



# AQMC

AIR QUALITY MANAGEMENT COMPANY

we go where air goes

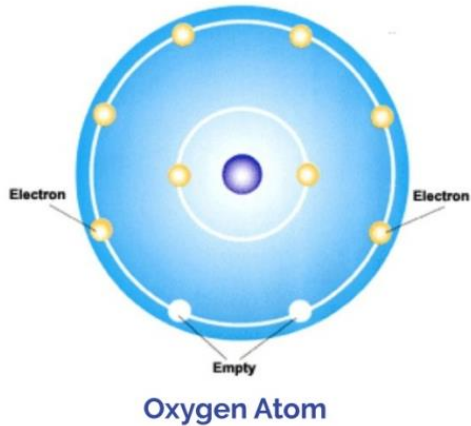


**LEADING**

HOSPITALITY SERVICES

Client Introduction

# We Go Where Air Goes



The AQMC process was invented to replicate the natural paramagnetic function of oxygen outdoors, effectively creating the Sun's role in the production of electrons and bringing the freshness of outside air indoors.


As a result of creating electrons, our process creates oxygen clusters which react with odor, bacteria, viruses and hazardous gases, and eliminate them almost instantly. We do not produce oxygen and never alter amount of oxygen around us.

Paramagnetic process is safe for all living creatures outdoors, and similarly AQMC process is safe indoors, unlike other technologies in the market.

AQMC is the natural way to safely eliminate odors, bacteria and viruses, purify the air we breathe and sterilize environments we live in.

- ✓ AIR STERILIZATION
- ✓ SURFACE DISINFECTION
- ✓ ODOR CONTROL





**The magic does not happen “as the air passes over our system”, the magic happens at the source of the problem, in the environment where AQMC oxygen clusters are located, everywhere around you!**

At AQMC we are pioneers in the field of sustainable air and surface sterilization systems, and odor control, with **more than three decades of experience**, satisfied Clients and proven track record in the industry.

We offer **the only truly sustainable and safe air and surface sterilization system** which guarantees odor-free results and 99% elimination of viruses, bacteria, fungi, yeast, mold, mildew and protozoa in as little as 15 seconds.

What we do best is clean, purify and disinfect the air around us, so you can focus on your business. Our system makes cleaning with harsh chemicals obsolete, **reducing cost, manpower and resources, while guaranteeing results.**

# How we can help you breathe easy

**AQMC patented technology can be applied across industries and sectors, operationally enhancing your business from hospitality, entertainment, over healthcare and public offices to industrial, manufacturing and food growing & processing.**

## **Hotels**

- Guest rooms
- Front of house
- Lobbies
- Kitchen exhaust
- Back of house
- Grease traps
- Smoking rooms
- Changing rooms
- Mold/mildew

## **Entertainment**

- Theme parks
- Arenas
- Conference halls

## **Restaurants**

- Dining areas
- Kitchens

## **Hospitals**

- 100% viruses
- 100% bacteria
- COVID, SARS, etc
- Complete disinfection
- Lower infection
- Stop cross contamination
- Biohazard treat

## **Operating areas**

- Ongoing sterilization of all equipment
- Stop infections

## **Public areas**

- Waiting areas
- Treatment rooms

## **Food industry**

- 100% sterilization of all surfaces
- Lower bacteria count in the air
- Vegetables, fish, meat, chicken
- Longer freshness
- Hydroponics
- Indoor farms
- Processing plant
- Odor treatment

