



STUDY TOUR TO ACSON MALAYSIA, SUNGAI BULOH

- submitted by Student Branch & Edited by Student Activities Chair

A technical visit was organized by the ASHRAE University Malaya Student Branch to Acson Malaysia's factory in Sungai Buloh on the 7th March 2008. The students were briefed on the history and development on OYL and Acson, followed by a lecture on HVAC system. They learnt about factors affecting air conditioning design such as temperature, humidity, air movement, fresh air, clean air, noise levels, lighting and furniture. The lecture included the fundamentals of air conditioning system like the basic refrigerant cycle, basic component in air conditioning system, type of compressor, condenser, cooling coil, metering device and so on. Also included in the lecture are factors that will affect the selection of the HVAC System such as preference of building owner, construction budget, size and shape of the building, function of the building, life cycle, ease of operation and maintenance and the time available for construction.

The students were further introduced to all Acson made product ranging from single split units, multi split units to variable refrigerant volume units. Various varieties of air conditioning units were shown and explained to the delegates.



After the lunch break, the student went to visit the OYL manufacturing plant. There, they witnessed the various processes of making different air-conditioning units from metal bending, components assembling to testing, labeling and packaging. The delegates were then brought to the OYL Research and Development Center to learn how research and development is conducted in the center. Various components of the air-conditioning equipment were being tested in the centre.