

Industrial Life Cycle Services Bulletin

Lifts under Lifts Directive Subject to Significant Refurbishment and Modification

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This bulletin aims to provide a common TIC Council guidance of what can be considered a “significant refurbishment” and “substantial modification” of lifts covered by the Lifts Directive, since the directive does not cover operation and modifications of lifts. Refurbished or modified lifts previously declared in conformity with the Lifts Directive and CE marked should still comply with the essential health and safety requirements of the Directive.

Throughout the service life of any lift installation, there may arise a need for refurbishment or modification. If such refurbishment or modification does not fundamentally change the safety characteristics and, more importantly, the risk profile of the lift installation, then the original certification remains valid. This is typically the scenario when dealing with like-for-like replacements of worn and/or outdated components.

However, if significant refurbishment and/or major modifications are undertaken on an existing CE-marked lift installation, the lift should continue to meet the relevant essential health and safety requirements of the Lifts Directive after such refurbishment or alteration.

In order to provide some degree of guidance, it is considered that significant refurbishment and/or major modification would include the following [not exhaustive list]:

1. Lift well
 - changes in the number of access points to the lift well
 - changes to the construction materials of walls, floor and ceiling of the car
 - changes in dimension of lift well
 - changes to the available safety clearances
2. Machine and pulley room
 - relocation or elimination of the machine room
 - change of accessibility
3. Lift well doors
 - change of numbers and/or alteration of the location
 - change in the nature or the dimensions
 - change in locking components
4. Car and counterweight
 - change in the nominal load or dimension
 - addition of one or more car doors
 - changes to the usable area of the car
 - change in car door locking components
5. Suspension and compensating means, over-speed protection and unintended car movement
 - change in safety components: buffer
 - change in safety components: safety gear
 - change in safety components: overspeed governor

Revisions/Reaffirmations

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- change in safety components: protection against unintended car movement
 - change in type and/or characteristics of suspension and compensating means.
6. Drive systems
- change in the nominal speed
 - changes to or of the type of the drive system
7. Electrical systems and devices
- change in safety components
 - modification or addition of components and devices in or connected to the safety circuit
 - change of the control system (state of the art)

The organisation undertaking the refurbishment or modification should ensure and document that the essential health and safety requirements of the Lifts Directive are met by the refurbished or modified lift.

Additionally, independent verification of the lift's safety after refurbishment or modification may be required by national regulations.

It is recommended that the document pertaining to the conformity of the refurbished or modified lift, along with relevant test records and supporting documentation (in a language readily understandable to the end user), should be retained for at least 10 years after the completion of the refurbishment or modification.

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