## **Manufacturing**

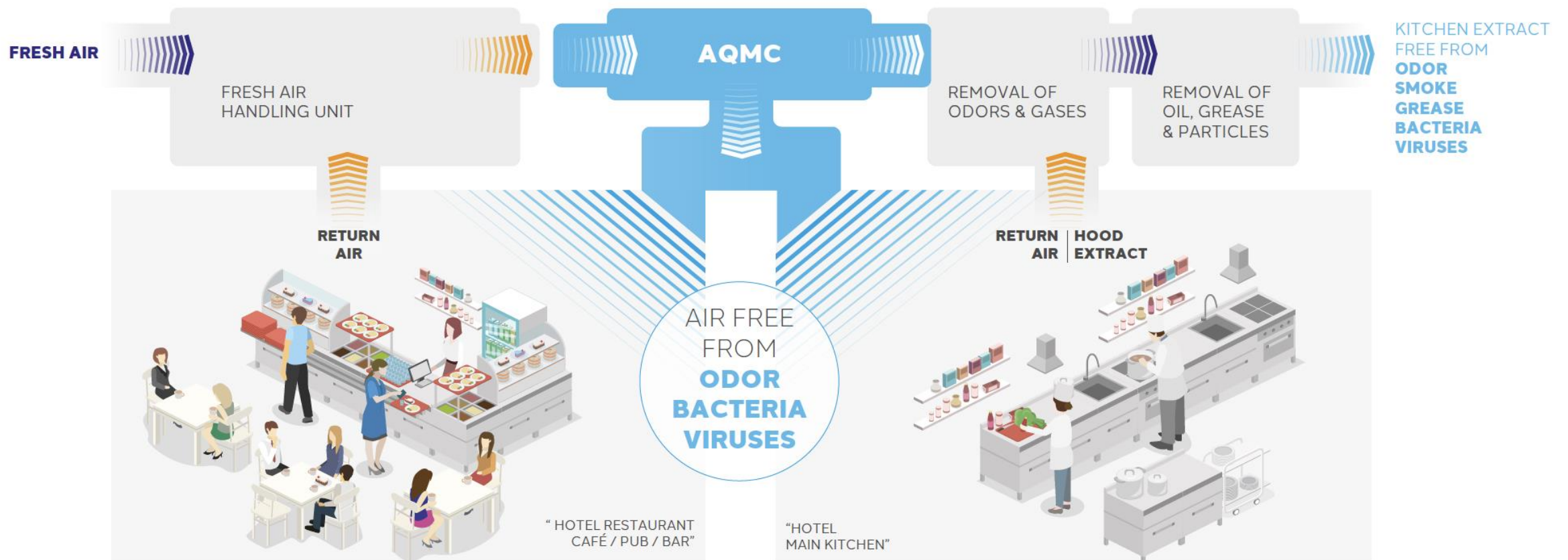
- Clean air for 'clean rooms'

## **STP**

- Pump rooms
- Water processing

# HOW WE WORK FOR YOU

- AQMC technology is installed in air conditioning or ventilation systems to ensure the air quality is high and with-it an undisturbed guest experience.
- AQMC systems are on 24 hours a day, 7 days a week, all year round, providing a true peace of mind for you.
- Unlike false sense of security with other systems, AQMC guarantees performance and provides a complete safety solution, whatever the application.



# HOW WE CAN HELP PROTECT THE ENVIRONMENT

## Low Power

- AQMC uses as much energy as an average coffee machine
- Technology is easy to retrofit into existing systems, reducing need to demolish
- Over product lifetime, saves electricity and with it reduces use of fossil fuels
- Environmentally and Energy friendly technology

## No Chemicals

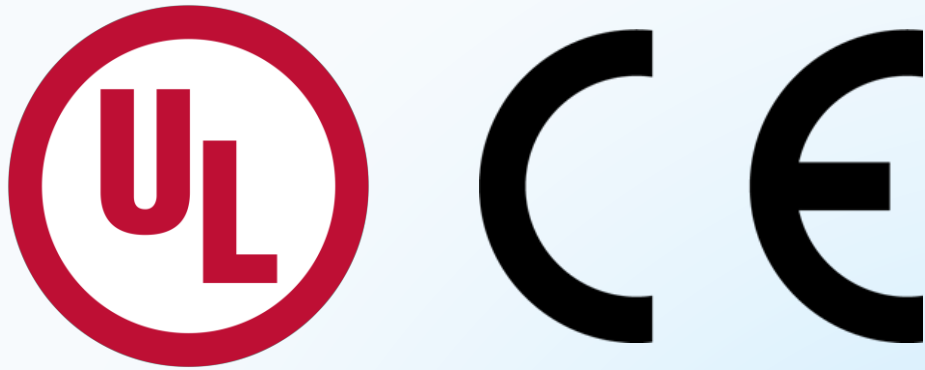
- No need to use environmentally harmful chemicals
- No need to dispose toxic chemicals in the air or materials on a landfill
- Removes allergy causing pathogens from the air
- Our systems are 100% chemical free, environmentally and ecologically sustainable

## No Consumables

- Our products have no consumables, reducing the waste generation
- Other systems use harmful radiation or light needing care, AQMC is 100% safe
- By reusing our equipment, we reduce the impact to nature
- No need for disposal of harmful filters, bulbs and other similar products



# OUR CERTIFICATIONS



To ensure the highest level of quality, standard and peace of mind for our Clients, our systems are certified by some of the toughest regulators on Earth!

**AQMC systems are both UL and CE certified to ensure you are getting the best product in the market you can depend on in safety, quality and reliability.**



In terms of Sustainability, **our team at AQMC has gone another step above with RoHS and WEEE where we actively contribute to reducing the amount of hazardous chemicals used in manufacturing of our equipment**, while at the same time it does not adversely impact the environment at the end of its lifetime.

