

Independent Safety Assessment and ISO 26262 Process Auditing

Level:

N/A

Entry Qualification:

Prior training or experience with ISO 26262

Duration / Assessment:

4 days

Study Method:

Classroom

Location:

SAFER
Lindholmspiren 3A,
Lindholmen Science Park,
Göteborg, Sweden

Date:

2nd to 6th September 2019
Monday lunchtime until
Friday lunchtime

Price:

£1,400.00 per delegate
Maximum number of
delegates: 16

Aim of the Course:

The aim of this course is to provide delegates with the ability to plan, conduct and report independent safety assessments and process audits in line with the requirements of ISO 26262:2018.

Introduction to the Course:

HORIBA MIRA and SAFER Vehicle and Traffic Safety Centre are proud to offer this course as a joint venture contributing to zero accidents in traffic. SAFER is a competence centre where about 35 partners from the Swedish automotive industry, academia and authorities cooperate to make a centre of excellence within the field of vehicle and traffic safety.

ISO 26262 requires that items or elements with safety requirements that carry higher-level ASILs are subject to a safety assessment and are developed according to a process that has been independently audited to show its conformance with the standard. HORIBA MIRA has extensive experience in acting as an independent assessor and auditor for a range of customers both in the UK and overseas. HORIBA MIRA's experience and expertise in this area is distilled into this course to enable delegates to perform their own internal safety assessment and auditing.

This 4 day Course Comprises:

- Tutor-led learning
- Extensive practical exercises
- Interactive group work
- Certificate upon successful completion

The Course Content will Include:

Independent Safety Assessment:

Introduction to Independent Safety Assessment:

- Overview of functional safety and ISO 26262
- Nature and purpose of safety assessment
- ISO 26262 requirements relating to safety assessment
- Relationship between safety assessment and other ISO 26262 confirmation measures

Independent Safety Assessment Theory:

- Relationship to the safety case
- Relationship to ISO 26262 objectives
- Safety assessment findings classification and outcome
- ISA scoping options

Independent Safety Assessment in Practice:

- Planning a safety assessment
- Conducting a safety assessment
- Reporting a safety assessment

Independent Safety Assessment and ISO 26262 Process Auditing

ISO 26262 Process Auditing:

Independent to ISO 26262 Process Auditing:

- Nature and purpose of functional safety process audits
- ISO 26262 requirements relating to functional safety audits
- Relationship between functional safety audits and other ISO 26262 confirmation measures

ISO 26262 Process Auditing Theory

- Management systems
- Process modelling
- The audit cycle

ISO 26262 Process Auditing in Practice

- Planning a functional safety audit
- Conducting a functional safety audit
- Reporting a functional safety audit

Additional Information

Delegates attending this course are expected to have attended HORIBA MIRA's 5-day "Automotive embedded systems using ISO 26262" course or an equivalent, and/or be able to demonstrate sufficient "on the job" functional safety experience. This course is not suitable for delegates with no prior knowledge of ISO 26262.

During the week delegates will be briefly introduced to the safety research at SAFER and get the possibility to attend a lunchtime seminar and meet with traffic safety researchers.

Further Information

To find out more about this course, please contact us by email:
training@horiba-mira.com