



MMC – Gamuda Tunnelling Training Academy by Mr. Lee Lai Sang

Mr. Lee Lai Sang is currently a co-opted member in Tunnelling and Underground Space Engineering Technical Division (TUSTD).

The Tunnelling & Underground Space Technical Division (TUSTD) of IEM organised a technical visit to the MMC-Gamuda Tunnelling Training Academy (TTA) in Kota Kemuning, Shah Alam on 29 January 2016.

A party of 11 participants arrived at the TTA at 9:30am was cordially received by Mr. Chong Tshun Ming, Senior Manager of Gamuda Plant Operator School. Mr. Chong briefed the background, overview and objectives of setting up the TTA. It is the first training school in the world to produce a steady stream of specialists, technicians and highly skilled manpower to support the underground works for the Klang Valley Mass Rapid Transit (KVMRT) project, as well as other projects in the region. To date, a total of 500 skilled tunnelling workers have been trained for the industry.

The target of TTA upon its inception in Dec 2011 was to train up to 1,000 professionals and skilled workers for the KVMRT Sungai Buloh Kajang (SBK) Line by 2014. It will also cater to the training needs of additional workers required for future KVMRT lines that are part of Klang Valley Urban Rail Development Plan. A total of 19 modules are available and each of the trainee is expected to undergo an average of 5 to 6 training modules during various stages of their employment in the project. The first batch trainees has commenced Skill Training in early Dec 2011, Technical Training in Feb 2012 and Specialist Training in June 2012.

The participants were given a tour and briefing of TTA's various facilities by Mr. Chong including mock-up segmental tunnel ring, TBM refuge chamber, demonstration of on-site TBM cutter disc replacement, shotcrete technology & nozzleman training mould. We were given opportunity to operate erector simulator for tunnel segment ring building.

Thereafter a light refreshment and Q & A session followed. The visit ended at 11:30am with the presentation of a memento to Mr. Chong on behalf of the IEM as a gesture of appreciation.



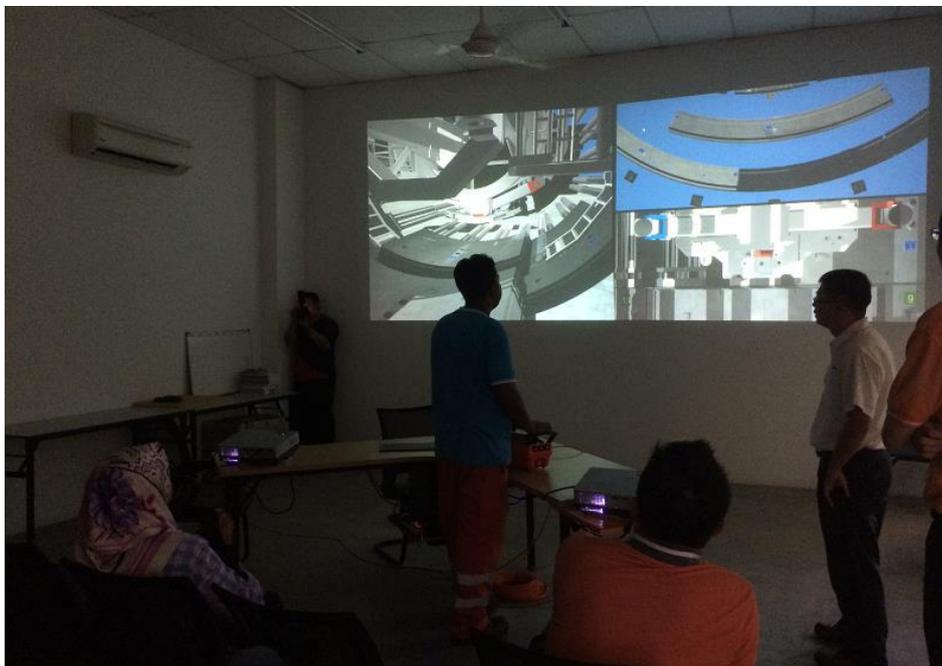
Group Photo at Tunnelling Training Academy



Briefing on nozzleman training module by Mr. Chong



Replacement of TBM cutter disc



Erector simulation for tunnel segment ring building