



## THE INSTITUTION OF ENGINEERS, MALAYSIA

Bangunan Ingenieur, Lots 60/62, Jalan 52/4, Peti Surat 223,46720 Petaling Jaya, Selangor Darul Ehsan

Tel: 03-79684001/2 Fax: 03-79577678 E-mail: [sec@iem.org.my](mailto:sec@iem.org.my)

IEM Homepage: <http://www.myiem.org.my>

# Talk on Sludge control for Industrial Wastewater and Sewerage

organised by :

Environmental Engineering Technical Division, IEM

BEM Approved CPD/PDP Hours: 2

Ref. No. IEM19/HQ/315/T

Date : 20<sup>th</sup> August 2019 (Tuesday)  
Time : 5.30pm – 7.30pm (Refreshments will be served at 5.00pm )  
Venue : Auditorium Malakoff, Ground Floor, Wisma IEM, Petaling Jaya  
Speaker : Mr. Jerry Yu

### SYNOPSIS

Sewage sludge is a byproduct of treated wastewater. It is composed of both organic and inorganic materials, a large concentration of organic chemicals, as well as pathogens. Therefore, it is extremely important to control the sludge waste from the beginning. It involves various stages of controlling until it reaches the packing stage before it is disposed according to regulations. Thus it will minimize the environmental repercussions.

In this talk audients will be introduced various technology of sludge collections system which involves material handling technology starts from dealing with the dewatered sludge, or called biosolids which is the residual of wastewater treatment plant after cleaning the water. There are few equipments used in the sludge control i.e. shaftless or shaft screw conveyor, Piston pump technologies to move the material, and Sliding frame, Rotary discharger and Live bottom silo technologies to storage and discharge.

### SPEAKER BIODATA

Mr. Jerry Yu graduated in 1995 from Dongbei University of Finance and Economic, with BEc in Construcion Engineering Budget. In 1998, start to work in Dewatered sludge handling field, now as the VP of SDMC America Technology Inc.. He had applied Sludge Handling System in more than 70 wastewater plants both in China and US for Municipalities, some with his patented technology. He has an extensive experience in areas of design, construction, project management, contract administration and plant commission of Sludge Handling projects in WTP which size from 20,000 ton/day to 12MM ton/day.

**Ir. Choo Chee Meng**  
Chairman  
Environmental Engineering Technical Division. IEM

### FEE ANNOUNCEMENT (Effective: 1<sup>st</sup> October 2017)

#### Members:

- (i) Registration Fee: No Charge
- (ii) Administrative Fee:
  - (a) Online RM15
  - (b) Walk-In RM20

#### Non-Members:

- (i) Registration Fee: RM50
- (ii) Administrative Fee: RM20

- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- To secure your seat, kindly register online at [www.myiem.org.my](http://www.myiem.org.my)

#### Personal Data Protection Act:

I have read and understood IEM's Personal Data Protection Notice published on IEM's website at [www.myiem.org.my](http://www.myiem.org.my) and I agree to IEM's use and processing of my personal data.