Technical Seminar on

"Advanced External Corrosion using a 3D Laser Scanner"

Presented by Mr. Jake Ho

VENUE   :   Level 1, Training Room T1C,

9, Jurong Town hall road, Trade association hub,

Singapore 609431

DATE   :   Friday, 31 Aug 2018

TIME   :   6 – 7 PM – Registration and Networking

7 – 8 PM - Technical Seminar

8 – 8.30 PM - Question and Answer Session.

8.30 – 9 PM - Dinner

Event Sponsor: CREAFORM, Singapore- A Business Unit of Ametek, Inc

RSVP:

S.K Babu – 9111 0635
P. Pugalendhi – 9105 2231
Jayesh Bhatt – 9735 4180

Admission Fee: Pre-register by e-mail -   Free-of-charge

Please register by e-mail to **membership@ndtss.org.sg** **BEFORE**

24 Aug 2018 to allow the society to better plan for the event and

prevent wastage of food or resources.

About the Seminar:

"Advanced External Corrosion using a 3D Laser Scanner"

ABSTRACT

Pipeline operators and Refinery operators are getting increasing pressure from regulatory authorities and environmentalists to guarantee the integrity of their asset, while facing financial pressure to minimize their maintenance cost. This presentation presents a new approach to external corrosion and mechanical damage direct assessments using a 3D laser scanner with dedicated software. The improvements over other traditional non-destructive-testing (NDT) techniques such as manual pit gauge will be discussed. We will illustrate how the latest 3D optical innovations support the need for improved data quality, inspection speed and repeatability for this application. The scanner can acquire the damaged surface with constant accuracy in a vibrating field environment by replacing typical mechanical attachments with a contactless dynamic referencing system. Compliance with existing code is of essence and therefore serves as the starting point for the analysis tool. Demonstration of the system capacities applied to this specific application will be discussed.

About the speaker:

Jake Ho Shun Jie

Jake Ho has been in the NDT Industry for the past 6 years. Currently he is the NDT Regional Manager for Creaform, a Business Unit of Ametek, Inc. His past experiences include focusing on the sales of advanced NDT technology to the South-east Asia region NDT market representing Olympus Singapore.

Thanking you, For & Behalf of NDTSS

P.Pugalendhi (Pugal),

Honorary Secretary.