

Technical Visit to FRP Covers and Deodorization at Stonecutters Island Sewage Treatment Works

Fibreglass Reinforced Plastic (FRP) covers and Deodorisation Units are one of the technologies implemented at Stonecutters Island Sewage Treatment Works.

The FRP covers with gas-seal design on the existing sedimentation tanks, flow channels and chambers.



The Deodorisation technology consists of extraction system to collect foul gas from the covered tanks, channels and chambers and treatment of foul gas by 'Biotrickling Filter' technology before discharge into open air.

On July 14, 2012, the IMechE HK Branch organized a technical visit to FRP covers and deodorization at Stonecutter Island Sewage Treatment Works. There were about 40 participants in total. This workshop aims to provide participants better understanding on the FRP cover provision and deodorization facilities installed in the sewage treatment works. Also, during the presentation, our younger engineers could understand more on the working sequences of sewage treatment works and the technologies using in sewage treatment works.



We would like to express our sincere gratitude to our guest speakers Ir William Yu of ARUP and Mr Willy Yu of ATAL for their outstanding introduction and presentation.

Finally, we would like to thanks the following parties for their support and cooperation to make this visit happened:

- Drainage Services Department
- ARUP
- ATAL Engineering Ltd

