

Machinery (MD) (Directive 2006/42/EC) and machinery for pesticide application (Directive 2009/128/EC); Lifts (LD) (Directive 2014/33/EU) and Cableway installations designed to carry persons (CWR) (Regulation (EU) 2016/424)

Please consult the Call for Expression for full information on the specific tasks, general specifications and the application. Specific requirements for this sector include:

Qualifications

- Master degree (or equivalent) an adequate area of engineering and 8 years of proven relevant professional experience,
or
- Bachelor degree (or equivalent) an adequate area of engineering and 10 years of proven relevant professional experience,
or
- An outstanding proven relevant professional experience of at least 15 years

Expertise

- A proven track record of working with harmonised and international standards in the field of machinery (directly or indirectly)
- A proven track record of working with harmonised and international standards in the field of lifts and safety components for lifts and cableway installations as well as in the field covered by Directive 2006/42/EC on machinery
- Knowledge of LD legislation, Guide to Application of the Lifts Directive and other guidance documents issued by the Commission and the Lifts Working Group as well as knowledge of the Recommendations of Use documents prepared by the coordination group of Notified Bodies Lifts.
- Knowledge on Regulation (EU) 2016/424
- Knowledge of Directive 2006/42/EC and Directive 2009/128/EC
- Knowledge of related new approach directives, in particular Radio Equipment, ATEX, EMC, Pressure Equipment, as well as Lifts and Low Voltage Directives.
- Knowledgeable on related new approach directives, in particular Machinery Directive but also legislation in the fields of e.g. EMC, Radio Equipment, Low Voltage, Noise and Accessibility to the extent relevant for the Lifts sector
- Experience with various lift designs and their safety components as well as other components, devices and specific tools for maintenance and servicing (mechanical, electrical, electro-mechanical, software, etc.)
- Expertise with manufacturing technologies, test methods and with new emerging technologies and their safety prospects.
- Expertise with new emerging technologies and their safety prospects

Candidates should have preferably a good understanding of the following topics:

- Safety engineering and risk assessment techniques
- Mechanical engineering
- Electrical engineering
- Materials technology
- Pressurised equipment
- Electronics

- Programmable control systems and functional safety
- Explosion prevention
- Ergonomic/accessibility
- Emission of and exposure to hazardous emissions (substances, radiation)
- Acoustics and vibration