# WHAT ARE WE ARE NOT













**WE ARE NOT UV TECHNOLOGY** | UV technology treats the air as it passes over the UV tubes, and requires the air to be brought to the UV tubes to be treated. Our technology creates oxygen cluster enriched air that is introduced into the source of the problem directly, sterilizing all air and surfaces, and removing airborne gases and odor. The main difference is that our technology works in the area it is required 24/7/365, and does not require the air to come back to our equipment to be treated. UV technology usually creates Ozone as a by product of the UV lamps functioning.

**WE ARE NOT OZONE TECHNOLOGY (O<sub>3</sub>)** | Ozone technology creates O<sub>3</sub> by splitting the Oxygen via high speed particles and binding to Oxygen (O<sub>2</sub>), and sends it into the area/ventilation for treatment. Ozone is a heavily regulated gas globally, is established as unhealthy and as such cannot provide the Performance Guarantee like our equipment. At concentrations that do not exceed public health standards, Ozone has little potential to remove indoor air contaminants to guarantee eradication of the problem.

**WE ARE NOT A HEPA FILTER** | High Efficiency Particulate Arresters (HEPA) remove particles and bacteria larger than 0.30 Microns, where any particles, gases and organisms smaller than 0.30 Microns pass through the filter even if the efficiency of the HEPA filter may be 99.99%. As the organic material gets trapped by the HEPA filter it can actually provide food for the trapped organisms, and could make a HEPA filter become a breeding ground and overgrown with many micro-organisms. As such, potentially the same HEPA filters made to protect you, if not maintained properly, can become a source of infection. In addition, as the air flows through the saturated HEPA filter, bacteria, fungus, yeast, mold, mildew spores and protozoa are continuously dislodged from the downstream side of the HEPA filter and spread through the room, where improper maintenance and replacement is done. Most filters are capable of trapping less than 12% of all viruses, and are very ineffective with airborne gases and odor, therefore are not effective in eliminating many pathogens. AQMC equipment sterilizes and disinfects pathogens of any size, shape or form, removes hazardous gases and odor.



# PEOPLE WHO TRUSTED US TO HELP THEM

|   |  |   |   |   |  |
|---|--|---|---|---|--|
| <br><b>ADDRESS</b><br>HOTELS + RESORTS | <br>UNITED ARAB EMIRATES<br>MINISTRY OF HEALTH & PREVENTION | <br><b>AAA</b><br>ANIMAL HOSPITAL<br>Expertise through Experience | <br><b>JW MARRIOTT.</b><br>DUBAI                 | <b>DP WORLD</b>    | <br><b>SAINT MINA CHURCH</b><br>DUBAI |
| <br><b>Emirates</b>                    | <br><b>حكومة دبي</b><br>GOVERNMENT OF DUBAI                 | <br><b>Dorchester Collection</b>                                  | <br><b>WASL</b><br>wasl                          | <br><b>AGUA CALIENTE</b><br>Casino · Resort · Spa<br>RANCHO MIRAGE | <b>The Beverly Hills Hotel</b><br>and Bungalows<br>Dorchester Collection   |
| <br><b>BURJ AL ARAB®</b>              | <br><b>EMAAR</b>  | <br><b>GROSVENOR HOUSE</b><br>HOTEL<br>DUBAI                     | <br><b>MANDARIN ORIENTAL</b><br>JUMEIRA<br>DUBAI | <br><b>Emirates Palace</b><br>Abu Dhabi أبو ظبي                   | <br><b>FOUR SEASONS</b>              |
| <b>SOUK</b><br>AL<br><b>BAHAR</b>   | <br><b>Emirates</b><br>SkyCargo                           | <br><b>Emirates</b><br>Flight Training<br>Academy               | <b>Le ROYAL MERIDIEN</b>  | <br><b>بلدية دبي</b><br>DUBAI MUNICIPALITY                       |  |

# LET THEM TELL YOU ABOUT THEIR AQMC EXPERIENCE / HOSPITALITY

Mandarin Oriental,  
Dubai



29 January 2020

Bio-Oxygen Middle East  
Dubai, United Arab Emirates

Subject: Indoor Bio Oxygen Odour Elimination System

This is to certify that Bio Oxygen Middle East has installed 13 units of Bio Oxygen Odour Elimination system in our hotel to control food odour. Since the installation, the number of complaints received from our guests had reduced drastically. Based on our observation, we can confirm the system is effective to control food odour.

The installation is easy and the maintenance is minimal and the technical back up and service from the company is superior. Considering the enormous benefits of having improved air quality in indoor environment I would have no hesitation to recommend Bio Oxygen Odour Elimination System to anyone for any similar application.

Yours truly,

A handwritten signature in blue ink, appearing to read "Ramish Rajoo".

