



NON-DESTRUCTIVE TESTING SOCIETY (SINGAPORE)

9, Jurong Town Hall Road, #02-21, Singapore – 609431

Tel: +65-62570370 / Email: membership@ndtss.org.sg / www.ndtss.org.sg

TECHNICAL SEMINAR ON QSA GLOBAL'S NEW GEN GAMMA PROJECTOR: THE 1100 SERIES PROJECTOR - FOR ENHANCED FIELD PERFORMANCE

Presented by: Mr. Firdaus bin Idin, QSA Global

Venue : Training Room T1C, No. 9 Jurong Town Hall Road, TA Hub

Organizer : NON-DESTRUCTIVE TESTING SOCIETY (SINGAPORE)

Date : 17th July 2026 (Friday)

Time : 6.00 – 7.00 PM - Registration and Networking

7.00 – 8.00 PM - Technical Seminar

8.00 – 9.00 PM - Dinner

Event Sponsors: NDT Instruments Pte Ltd, QSA Global, and Sentinel Asia

Cost: Free for members; S\$50 for non-members

Registration: Members may register by emailing Mr. R. Nath Kaushal, Chair, Membership, at membership@ndtss.org.sg.

Online registration is also available at <https://ndtss.org.sg/events/>.

Registration deadline: 10th July 2026

Don't miss this opportunity—register early. For enquiries, please email membership@ndtss.org.sg.

ABSTRACT

This presentation details the engineering advancements behind the new 1100 Series Projector, which builds upon the performance standards of the 880 series. Through rigorous field data analysis, the 1100 Series introduces significant hardware upgrades aimed at extending service life and enhancing operational safety, including a redesigned S-tube that achieves double the service life of previous models. This design also features a complete redesign of the locking mechanism using a small format interchangeable core (SFIC) for easier field replacement, as well as a weight reduction of over 10% coupled with improved shielding performance.



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The presentation will also cover the introduction of the 'VisiConnect' source assembly, which ensures correct source-to-device compatibility to meet IATA transport standards. Furthermore, the device incorporates improved indicators for lock-slide position and bayonet connection status to provide clearer operator feedback. Attendees will gain insight into how these design principles maintain 100% compatibility with existing 880 series accessories, such as controls and guide tubes, allowing for seamless integration of these safety and durability improvements into current operations.

About the speaker:



Firdaus Idin is the SEA/Australia Regional Manager for QSA Global.

Sentinel-Asia is the Asian branch of QSA Global Inc, manufacturer of the 880 Gamma projector Series, Industrial Radioisotopes for NDT and various other NDT equipment.

Before transitioning to his current role, he gained extensive hands-on experience in field NDT operations. He furthered his career by becoming a BINDT PCN trainer, as well as a Malaysian JPK RT certified trainer and examiner, bringing deep technical and practical expertise to his work in supporting industry standards for safety, reliability, and equipment deployment.

Thank you.

For & Behalf of NDTSS

**P. Pugalendhi (Pugal),
Honorary Secretary.**