



Technical Visit to Pre-stressed Spun Pile Factory, Nilai By Ir. Lee Peir Tien

Ir. Lee Peir Tien is currently the Deputy Chairman in the GeoTechnical Engineering Technical Division Session 2015/2016.

A technical visit to the ICP Pre-stressed Spun Pile Factory was organised by the Geotechnical Engineering Technical Division on 3rd October 2015 with a total of 22 participants attended the technical visit.

Prior to the visit, Mr Loh Zhi Ming, Senior Manager of ICP Sdn Bhd (ICP), started the presentation with introduction to ICP Sdn Bhd. He highlighted that the main production at factory in Nilai is concentrated on spun piles for buildings. Whilst, big diameter marine spun piles in single pre-determined length are fabricated in the factory located in Lumut. Subsequently, he presented the manufacturing process of pre-stressed spun pile production and the characteristics. Generally, the manufacturing process consists of cage making / mould setting, concrete feeding, pre-stressing, pile spinning, steam curing and demoulding. He also further elaborated the advantages and disadvantages of pre-stressed spun piles.

Following the presentations, the participants visited the factory with accompaniment of representatives from ICP. Further elaborations and explanations were given to the participants during the factory visit for better understanding of the actual manufacturing process of pre-stressed spun piles. The technical visit was concluded with group photo and lunch (with courtesy of ICP).