Ramish Rajoo  
Director of Engineering



# LET THEM TELL YOU ABOUT THEIR AQMC EXPERIENCE / HOSPITALITY

JW Marriott Marquis Hotel,  
Dubai



200 Bio-Oxygen units supplied to the hotel.

JW MARRIOTT MARQUIS HOTEL DUBAI

## Bio-Oxygen keeps air clean and pure

October 2012

**KEEPING** odours at bay and ensuring the indoor air quality in some of the key areas that typically pose challenges in hospitality projects was the remit of Bio-Oxygen Middle East on the JW Marriott Marquis Dubai.

The Dubai-based specialist in odour control, air sterilisation and air purification was responsible for treating the air in all dining rooms and the exhaust air from all the kitchens at the project. Other areas being treated by the company also include the gym and garbage room.

Bio-Oxygen Middle East completed work on the project in July, having supplied a total of 200 Bio-Oxygen units to the development.

"One of the biggest challenges of the project was to meet the deadline," says Ranyae Fernandes, director of sales and marketing for Bio-Oxygen Middle East.

"We are very pleased to be part of this iconic development," she says. "It was an honour for us from the Emirates Group to be the only odour control company involved with this prestigious project."

Bio-Oxygen Middle East's scope of works included odour treatment for kitchen exhaust, sewage odour and indoor air quality.

The company is part of the Bio-Oxygen Australia, which manufactures odour control systems for industrial and sewerage applications as well as smaller models to control toilet, garbage room and food odours.

"Our systems require no perfumes, disinfectants, catalysts, chlorine, chemicals or carbon filters and none is used. The odour control process only requires clean ambient air," says a spokesman for the company.

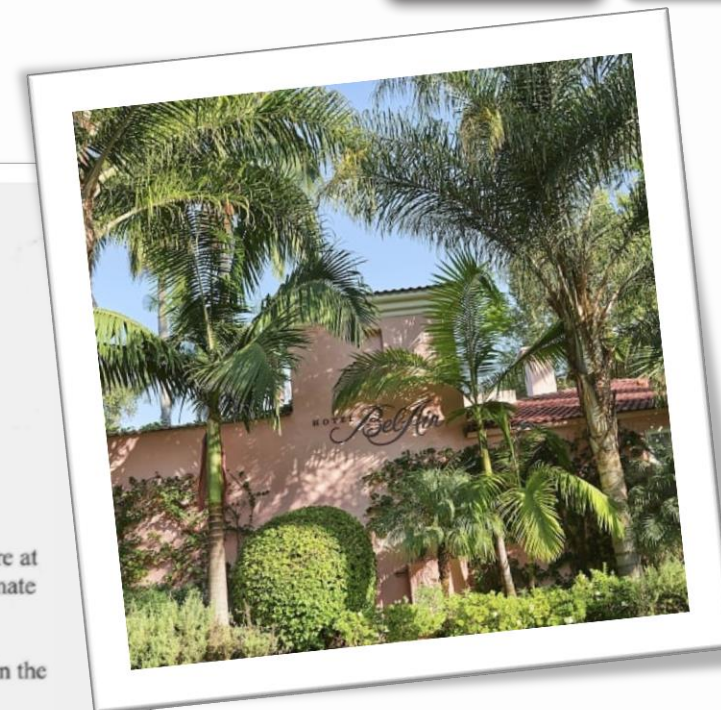
Bio-Oxygen also designs and manufactures air sterilisers and air sterilisation equipment especially for the disinfection and air sterilisation of ducted air-conditioning systems. These units are installed inside the mixing plenum of an air-handling unit where they disinfect the supply air as it mixes and flows through the plenum. The air sterilisers thus disinfect the supply air and protect people from viruses and pathogens such as staphylococcus aureus (golden staph), legionella pneumophila (Legionnaires' disease), E coli, salmonella, salmonella abony and others.

"Our air sterilisers achieve up to 99 per cent overall air sterilisation," the spokesman claims.

The Australia-based parent firm also manufactures a range of air purifiers, ionisers, air ionisers and ionic air purifiers. Some of the other projects executed by Bio-Oxygen Middle East in the UAE include the Dubai Mall, Emirates headquarters, Green Lakes Tower, Spinneys, the Emirates Palace hotel, Le Royal Meridien, Grosvenor House One and Two, Souk Al Bahar and projects for Dubai Municipality.

# LET THEM TELL YOU ABOUT THEIR AQMC EXPERIENCE / HOSPITALITY

Hotel Bel Air,  
California



# LET THEM TELL YOU ABOUT THEIR AQMC EXPERIENCE / HOSPITALITY

Agua Caliente,  
California



PRESS RELEASE

Contact: Therese Everett-Kerley  
Public Relations Specialist  
t. 760-883-1396 / c. 760-219-3885

## AGUA CALIENTE • CASINO • RESORT • SPA JOINS THE RANKS OF THE INTERNATIONAL ELITE WITH NEW AIR PURIFICATION SYSTEM

Rancho Mirage, Ca (March 18, 2008) – Agua Caliente Casino • Resort • Spa is the only casino in California to have installed a state-of-the-art air purification system, giving guests a fresher place to play while joining the ranks of some of the world's most expensive and prestigious hotel properties.

