

The Liftinstituut Energy Performance Certificate: an independent demonstration of the energy performance of your lifts



Clarity about the energy consumption of your lifts

The demand for increased sustainability of the built environment is becoming ever more insistent. Not only in Europe, but also worldwide. Investors, project developers and housing corporations are capitalising on this, not only because sustainability is an aspect of doing business in a socially responsible manner, but also because it is already evident that sustainable, energy-efficient buildings retain their value relatively better. This is partly due to their lower operating costs.

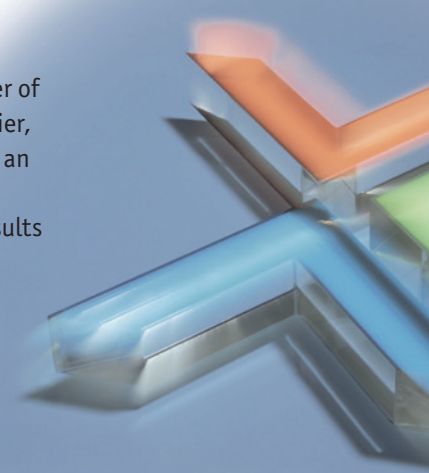
Important to the manufacturer and customer

Certificates that make the sustainability of buildings visible already exist. Besides these, Liftinstituut is now introducing a certificate with which the energy performance of lifts is demonstrated independently. Liftinstituut's Energy Performance Certificate, with its associated energy label, provides certainty about the lift's energy consumption, which is important not only to the lift's manufacturer, but also to the customer.



Measurement is knowledge

A lift's energy consumption is dependent on its constructional environment, on the manner of installation and on the nature of the usage. For this reason, after installation by the supplier, Liftinstituut measures the lift's energy consumption both in its stand-by mode and during an upwards and downwards journey, during which the doors open and close once. This energy consumption, related to the lifting height, the permissible loading and the usage mode, results in a reference value. This translates in turn into an energy label. All this based upon the internationally accepted VDI 4707:1 guideline and ISO 25745.



One objective assessment, recorded in writing

Liftinstituut evaluates objectively and independently. After the Energy Performance Measurement, you receive a report that clearly summarises all our findings, and of course the Energy Performance Certificate. We also affix the associated energy label to the inside of the lift.



Measuring energy performance of lifts in accordance with EN 25745

Recently the international Standard for the Energy performance of lifts, escalators and moving walks (ISO 25745) has been published. This new standard consists of three parts, under the general title Energy performance of lifts, escalators and moving walks:

- Part 1: Energy measurement and verification
- Part 2: Energy calculation and classification for lifts (elevators)
- Part 3: Energy calculation and classification for escalators and moving walks

ISO 25745 Parts 2 and 3 are being prepared in response to the rapidly increasing need to ensure and to support the efficient and effective use of energy. The overall purpose of this new standard is to provide the following:

- A method to estimate energy consumption on a daily and an annual basis for lifts
- A method for energy classification of new, existing or modernised lifts

Liftinstituut has much experience in measuring energy consumption and energy-labelling of lifts and escalators in accordance with EN 25745 Part 2.

More information?

Do you want more information? Make an appointment with our account manager Dennis Lindeboom: call +31 20 435 06 06 or send an e-mail to contact@liftinstituut.com. You can also visit www.liftinstituut.com.

