

Reported by Sr Paul Wong, QSD Chairman and QSD CPD Sub-Committee Chairman, & Sr William Poon, QSD CPD Sub-Committee Member

Visit to a Precast Products Factory in Huizhou

The QSD CPD Sub-Committee organised a visit to a precast products factory in Huizhou operated by Wing Hong Shun Enterprises Limited (hereafter known as Wing Hong Shun) on 17 October. The factory is located in Boluo, Huizhou City, China and has an area of 112,000 square metres with an 18,500-square metre casting yard. It has fully-covered casting production lines and storage equipped with various laboratory facilities and testing equipment for streamlining the fabrication and enhancing quality control to cater to the current market.

The visit was a full house, which provided an opportunity for around 20 members to learn about the fabrication of precast products. Before the visit, members enjoyed a lunch with delicious dishes. Afterwards, the delegation was well-received by Mr Lam Hoi and Mr Leung Shek On, Directors of Wing Hong Shun, and Mr Julian Lee, QS Manager of Wing Hong Shun. Mr Lee started with a welcome speech and introduced the manufacturing process of precast products. Then Mr Lam advised our members on how precast products protect and improve the built and natural environment and that developers can be exempted from the gross floor area (GFA) requirement and/or site coverage (SC) by using non-structural prefabricated external walls (i.e., precast concrete façades) in their residential developments. In addition, in view of today's standardised building units, Mr Lam informed members on how the Hong Kong Housing Authority (HKHA) introduced the design and use of precast concrete products to its residential buildings.

Following the opening speeches, the group toured the production line and laboratory facilities for the precast products. Members checked out the prefabrication of façades, bathrooms, staircases, slabs, walls, tie beams, concrete elements, drywall partition panels, etc, which are major prefabricated elements

in HKHA buildings. Due to positive incentives given by the industry under BEAM Plus assessment for employing off-site fabrication, members appreciated the factory's better work environment and strict quality assurance, which minimised the wet trade on site.

After the visit, Sr Paul Wong presented a souvenir and certificates of appreciation to Mr Lam and Mr Leung.

Overall, members were impressed by the well-organised production line and laboratory facilities of the factory for manufacturing various precast products. The QSD wants to thank Mr Lam, Mr Leung, and Mr Lee for sharing their technical knowledge and market information with its members.



1. An Enjoyable Lunch by QSD Members
2. Sr Paul Wong presents a souvenir and certificates of appreciation to Mr Lam and Mr Leung of Wing Hong Shun
- 3-5. Tour of Precast Products Factory
6. Group Photo

Reported by Sr Paul Wong (QSD Chairman and QSD CPD Sub-committee Chairman) & Sr Betty Lo (QSD CPD Subcommittee Member)

Visit to a Tower Crane Yard in Yuen Long

The captioned visit was organised by the Quantity Surveying Division on Saturday, 3 October. The QSD Chairman and QSD CPD Sub-committee Chairman, Sr Paul Wong; the HKIS Vice President & QSD Past Chairman, Sr Thomas Ho; the QSD CPD Sub-committee members, Sr Betty Lo and Sr William Poon, and about 30 members attended, making it a full house.

The QSD wants to express its sincere gratitude to the General Manager, Mr Bosco Ku, and his colleagues, Mr Ben Wong and Mr Joe Pun, of Manta Engineering & Equipment Co, Ltd (Manta) for specially arranging this visit, which commenced with a briefing on the evolution of the POTAIN tower cranes with different movements, jib lengths, lifting capacities, weights, and tip load dimensions. The erection, operation, maintenance, and dismantling of a tower crane, including adjusting its height in the case of internal floor climbing and external telescoping cranes, were explained by a video.

While the work flow process and division of responsibilities among the contractor (Technical Competent Person T5, Registered Safety Officer), consultant (Project Engineer), and crane supplier (Supervising Engineer, Registered Professional Engineer or Independent Checking Engineer) were briefed with due consideration of safety for inspection, examination, and testing of the components and critical connections, transportation access and the work area of the tower crane were found to be in accordance with the Guidelines on Safety of Tower Cranes published by the Construction Industry Council.

The indicative cost information of purchasing and hiring the most common tower cranes, together with the corresponding operational time, reliability, and efficiency, were also highlighted for a comprehensive selection of tower cranes for a particular site and followed by a Q&A session.

After that, the participants proceeded to the tower crane yard of Manta. The luffing jib tower crane, hammerhead tower crane, and topless tower crane, including the foundation anchors, bolts, central ballast undercarriage, mast sections, winch hoist motor, cabin, control box, automatic load detection, parts check, assembly, and lifting works, were demonstrated on site.

The QSD wants to thank Mr Ku, Mr Wong, and Mr Pun of Manta, as well as their team for arranging this commendable visit and sharing their valuable experiences in and technical knowledge of the market information on tower cranes with us.

After the visit, the group gathered for lunch at a restaurant in Yuen Long. As members enjoyed famous traditional food (九大簋), they also had the opportunity to socialise and share their experiences with each other.



1. Sr Paul Wong (1st Left) and Sr Thomas Ho (1st Right) present a Certificate of Appreciation and souvenir to Mr Bosco Ku (2nd Left), Mr Ben Wong (Centre), and Mr Joe Pun (2nd Right) of Manta
2. Tower Crane Yard
3. Visit and Briefing at the Tower Crane Yard
4. Group Photo
5. Gathering Lunch