The system is called Bio-Oxygen. It is a natural air purification process in which no disinfectants, perfumes, or chemicals are used. The system employs the same methods as Mother Nature, purifying the air with electrons. The air purification systems are installed inside air handling units where they clean, disinfect and deodorize the air. The cleaning process is continual and removes odors, gases, chemicals, tobacco smoke, nicotine and tar from the air, while killing bacteria, fungus, mold, mildew, viruses and other micro-organisms.

The casino at Agua Caliente Casino • Resort • Spa is currently the only gaming property in California to use the Bio-Oxygen air filtration system. This makes the casino part of an elite club of Bio-Oxygen properties that include the Peninsula Hotel in Tokyo, Hotel BelAir and Beverly Hills Hotel in Los Angeles, and the only 7-star hotel in the world, the Emirates Palace in Abu Dhabi where rooms range from \$1,000 to \$50,000 per night.

Upon completion this April, the new Agua Caliente Casino • Resort • Spa will feature 340 generously-appointed guest rooms, a rejuvenating spa, pool and cabana complex, plus a high-tech conference center. A 2,000-seat entertainment venue will open in early 2009.

A lavish Grand Opening party is set for April 18<sup>th</sup>. The hotel and resort will be open to the public beginning April 19<sup>th</sup>. Call 1-866-923-7244 for reservations!

Agua Caliente Casino • Resort • Spa is located at 32-250 Bob Hope Drive in Rancho Mirage, California; home to more than 1,800 slots, 35 table games, and an 11-table poker room voted "Best in the Valley" in a 2007 reader's poll. The casino offers exciting entertainment plus award-winning dining. In April, the Agua Caliente Band of Cahuilla Indians will open a new 16-story, 340-room luxury hotel beside the casino. Guests will be able to stay in style, enjoying deluxe rooms and suites, a luxury spa, pool and cabana complex, as well as a state-of-the-art conference center. In early 2009, a 2,000-seat entertainment venue will complete this world-class destination. For hotel reservations call: 1.866.923.7244, visit [www.HotWaterCasino.com](http://www.HotWaterCasino.com) or for casino information: 1.888.999.1995.

Agua Caliente Casino • Resort • Spa is owned and operated by the Agua Caliente Band of Cahuilla Indians.



# LET THEM TELL YOU ABOUT THEIR AQMC EXPERIENCE / RETAIL/MALL

Emaar Malls Group,  
Dubai



Emaar Malls Group LLC  
P.O. Box 191741  
Dubai  
United Arab Emirates  
tel 971.4.3675588  
fax 971.4.3675501  
www.emaar.com

07 October 2012

LET/TDM/GEN/

Dear Retailer,

**Subject : Boulevard Retails – Odour Control**

This is in reference to our letter dated 27<sup>th</sup> September issued to you listing out your minimum basic deliverables vis-à-vis the local authority and EMG pre-opening requirements.

We draw your specific attention to requirement sl.no.25 of our above referred letter regarding your need to confirm 100% treatment of kitchen extract prior to discharge out of your retail unit.

In this regard, you are required to install Bio-Oxygen odour treatment system to treat the odour emanating from your kitchen. The contact details of the local representatives of the above said product is as under:

Ms.Ranyae Fernandes  
Bio-Oxygen Middle East  
P.O. Box 18447  
Dubai, U.A.E  
Phone: +971 4 8812473  
Fax: +971 4 8812540  
Cell: +971 50 2855594  
Email: [ranyae@biooxygen.net](mailto:ranyae@biooxygen.net) ; [middleeast@biooxygen.net](mailto:middleeast@biooxygen.net)  
Web: [www.bio-oxygen.com.au](http://www.bio-oxygen.com.au)

You are requested to get in touch with the above mentioned supplier and propose a well engineered system matching your overall ventilation scheme. Your proposal shall be submitted to us for review. Retail units will not be permitted to open prior to Bio-Oxygen unit installation.

We also wish to impress upon you to provide adequate time slice within your fit-out programme to cater to the MEP testing & commissioning process.

If you require more information, please do not hesitate to communicate any questions to your designated tenant coordinator.

