

## **Hospital – When Aldes Solutions meet Safety!**



**Iranian Hospital - extension  
(Al Wasl street, Dubai)**

Set up since 1973 in Dubai, the Iranian Hospital represents an excellent healthcare in the GCC region. As the United Arab Emirates develops at a rapid pace, hospitals need to cover the increase of healthcare issues of more than 150 nationalities.

By first half of 2012, the new Iranian Hospital of Dubai will open at Al Wasl Street, one of the best location of Dubai. It will be a 220-bed, built-up area (phase-1) 343 781 square feet, full service medical facility, with all VIP, private and semi-private and public rooms equipped with the most advanced technology.

The site was handover to main contractor in September 2009 to begin construction of the state-of-the-art, full service hospital. Up to now, MEP works, under the supervision of *BILT Middle East*, is still going on.



As a matter of fact, Aldes Middle East has been associated to this prestigious project, thanks to Aldes Group great experience in sensitive buildings. Aldes has worked on several hospital projects all over the World, such as Umm Al Quwain hospital (UAE), Bellepierre hospital (Reunion Island) or Nantes hospital (France).

### **\* Safety: a priority**

As a first step, Aldes ME provided full solutions in terms of fire protection dampers, in order to ensure safety to the hospital in case of fire. Indeed, both smoke and fire can cause serious injuries or even death, as well as damage the property. As a result, it is absolutely essential to prevent the spreading of fire, heat and smoke.

The consultant, *Schuster Pechtold & Partner*, has required curtain fire dampers with **Civil Defence approval** and **UL certification**. The entire range of Aldes ME curtain fire dampers was perfectly matching the design and compliance requirements.



Aldes ME also provided motorised fire and smoke dampers, that prevent the spread of fire and smoke inside a building, with a fire resistance of 1.5hour and no smoke leakage.

In order to bring the highest level of safety to a building, Aldes ME brings on the GCC market fire safety solutions designed, tested and classified in accordance with **European standards** (EN, NF) or **American standards** (NFPA, UL) and follow the strict requirements from national building codes, such as the **UAE Civil Defence fire code** that was released in July 2011.

*As Iranian hospital is a sensitive project, we were looking for good quality products. Aldes products and services are up to the satisfactory level and we strongly appreciate the availability of their team to support us during the project construction.*

*Amar Bhosale, Project Engineer – Bilt Middle East*

#### \* **Comfort: a requirement**

People in any hospital need to feel **safe** and **comfortable**: low noise and perfect airflow are key points in the design. Aldes concern is thus to manufacture and deliver products that meet these requirements.

A wide range of by-pass VAV boxes (Variable Air Volume), suitable for airflows range up to 5440 m<sup>3</sup>/h, was delivered on site, in order to provide excellent temperature control and central air distribution for patient rooms.

Every VAV box has to pass through a **strict quality check** during the manufacturing process as well as after completion, to always ensure the delivery of **high quality** product.

761 VCD (volume control dampers) were also designed and manufactured for quiet, efficient and reliable air volume control in ventilation and air conditioning system.



As a **European leader in air diffusion**, Aldes ME is able to support and deal with any MEP consultants and MEP contractors regarding a specific project design or any technical requirements on **product performances, integration and installation.**

Slot diffusers, bar grilles, square diffusers: Aldes ME is still delivering a complete offer of grilles & diffusers, to bring an excellent indoor air quality to the Iranian Hospital.



#### \* **Availability: a necessity**

Aldes ME ambition is not only to manufacture and deliver high quality products, but also to support both consultant and contractor up to the project completion. Along with this aim, one French expert from Aldes France visited the project site with both Product Manager and Sales Engineer from Aldes ME, to check the installation of the products and to advise the contractor on installation issues. This is very important for Aldes ME to be available for its customers and to be a technical support for a project.

Aldes ME has always focused to bring a **high level of expertise** in fire protection, ventilation and air distribution systems, to support its clients and to act as a **reliable supplier fully committed to deliver quality and efficient solutions** from fire dampers, fans, sound attenuators, VCDs... to grilles and diffusers.

Consequently, Aldes ME will continue to provide the best support and solutions to the GCC market **to enhance the Safety & Indoor Air Quality in any sensitive projects.**



*A full commitment towards our clients, consultants and contractors.*

*Aldes ME & Bilt Middle East representatives during a site visit in Iranian Hospital*

For more information on Aldes products, please visit our website:

[www.aldes.ae](http://www.aldes.ae)

Or ask for our General Catalogue 2011.