



## LIFTS INSPECTIONS & CERTIFICATION

### WHO IT MAY CONCERN:

The inspection / certification services of lifts and lifts safety components are addressed to manufacturers, installers, maintainers of lifts and lifts safety components and also to building's owners and building's administrators.

The inspection of a lift includes a detailed examination of the lift and all related equipment. The purpose of the inspection is to identify any defects that are or may be hazardous and to examine the effectiveness and functionality of all safety components to ensure the protection of users.

It is important the lift inspections not to be confused with the lift preventive maintenance.

### CERTIFICATION OF NEW LIFTS & LIFTS SAFETY COMPONENTS

In the European Union all new lifts, before being put into service, shall be inspected and tested in order to determine their safety and compliance with the European Lift Directive 2014/33/EU and the relevant Harmonized Standards.

The purpose of the inspection / certification of a new lift is to ensure a uniform level of safety for new lifts in all countries of the European Union.

These CE lifts inspections / certifications are performed by Notified Bodies in the European Union.

The services provided by a Notified Body, as EUROCERT SA, in the field of inspection and certification of new lifts and lifts safety components, according the European Lift Directive 2014/33/EU, are the followings:

- Final inspection for lifts, Annex V
- Conformity based on unit verification for lifts, Annex VIII
- Conformity to type based on product quality assurance for lifts, Annex X
- Conformity based on full quality assurance plus design examination for lifts, Annex XI
- Conformity to type based on production quality assurance for lifts, Annex XII
- EU-type examination of lifts, Annex IVB
- EU-type examination of safety components for lifts, Annex IVA



- Conformity to type based on product quality assurance for safety components for lifts, Annex VI
- Conformity based on full quality assurance for safety components for lifts, Annex VII
- Conformity to type with random checking for safety components for lifts, Annex IX

## PERIODICAL INSPECTION OF EXISTING LIFTS

The periodical inspection of an existing lift aims, through a thorough examination and testing, to reassure that the lift keeps the safety level of the installer's specifications and is still working properly.

More than 50% of the lifts that are in use today were installed more than 20 years ago. Existing lifts were installed to the safety level appropriate at that time. This level is less than today's state of the art for safety. The periodical lifts inspections aim also to check the improvement of safety according the relevant Standard EN81-80 and any national legislation applied in each country.

The time intervals between the periodical inspections of lifts depend on the national legislation applied in each country (if any). However the age, the life cycle, the design parameters, the technology of each lift and the conditions of the place where the lift operates must be considered. Generally a period of six to twenty four months is considered as appropriate between the periodical inspections of an existing lift.

## THE GOALS AND BENEFITS OF LIFTS INSPECTIONS & CERTIFICATION

- Single framework of rules within the EU
- User security assessment /upgrade
- Critical reduction of the frequency of accidents
- Contribute to the long-term good operation of the lift installation
- Compliance to the requirements of the Legislation and Standards
- Assure the safety, performance and integrity of the lift and its components
- Ensure that the lift and its components are regularly assessed, tested and inspected at the right time and in-line with the requirements of the Standards
- Verify the design of the lift according to international design codes



### Why with EUROCERT SA:

**Independence:** EUROCERT is a Greek Independent Certification Body, with highly trained scientific inspectors and experienced in the field they operate, founded by scientists with many years of experience in audits and inspections, with offices in 50 countries in Europe and Asia.

**Validity:** EUROCERT is a Notified Body in the European Union with registration nr 1128 for the inspection / certification of Lifts and Lifts Safety Components and an Accredited Body by the Greek Accreditation Council (ESYD), with accreditation certificates nr 3, 21 and 53.

**Experience:** More than 20 years of activity in the inspection / certification of Lifts and Lifts Safety Components.