Yours sincerely,



Hussam Abdul Raouf  
Director  
Head of Retail Delivery Department





Emaar Properties FSC  
P.O. Box 55211, Dubai  
United Arab Emirates

tel: +971 4 392 1111  
fax: +971 4 392 3199

enquiries@emaar.ae  
www.emaar.ae

November 26, 2007

Ms. Ranya Fernandes  
Bio-Oxygen  
DUBAI

Subject : Spinneys at Marina Walk

Dear Ms. Fernandes,

You have previously provided your Bio-Oxygen Odour Control Equipment for a two month trial at Spinneys outlet at the Marina Walk to eliminate the bakery odors coming from Spinney's Baking Oven. The trial of the odour control equipment was a success because from the day that you turned your odour control equipment on, we stopped receiving complaints from the villas residence as it was confirmed by our MEP Manager, Bassam Najjar. This convinced us that your equipment really works and we are believers of your system.

As you know, we are in the process of re-designing and re-building the kitchen exhausts of all 16 kitchens at the Marina Walk Dubai for the express purpose of treating the kitchen exhaust odours with Bio-Oxygen Odour Control Equipment.

The design work for the new kitchen exhaust systems and odour control systems will be done by Airmaster in Melbourne. We confirm that we have instructed Airmaster to use Bio-Oxygen Odour Control Equipment exclusively for all 16 kitchens at the Marina Walk Dubai.

To help us out while the design works are in progress, we would like you to re-install your Bio-Oxygen Odour Control Equipment at Spinneys for two months. if we proceed with the project the supplied equipment to spinneys will be considered as the 1<sup>st</sup> delivery of the total project requirement otherwise if the project not to take place, we agree to pay for the equipment installed at Spinneys, as per your quotation (see attached quotation)

We look forward to your reply.

Yours truly,



Tim Hill  
Director- Facilities Management  
Emaar Malls Group



LET THEM TELL  
YOU ABOUT  
THEIR AQMC  
EXPERIENCE /  
RETAIL/MALL

Emaar Malls Group,  
Dubai

# LET THEM TELL YOU ABOUT THEIR AQMC EXPERIENCE / AIRLINE

Emirates,  
Dubai



Date : 8<sup>th</sup> July 2020

To Whom It May Concern

Dear Sir/Madam,

The Emirates Group has been using AQMC-Bio odour control and air sterilization equipment since 2008.

Bio-Oxygen Middle East has successfully provided Air sterilization/odour control for kitchen exhaust, food outlets, atrium level & Costa cafe in our Emirates Headquarters Group in Dubai. Following on from the success of this, we specify the AQMC-Bio equipment into any new facilities in the Emirates Group.

Bio-Oxygen Middle East has also completed work on our iconic development JW Marriott Marquis Dubai in 2011 in the treatment of Kitchen exhaust and indoor air quality.

Our Emirates Sky Cargo facility is also treated by the AQMC-Bio system. The equipment has even successfully treated areas of mold.

Our Emirates Flight Training Academy is also treated by AQMC-Bio Systems for Air Sterilization and Odor. In addition to Our Emirates Aviation University.

Most recently due to air sterilization concerns, we have added the treatment to our offices, clinics & staff travel areas with excellent results.

We are more than satisfied with the AQMC-Bio units we have installed and are happy to recommend the equipment to other companies for similar applications since we regard the technology as an essential factor in controlling odour and air Sterilization.

Yours sincerely,



Janaka Wijayawardana  
VP - Facilities Operations and Projects





# LET THEM TELL YOU ABOUT THEIR AQMC EXPERIENCE / GOVERNMENT

Ministry of Health & Prevention  
(MOHAP), UAE

UNITED ARAB EMIRATES  
 MINISTRY OF HEALTH & PREVENTION
 
 الإمارات العربية المتحدة  
 وزارة الصحة ووقاية المجتمع

Facility and services department  
 May 28, 2020

**To Whom It May Concern**

**BIO-OXYGEN STERILIZATION UNITS**

This is to confirm that ICS Group LLC and Air Quality Management Control have successfully installed the Bio-Oxygen Sterilization system in multiple Covid-19 Quarantine facilities across the UAE, on behalf of the Ministry of Health and Prevention during the height of the coronavirus global pandemic.

We can also confirm that these installations were carried out in the ventilation systems in order to sterilize the air and all surfaces within our quarantine facilities. This was done to eliminate viruses, bacteria and other pathogens, and prevent cross infections, whilst protecting our frontline healthcare workers and staff in these facilities.

The MOHAP has been fully satisfied with the performance of the BioOxygen system, for the sterilization and improvement of indoor air quality in our facilities.

