

**Technical Visit to SPC Industries Sdn Bhd Sg Gadut Plant**

by Ms. Wong Ai Ming

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The Civil and Structural Engineering Technical Division (CSETD) organized a technical visit to SPC Industries Sdn Bhd located at Sg Gadut Senawang, Negeri Sembilan, on 22nd April 2017. The visit has attracted 14 participants. Including mainly industry practitioners and Consultants

Registration started at 8.30am at Wisma IEM. The coach left at 8.45am and arrived at SPC Industries Sdn Bhd at 10am. On arrival we were welcomed by the Sales and Marketing Manager, Mr Stephen Thian. Before the meeting room session starts, we were treated to a sumptuous breakfast. The meeting room session started with a safety briefing by Mr Stephen Thian, followed by a presentation on the background of SPC Industries and SPC Sg Gadut, including the plant set up and production.

SPC Industries is a subsidiary of Kimlun Corporation Berhad. The Sg Gadut plant has a land area of 130 acres. It was set up to better serve the Klang Valley and Central region infrastructure projects. The factory is divided into different sections, which include sections for rebar preparation, casting of IBS, pipes, prestressed beams, casting of SBG(segmented box girders), casting of TLS (tunnel lining segments), curing stations and huge storage sections for the precast elements.

The factory is fully equipped with gantries and overhead cranes. SPC enforces wearing of PPE (personal protective equipment) mandatory for everyone who steps into the factory. The certification that SPC has received include ISO 9001:2008 and OHSAS 18001.

After the meeting room session, we were given a tour of the factory. Workers were seen busily preparing rebar cages. We were shown the sections for casting of SBG and TLS. We were briefed how the casting process of TLS was carried out, and shown how the TLS were assembled to make a ring. The in-house batching plant that supply to the precast elements, has a capacity of 2 x 120m³/hr. The plant has a good layout of casting sections, hoisting by gantries and overhead cranes, to the curing yards and storage yards. The storage yard for TLS, SBG and IBS products, measure 60 acres. We were shown the SBG that were casted for MRT project. Next to the factory is the in-house QAQC laboratory, equipped with the testing machines certified to ISO 17025.

After the factory tour, we were back to the meeting room for Q&A, where the participants could further clarify any questions. In closing, the Vice Chairman of CSETD, Ir Chong Chee Meng, presented a memento of appreciation to Mr Stephen Thian, the Sales and Marketing Manager of SPC Industries Sdn Bhd. The visit ended at 12.30pm. All the visitors returned to Wisma IEM in a coach.