

## **Technical Visit to Zhongshan Saiver AHU Factory**

*Mr. Barry Ng, Co-opted Member, Young Member Section*

Venue : Zhongshan Saiver AHU Factory  
Date : 7th August 2010 (Saturday)  
Time : 08:00 – 17:30  
No. of participants : 41

A technical visit to Zhongshan Saiver AHU Factory was successfully held on 7th August 2010. We are the first ever group of visitors from Hong Kong engineering organization visited the Factory.

Gathering at Huanggang Custom Exit at 0800, we took a coach with staff of the factory towards the AHU Factory.

We arrived at Zhongshan Saiver at 11:00am. The technical visit is composed of two parts. At first, a welcoming speech with brief introduction of their company, products and project references was conducted. After that, we were divided into four groups to visit their Factory. Along their manufacturing line, they also exhibited some experiments of their AHU products.

One interesting topic discussed during the visit was the adoption of plug fan instead of backward curved fan in the newly fabricated AHU. Saiver presented their study in this topic and compared the performance of these two fans. In addition, Saiver exhibited their unique plug and play integrated AHU inside which controls, LMCP, VSD, DDC valves are built.

Most of our participants showed much interest in the visit as they actively raised a lot of questions during the Question & Answer session and visiting. We took a group photo at the entrance of Zhongshan Saiver AHU Factory before we had a wonderful lunch at Zhongshan restaurant.

It was a very fruitful day. Most of our members found it a valuable experience. They enjoyed the visit and they all provided positive feedback. On behalf of IMECHE Hong Kong YMS, I would like to take this opportunity to thank Mr. Tong NG and his colleagues with us during the trip.

Group Photo taken outside entrance of AHU Factory





*Air Leakage Test Demonstration*



*Inlet and outlet flanges of integrated AHU system*



*Plug fan inside AHU*



*View of integrated AHU system*