An Overview of Functional Safety – IEC61511 and IEC61508

Synopsis: The presentation will provide an overview of two important standards for managing hazards in process and other industries. Key concepts such as Functional Safety Management, Competency, Assessment, Verification and Validation will be discussed and the safety lifecycle will be reviewed, so that the responsibilities for various players in a typical project (design contractors, systems integrators, end users) can be understood. The legal status of the standards will also be explained.

The standards being presented are complex and detailed - but they are based on a simple risk based approach, married to sound engineering practices. The presentation will focus on describing these basic elements so that the requirements of the standards can be seen in context of the overall approach.

This lecture will be of interest to automation, mechanical and process engineers, and anyone else involved in the implementation of automated safety systems.

Speaker: Dil Wetherill is a Chartered Engineer and Functional Safety Expert, is the chair of the 61508 Association, sits on the BSI committee with responsibility for developing functional safety standards and is a member of the Safety Panel for the Institute of Measurement and Control. He is the UK managing director of Risknowlogy Ltd, which provides functional safety training courses, consultancy and product certification.

Date/ Time: Monday, 9th November at 19:00; Tea & Coffee from 18:30

Venue: Rochestown Park Hotel

Booking: Not required. This is a public lecture open to all.

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[See website for discount on eBook ‘SIL and Functional Safety in a Nutshell’]