

## Industrial Applications

Industry too suffers terribly from the effects of scaling. But in Malaysia a subsidiary of Petronas the Malaysian oil giant had a particular problem with an air scrubber that scaled up very badly every few weeks. Fitting a Fluid Dynamics MagCAT



extended the life between cleans by a factor of 3 and the scale that did form was soft and easy to remove. The maintenance engineering team was delighted: in Malaysia contact: [ongpoang@gmail.com](mailto:ongpoang@gmail.com)

### San Diego Condo Benefits from Fluid Dynamics Scale Preventers



#### The Challenge:

The Strata luxury apartments are located in the Gaslamp Quarter of San Diego, CA. The two building complex includes a 6-story mid-rise that connects to a 23-story curved tower. There are 163 units in the facility. San Diego city water averages hardness of around 15 grains per gallon (GPG). This categorizes it as "extremely hard" by the US national standards. Water heaters are centralized in the building in a boiler room on the roof. There is also a large cooling tower and loop on the roof

#### The Solution:

Two 2" Scaletons are installed on the main water supply lines and a single 1" Scaleton on the Hot Water Circulation loop on the roof in the boiler room.



#### Results:

Effective scale prevention.

**No Chemicals   No Electrical Connections**  
**No materials sacrificed into the water**  
**All Products have 10 year Performance Guarantee**



**Fluid Dynamics**  
 Hard water solutions since 1973

# INSIGHT



## 45 years since the development of Fluid Dynamics Catalytic Hard Water Limescale Prevention Systems

**Supermarkets in UK show faith in Fluid Dynamics Limescale Prevention Technology**

Since 2012 more than 150 Supermarkets throughout the UK have installed Scaleton Scale prevention systems in their water systems. Waitrose, Marks and Spencer and John Lewis are famous for their quality products and when it comes to quality water conditioners they choose the UK manufactured catalytic systems by Fluid Dynamics. The only non chemical scale prevention technology tested and proven effective by the US Government (\*).



\* GSA Report Jan 2015

### Famous Buildings in the Middle East Choose Fluid Dynamics MagCAT and Colloid-A-Tron Products

The Louvre Museum in Abu Dhabi is an iconic building and complete with state of the art air conditioning equipment Including its water treatment systems the advising consulting engineers chose Fluid Dynamics MagCATs to prevent any risk of hard water scaling taking place in this most important of Buildings



The Louvre Museum Abu Dhabi

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## Fluid Dynamics Products for Jordan Cancer Hospital Expansion

The King Hussein Cancer Center expansion will consist of an inpatient tower and outpatient building that will double the capacity of the existing Center and provide improved, integrated space for patient care, research and education. These new technologically cutting-edge facilities will enable King Hussein Cancer Center to become the main medical hub in the Middle East for comprehensive cancer treatment and care.

Protecting the water systems in the hospital from scaling will be Fluid Dynamics Scaleton and Colloid-A-Tron Products. Fluid Dynamics has been present in Jordan for more than 15 years through its local distributor Dynamic Projects Services



King Hussein Cancer Centre

## Fluid Dynamics Protects Major London Apartment Blocks

Consulting Engineers choose Fluid Dynamics MagCAT dual treatment products as the best on the market. Offering the ultimate in scale prevention with a 10 year performance guarantee.

No electrical connections and a 40+ year old pedigree and all made in UK. These are just two of the recent contracts won by Fluid Dynamics protecting more than 1,000 homes from scale build – up.



Larner Road, Erith, Kent



Union Wharf Development, Southwark

## Vietnam and Australia choose Limetron

Limetron scale preventers are spreading all over the world with orders from Vietnam and Australia

In Vietnam Limetron is distributed by Vu-Eurotech [www.eurotech.vn](http://www.eurotech.vn) and in Australia by Mywaterfilter [www.mywaterfilter.com.au](http://www.mywaterfilter.com.au)

## Agratron Chosen for The Irrigation of National Football Pitch in Addis Abba

Irrigations systems can suffer from Scaling which reduces the rate of delivery of water in addition the crystallisation of calcium carbonate around the roots of a plant prevent vital water and fertilisers getting to it. The Fluid Dynamics Agratron reduces scaling in nozzles and around the roots of plants ensuring good growth and a healthy plant. A brand new stadium is being built in Addis Abbaba, Ethiopia and the pitch will be enhanced by Agratron Treated water.



## Maritime Success for Scaleton

It is not only buildings that suffer from Scaling, scaling is a common problem in

## Limetron Corner.. Scale Prevention in Private Houses

One of the UK's leading plumbing suppliers chooses Limetron as its flagship water conditioner/ scale preventer for private residential properties.



Mark Vitow supplies independent plumbing shops after having tried many different kinds of conditioners Mark Vitow has rolled out Fluid Dynamics Limetron to more than 100 independent plumbing merchants all over uk .. more information on [www.limetron.co.uk](http://www.limetron.co.uk)

ships as they take on water of different qualities all over the world.

Fred Olsen Cruise Lines are the latest to fit Scaleton units pictured below the 28,000 ton cruise ship Boudicca recently had Scaletons fitted

