environment Protection Agency (EPA) of United States of America criteria for a sick building are met when up to **20%** of the inhabitants complain of related ailments.

Do you have a higher figure than this ? We do have statistic to show you on what “The TRUTH is” ? (Page 2)...

The TRUE Story

The script below is an actual reference from a major Oil and Gas drilling company, for whom we have recently completed the IAQ survey, AHU and systems changes. In order to bring about a BETTER air quality aboard the vessel.



Dirty Ductwork , Grilles and Registers showing HIGH bacteria contamination.

To Whom it may concern,

SUBJECT : GermXit product.

During 2004 we recognized a concern from the workforce due to respiratory type illnesses while working in an offshore communal environment. During this period it was also discussed if a term called sick building syndrome had any relevance with upper tract respiratory type illnesses. We contacted S.O.S who are our agents for health issues and they intern contacted the W.H.O, the reply was very thorough and denounced the view that sick building syndrome was relevant to our particular situation and was probably due to the tropical conditions the workforce endure during their time off and then being exposed to Air handling units in the living areas while working offshore.

This of course did not solve the issue of the health concerns we had. We mobilized an air handling unit firm to thoroughly clean and overhaul all the AHU's in an attempt to improve the air quality in the living accommodation. After this was carried out our situation seemingly improved for a time, however we did see trends emerging that although these improvements helped, they did not give us the result we expected.

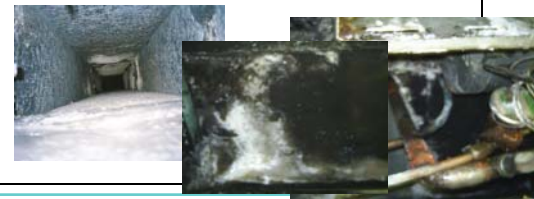
During the initial period of looking for a Vendor to carry out this work I did attempt to employ the services of IAQ Thailand, unfortunately they were involved with a large hospital project, and hire in the company noted above. When IAQ became available I met with Mr. Carl Straub who gave a very detailed introduction of how their system could improve our problem of air quality and control.

The process began with a site visit of which a detailed inspection of the AHU system took place and numerous swabs were taken for spores of various types. Once these samples incubated it became very apparent action was required. This company was deployed and a complete cleanout of the system was undertaken without shutting down or disrupting the speed patterns of the workforce. Once complete a produce called *GermXit* was installed into the system and I have used the product ever since and will continue to do so. There is no doubt the product has not only improved the air quality throughout the living facility it continues to neutralize and disperse all Bacteria, Fungi etc. from the system. Regular checks are carried out to ensure this is the case and it is maintained. Once minimal training has been carried out the workforce install and control the produce usage. Both my workforce and I consider this a product which is an enhancement to the health and welfare in most working environments.

Yours Sincerely

XXXXXX

Rig Manager



Mould and Fungus in the AHU systems & Ducting systems

The TRUTH is !!!

- ∞ World Health Organization (WHO) estimates 30% of all buildings have SBS
- ∞ NIOSH reported in 1993 that IAQ complaints in the workplace increased 500% since 1980
- ∞ EPA studies show indoor air may be **100 times** more polluted than outside air
- ∞ Litigation stemming from poor IAQ is rising and Significant **decrease** in worker efficiency; concentration and productivity (EPA)
- ∞ United States estimates of annual economic **loss** due to poor Indoor Air Quality amounts to **several tens of billions dollar** (EPA 1994)

The Solution Specialists :

“The Sick Building Syndrome” can be reversed permanently.

Our Experience has shown us that most rigs have problems with their Air Handling Systems that can have slight or major problems that cause:

1. High to very high (TPC) total plate count, bacteria counts.
2. High to very high Mold infestation
3. High to very high Fungi and Yeast counts.

If the counts in the above categories are high to EXTREME, then the indoor quality will invariably be poor. It will cause the management and crew onboard to suffer the consequences of a sick environment.

IAQ Technologies specialize in providing services to the Marine, Gas and Oil Industry specially in the INDOOR AIR QUALITY sector worldwide.



We have developed superior filtration systems, Non-chemical Bio-cide treatments and specialist coating systems within AHU and ducting systems.

IAQ has extensive experience in the Air Quality Industry as consultants and practitioners and we provide our services to many Multinational corporations within the oil industry and Commerce and Industrial sectors.

THE WORLD'S MOST ADVANCED DUCT CLEANING SYSTEMS



Your Response is Appreciated !

We would certainly appreciate your feedback and further enquiry. Kindly help us with the simple questionnaire below :

1. Would your organization like us to update you with our latest information on IAQ issues?
 Yes
 No
2. Does your Vessel or Rig suffer from stale air ?
 Yes
 No
3. Would you like your Vessel or Rig to have an IAQ (indoors air quality) survey?
 Yes
 No

Name _____

COMPANY & Address _____

Phone _____ Email _____

Contact Us

For more information, Contact in the 1st Instance , iaqtech@www.GermXit.net



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