Yours Sincerely,,

**Facility and services department**  
 Waheed Almulla
 



TEL: +971 4 230 1000 • فاكس: +971 4 230 1919 • DUBAI, UNITED ARAB EMIRATES • دبي، الإمارات العربية المتحدة • P.O. BOX 1953  
 www.moh.gov.ae



# LET THEM TELL YOU ABOUT THEIR AQMC EXPERIENCE / GOVERNMENT

Dubai Municipality,  
Dubai



حكومة دبي  
GOVERNMENT OF DUBAI



بلدية دبي  
DUBAI MUNICIPALITY

Ref: 812/02/02/1/915925 / ٤٨٨ Date 23/09/2009

M/S. BIO-OXYGEN MIDDLE EAST  
P. O. BOX 18447  
DUBAI, UAE.  
FAX: +97148812540

Dear Sir,

SUBJECT: Registration as A Supplier for Bio-Oxygen Odour Control System

Reference made to your letter ref: 812/02/02/1/913939/499, which received at :7/08/2009 regarding the above-mentioned subject.

We would like to inform you that, we have been reviewed your technical documents and Drainage and Irrigation Networks Department recommendation letter and it is accepted.

Therefore, we have no objection to accept your Company (BIO-OXYGEN MIDDLE EAST) registration as a supplier for the Bio-Oxygen odour control system.

Regards,




TALIB ABDUL KAREEM JULI BARFI  
DIRECTOR OF DRAINAGE & IRRIGATION DEPARTMENT

CC  
 Director of Drainage and Irrigation Dept  
 Head of Drainage Projects Construction sections  
 Head of planning & Design Section  
 Head of Drainage and Irrigation Networks Dept  
 M/file

Enc. As above

رؤيتنا: بناء مدينة متميزة لتتوفر فيها رفاهية العيش وسفوحات الضاح  
Our Vision: To create an excellent city that provides the essence of success and comfort of living.



ص.ب. 67، دبي، ا.ع.م. - P.O. Box 67, Dubai, UAE - هاتف: 19714 221 5555 - فاكس: 19714 224 6666 - تليكس: 45688، بادية إم إم - 45688 Batad'a RM  
E-mail: info@dm.gov.ae / Website: www.dm.gov.ae

DRAINAGE&IRRIGATION DEPT 29/09 2009 09:12 FAX 00971 4 2214835



# LET THEM TELL YOU ABOUT THEIR AQMC EXPERIENCE / GOVERNMENT

Dubai Municipality,  
Dubai

Ref: 812/02/02/1/904141 Date: 04-03-2009

**M/S Bio-Oxygen Middle East,  
P.O.Box: 18447, Jabel Ali Free Zone,  
Dubai-United Arab Emirates  
Fax: 04-8812540  
Tel: 04-8812473**

**Sub: Experimental Bio-Oxygen Odour Control Systems installed in Sewage Pumping Stations- Technical Report**

The following is the report on two experimental bio-oxygen units installed in our sewage pumping stations S18 in Jumeirah and V3 in Nad Al Sheba.

**I. Pumping Station S18**

- 1) Experimental unit installed in May 2008
- 2) H2S absorption recorded from 50PPM average (200 PPM peak) in the wet well to zero PPM at exhaust from vent stack
- 3) H2S Reduction rate recorded 100%.
- 4) Wet well found very clean

**II. Pumping Station V3**



- 1) Experimental unit is in operation from Sept. 2008
- 2) H2S absorption recorded from 50PPM average (300 PPM peak) in the wet well to zero PPM at exhaust from vent stack
- 3) H2S Reduction rate recorded 100%.
- 4) Wet well found to be clean with H2S concentration of 4PPM dynamic after 2 days of Bio-Oxygen treatment
- 5) H2S level in wet well was found shooting up to 25 PPM from 5 PPM on power failure in the station

**III. Advantages of Bio-Oxygen system over alternative systems**

- 1) This is found to be a simple electronic system which includes a blower of appropriate capacity and sufficient number of electrodes depending on volume of wet well and H2S concentration inside.
- 2) Power consumption is extremely less (each Bio-oxygen unit consumes 250 watts only)
- 3) No consumables like activated carbon or chemicals used and so no disposal of used activated carbon or chemicals.
- 4) Wet well for pumping stations remains clean and gas free after Bio-Oxygen treatment for a couple of days

رؤيتنا: بناء مدينة متميزة تتواءم فيها رفاهية العيش ومقومات النجاح  
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**IV. Conclusion**

After satisfactory tests in Subsidiary Pumping stations S18 and V3, we feel that Bio-Oxygen odour control system is technically a better alternative to Activated Carbon system in sewage pumping stations. Therefore we have already recommended to Director of Drainage and Irrigation Dept. to include Bio-Oxygen System in the list of approved odour control equipments for future sewerage projects.

