

AL Safety Design

Risk Management of Technical Systems

AL Safety Design Ltd

is an independent consulting firm, founded in 1991. The services include:

- Reliability,
- Safety,
- Product Assurance and
- Conformance Engineering

We are located in Helsinki (Metropolitan), Finland. The company is privately owned and independent.

Our international customers include major companies in energy technology, chemical industry, aerospace and electro-technical industry.

The assignments are carried out according to the latest Reliability, Safety, Quality and Environmental standards.

We enable our customers to develop superb technology products

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Risk Management Consulting for technical systems and products.

- **Risk Assessments, Safety**

- Independent 3rd party risk analyses for products and systems
- Methods: Hazop, SIL, LOPA, D-FMEA, P-FMEA, etc
- Product Safety Conformance, CE
- Analysis of safety critical automation, electronics and software

- **Risk Management and Reliability Engineering**

- Risk Management: Systematics, procedures, tools, documenting
- Safety Plans, Reliability Program Plans
- Reliability engineering in product development: FMEA, MTBF, RAM
- RAM, RCM, LCC for processes, machinery.

- **Product Assurance and Conformance Engineering**

- Functional Safety: EN 61508, EN 61511, EN 13849, EN 62061, procedures, training
- Risk Management for Medical Instruments EN ISO 14971
- Product Assurance for high tech products: electronics, embedded systems. Space instruments as in ESA ECSS-standards)

Training Courses: www.reliabilityacademy.fi

Customers: ABB, Cargotec, Wartsila, Metso Power, Sandvik, Kone Corp, Neste Oil, STX Europe, Outotec, Jaakko Pöyry International etc.

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