

Emerson sets new safety standards

LONDON: After rounds of audits in all world areas, the TÜV organisation has certified that all of the engineering work done by safety instrumented systems engineers from Emerson Process Management consistently meets the requirements of the IEC 61511 global standard for functional safety in the process industries.

The certificates were presented to Phill Turner, SIS project operations manager of Emerson by Josef Neuman of TÜV.

Certification applies to all worldwide engineering of the Emerson unique smart SIS that extends the innovations of PlantWeb digital architecture to enable customers to implement safer process plants and facilities.

DeltaV safety instrumented systems use information from the intelligent field devices within the PlantWeb architecture.

Comprising 16-channel modular logic solvers, the DeltaV SIS system can be deployed in distributed fashion to perform programmable electronic system functions for virtually any



Phill Turner of Emerson receives the certificates from Josef Neuman of TÜV

process safety need.

The DeltaV logic solvers are the heart of the smart SIS total-loop safety approach.

Only Emerson offers this approach that is implemented using the world's broadest range of products certified in compliance with international standard IEC61508 for safety functionality.

In addition to the DeltaV SIS systems, the smart SIS solutions from Emerson integrate Fisher digital valve con-

trollers, Rosemount temperature and pressure transmitters, and Micro Motion Coriolis flow meters.

The Emerson European engineering group was the first in the world to meet the IEC 61511 standard, followed by their colleagues in the Americas and Asia Pacific. Emerson professional safety personnel and services organisations help customers plan and implement smart SIS solutions to comply with the

new IEC 61511 safety standards.

Expert services include assisting the customer with process hazard analysis and risk assessment, along with smart SIS design, implementation, and commissioning.

"We determined at the outset of our SIS programme that we would have one standard, worldwide, for our engineering groups working on safety instrumentation systems," said Phill Turner.

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