

# AL Safety Design

## Risk Management and Safety Analysis

### AL Safety Design Ltd

is an independent consulting firm, which was founded and started its operation in 1991.

The services include:

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

Our main office is in Helsinki (Espoo), Finland. The company is privately owned by its employees.

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.

### Reliability, Safety and Product Assurance Services

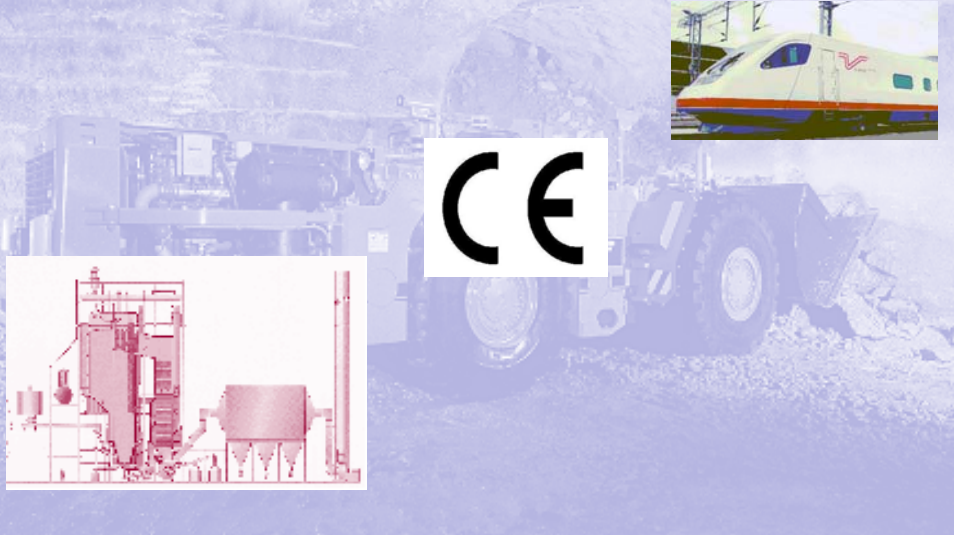
#### AL Safety Design Ltd

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**AL Safety Design** is specialized in analyzing technical systems and high technology products with regard to *accident risks, production losses, shutdowns and worker safety*. We also help to prove the conformance of safety systems according to EN 61508, EN 62061 and EN 13849 standards. Our services:

#### • Safety and Risk Management

- Safety Documentation and reports
- Risk Management in product development projects
- Liability risk management

#### • Risk Analysis Services

- Risk Analysis Documentation and reports
- Hazard Analysis: process, machinery and equipment
- FMEA / FMECA analysis
- Product safety, CE-conformance
- SIL- and PL-evaluations, EN 61508, EN 62061, EN 13849.
- Analysis of safety critical automation, electronics and software

#### • Product Assurance and Liability Risk Management

- Documents, Procedures and analyses required by standards
- Conformance Engineering
- EN 61508, EN 13849, EN 62061, procedures, documentation
- ISO9000, OHSAS18001

Company specific training courses are also available, based on many years experience of in various industries. See [www.reliabilityacademy.fi](http://www.reliabilityacademy.fi) .

AL Safety Design's safety analysis references: Neste Oil, STX Europe, Wärtsilä Fuel Cells, ABB, Outotec, Kone Corp., JP International, Sandvik, Metso Paper etc.

