Workshop Energy

PORTUGAL
National Energy Regulations

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1. EPBD transposition: Decree 118/2013
2. Energy performance for lifts: Ordinance 349-D/2013
3. Energy labeling
4. Next steps
1st Step: Transposition of the Directive 2010/31/EU: Decree 118/2013 of August 20th

Including:

- **Article 2.º - Definitions**
  - Technical system, a set of equipments associated to the climatization process, including ............., as well lifts and escalators.

- **Scope: Commerce and Service Buildings**

- **Article 35º - Efficiency of technical systems**
2nd Step:
Ordinance 349-D/2013 of December 2nd

- Scope: Requirements of conception related to the thermal quality of the building and the efficiency of technical systems.

Lifts
The lifts to install in new buildings of commerce and services must be in accordance with the minimum of efficiency requirements as shown on the table below.

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Category of use</th>
<th>Class of efficiency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lifts</td>
<td>All</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Entry in force</td>
<td>31 December 2015</td>
</tr>
<tr>
<td>Lifts</td>
<td></td>
<td>C</td>
</tr>
<tr>
<td>Lifts</td>
<td></td>
<td>B</td>
</tr>
</tbody>
</table>
• The methodology to achieve the classification of the lifts will be defined by an Order of the GD of Energy (Energy Ministry) based in ISO 25745-1/2
  – Expected to be published soon
• After 31 of December 2015 the classification of the lift must be evidenced by a label of energy performance

• Additionally the lifts to install must comply with:
  – Car lighting: illumination type and control (after the publishing of the order)
  – Standby/Sleep mode: all the lifts installed after 31 December 2015
  – Energy regeneration: all lifts installed after 31 of December 2018
Connection to the Building Energy Performance Certificate

• To determine energy efficiency indicator of non-residential buildings

• To evaluate if the lift complies with the minimum requirements set in the national law 349-D/2013
SEEP Lifts: energy labeling

Procedures of measurement and verification of energy consumption methodology

Energy labeling

Measures of improvement of the energy performance of lifts
Energy Labeling

Lifts

(Energy class, ID number, Type of lift, Anual consumption, Energy Class in standby and manoeuvre, Identification of installer)

Escalators

(Energy class, ID number, Type of escalator, Power, available technologies Power off, slow speed and auto start, Identification of installer)
Next Steps

Publication of a National Order to adopt ISO 25745-2 as a tool to support a methodology for classification.

Preparation of on-line platform to registration and issuing of energy labels for lifts and escalators.

Financing of energy audits for existing lifts in non-residential buildings

400 m€ of the energy efficiency fund.

Entry into force and operation of the energy labeling scheme for lifts and escalators.

May-2015
Sep-2015
Sep-2015
Jan-2016

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Thank you for your attention