

Visit to Sumitomo Electric Interconnect Product (M) Sdn. Bhd.

YOUNG ENGINEERS SECTION, IEM SOUTHERN BRANCH



by Engr. Rajandran Morthui

ON 6 December last year, the IEM SB-YES and IEM SB Technical Committee arranged a visit to Sumitomo Electric Interconnect Product (M) Sdn Bhd in Tebrau II, Johor. Engr. Rajandran Morthui led the group of 18 participants who were greeted by Mr. Murgan Wirapan, Senior Manager of General Maintenance Department at Sumitomo.

In his briefing, Mr. Murgan gave a presentation on the activities and products that the company offered. These were very interesting as Sumitomo developed its own technology. Sumitomo Electric's corporate mission is to serve society by applying technological innovation to the development of tomorrow's products and services.

This mission is represented graphically by the communication symbol, which features three diagonal lines extending from the tops of the Company's initials, S.E.I. (Sumitomo Electric Industries). These three lines denote the key words that sum up Sumitomo Electric's operations namely: Reliability, Vitality and Creativity.

Flat cables are manufactured to meet the demand for simplicity and improved efficiency of wiring in the increasingly sophisticated fields of computers and electronic devices such as DVD, CD, VTR, audio, OA equipment and game consoles. These flat cables are commonly used for mass termination in conjunction with connectors or just simply for board-to-board connections. The main products from this division are Sumi-Card (Flexible Flat Cable), Steering Cable (STC), Flat Jumper Lead and Jumper Lead.

The Electric Wires division produces a wide range of wires and cables which simplify wiring and improve operational efficiency. A lighter and smaller wire with better space factor has been developed to meet more complicated and advanced wiring requirements because computers, switchboards and other electrical or electronic devices have become smaller in size and superior in performance. These wires are also recognised by Underwriters Laboratories (UL) and Canadian Standards Association (CSA). The main products from this division include Hookup Wires, IRRAX Wires (Irradiated wires), Shield Wires, TV High Voltage Wires, Office Automation Wires, Flexible High Voltage Wires and Automobile Wires.

The last presentation was on energy management where the objective was to reduce energy wastage through promoting the efficient use of energy and introducing wastage limits in the production line. It also educates and raises awareness of energy conservation at the workplace and encourage its employees to practice efficient use of energy.

The visitors were then brought to the production floor where the products were being made and tested. The discussion was very lively, especially when Sumitomo

provided a demonstration of the products. The visit ended at around noon with a Q&A session before the IEM (Southern Branch) gave a token of appreciation to Mr. Murgan and took a group photo. ■



Main Gate of Sumitomo Electric Interconnects Sdn. Bhd.



Technical briefing by Mr. Murgan, the Senior Manager of General Maintenance Department



Group photo of the participants with Mr. Murgan in front of the plant

Engr. Rajandran Morthui graduated in 2007 from the Universiti Teknologi Malaysia Melaka (UTeM) with a bachelor's degree in Electrical Engineering majoring in Power Electronics and Drive and a Master's in Technical and Vocational Education from the Universiti Tun Hussein Onn Malaysia (UTHM). He is a lecturer at Politeknik Ibrahim Sultan, Johor in Electrical Engineering Department and Director of Professional and Development under Young Engineer Section (YES) with The Institution of Engineers Malaysia, Southern Branch (IEMSB).