With Best Regards,  
Yours truly,

**Engr. ABDULMAJEED ABDULAZIZ SAHAIE**  
**DIRECTOR OF DRAINAGE AND IRRGN. NETWORK DEPT.**

Cc: Director of Drainage & Irrigation Dept  
Head of Drainage Development and control section  
Head of Operation Section  
Head of Maint Section  
Principal Electrical Engrs  
Engr. Joe

CPMK / skm

رؤيتنا: بناء مدينة متميزة تتواءم فيها رفاهية العيش ومقومات النجاح  
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# LET THEM TELL YOU ABOUT THEIR AQMC EXPERIENCE / FOOD PROCESSING

Los Altos Food Products



LOSALTOS FOOD PRODUCTS, INC

15130 NELSON AVE. CITY OF INDUSTRY, CA 91744 TEL (626) 330-6555 FAX (626) 330-6755

Date: 04-29-08

TO WHOM IT MAY CONCERN

Los Altos Food Products has a Bio-Oxygen unit model # 8000-10 in one of its coolers. According to the environmental microbiology studies, the levels of bacteria and fungus have diminished by 98 - 99 % and the air we breathe feel cleaner and purer.

Los Altos Food Products is satisfied with the Bio oxygen Unit, we are going to implement a number of Bio-Oxygen units in our production process in the future.

If you have any questions or comments, please don't hesitate to contact us.

Sincerely,



Sergio Mares  
Q. Assurance Manager

# LET THEM TELL YOU ABOUT THEIR AQMC EXPERIENCE / FOOD PROCESSING

High Weald Dairy,  
United Kingdom



October 2020

“At High Weald Dairy we produce an awarding winning blue cheese. However we discover our air conditioning fan was moving air around the dairy and allowing the yeasts and moulds, which are vital to the unique flavour of blue cheese, to contaminate the surface of our soft cheese product.

Having identified the source of the problem, we needed to find a solution to remove these microorganisms from the air to eradicate any possibility of cross-contamination. Luckily we found the AQMC system, which eradicates contamination from the air and surfaces using a dry air system. The AQMC system is installed in a housing with a fan in the roof void above our packing area. The air is recirculated through the AQMC system, which produces Oxygen Clusters, which eliminate the mould and bacteria. Staff can still work in the production areas whilst the AQMC system is constantly cleaning, as the Oxygen Clusters are safe to breathe.

Since installation, the AQMC system has been a great success. Before and after installation swab tests have showed a huge reduction in the quantities of moulds and yeasts settling on equipment in the dairy as a result of airborne cross-contamination. We regularly swab the production area equipment. In the past the count of microorganisms could go up into the thousands during the production of a blue cheese. Now the numbers are only ever in single figures. Because the air is now continually being cleaned, yeasts and moulds do not survive long enough to settle on production equipment or food products so we no longer have to worry about airborne cross-contamination.”



**Mark Hardy**

Director | Sussex High Weald Dairy Ltd

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# LET THEM TELL YOU ABOUT THEIR AQMC EXPERIENCE / OFFICES

United Kingdom



## AQMC UK

Air Sterilisation | Surface Disinfection | Odour Control

4 September 2020

Dear Madam/Sir

### Covid-19 Surface Reductions Results

Testing of the AQMC air sterilisation system against Covid-19 was conducted by Campden BRI scientific laboratories on 19th August 2020. Using the enveloped surrogate virus, Bacteriophage  $\phi 6$  (a surrogate for enveloped viruses such as Covid-19's SARS Cov2), Campden tested the AQMC system at a customer site in their male toilet area. Areas, including the sink, walls, ceiling and floor, were inoculated by Campden with the surrogate virus. AQMC's MK system then continually released oxygen clusters into the area and swabs were taken by Campden after set times. The toilets remained in constant use by staff during the tests to provide a real life scenario.

Campden's results found that AQMC's MK system provided continued and effective treatment in eradicating the surrogate Covid-19 virus from all surfaces. After 30mins AQMC provided a 1-2 log surface reduction, with a greater 2-4 log reduction after 2hrs.

As a results our customers are installing the MK system in their offices and amenity areas (toilets, changing, canteens) at their sites across the UK.

Yours sincerely,

Emma Mogg  
Managing Director

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# Who are we and what do we stand for?

We are California based company, with sustainability, energy efficiency, environmental and social sustainability and responsibility in the core of everything we do, and part of our ethos at AQMC. As such, we have worked hard for our product to be environmentally and socially sustainable.

**We are proud to say that AQMC is one of the only companies in the industry to guarantee performance, have lifetime warranty and have never been replaced due to sub-standard performance in the market, ever, over last 35+ years of operation.**

We Go Where Air Goes and do what we do best, clean, purify and disinfect the air around you, so you can focus on your business! The AQMC product has a wide-reaching potential and ability to help anyone. We hope you will believe in it as much as we believe, to believe in the best in the market.

We cannot wait to hear from you!

# Get in Touch

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For more information, please visit:

**[www.aqmc.co](http://www.aqmc.co)**



# Goodbye for now



**LEADING**  
HOSPITALITY SERVICES

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