



## EC design examination certificate

according to lift directive 95 / 16 / EC  
annex XIII, number 3.3

**Certificate no:** FELESA S.L. EPR 005

**Notified body:** TÜV SÜD Industrie Service GmbH  
Westendstr. 199  
80686 München – Germany

**Applicant / Certificate holder:** FELESA – Fabricación de Elevadores S.L  
Poligono Industrial Rio Gállego, calle C, 28  
50840 San Mateo de Gállego  
Spain – Zaragoza

**Date of application:** 2012-04-12

**Manufacturer:** FELESA – Fabricación de Elevadores S.L  
Poligono Industrial Rio Gállego, calle C, 28  
50840 San Mateo de Gállego  
Spain – Zaragoza

**Product:** Elevator cars without an sufficient apron for the use in lift shafts with low pits

**Type:** Traction drive, hydraulic and indirect acting hydraulic elevators

**Deviation:** EN 81-1:1998+A3:2009 (D), number 8.4  
EN 81-2:1998+A3:2009 (D), number 8.4

**Test laboratory:** TÜV SÜD Industrie Service GmbH  
Prüflaboratorium für Produkte der Fördertechnik  
Prüfbereich Aufzüge und Sicherheitsbauteile  
Gottlieb-Daimler-Str. 7  
70794 Filderstadt - Germany

**Date and number of the test report:** 2012-04-23  
FELESA S.L. EPR 005

**EC-Directive:** 95 / 16 / EC

**Result:** The realized compensatory measures for the deviation conforms to the essential safety requirements of the Directive for the respective scope of application stated in the annex (page 1) of this EC design examination certificate, keeping the mentioned conditions.

**Date of issue:** 2012-04-23

Certification body for lifts and safety components  
Identification number: 0036

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**Annex to the EC design examination certificate  
no. FELESA S.L. EPR 005 dated 2012-04-23**

**1 Scope of application**

Traction drive, hydraulic and indirect acting hydraulic elevators falling within the scope of validity of the Directive 95/16/EC (Lifts Directive) with an elevator car without a sufficient apron for the use in lift shafts with low pits.

**2 Deviations**

- 2.1 The elevator car apron for the use in lift shafts with low pits do not comply with EN 81-1:1998+A3:2009, number 8.4.

**3 Conditions**

- 3.1 A car door locking device, tested in accordance with EN 81-1/2:1998+A3:2009, Annex F1, have to be used to prevent an opening of the car door from inside the car when the lifts is positioned outside the unlocking zone of a landing.
- 3.2 In case it is required by the corresponding car door locking device, an emergency power system for the car door which allows an automatically opening of the car door in the unlocking zone, even during power failure, have to be installed.
- 3.3 The unlocking zone resp. the zone for levelling and re-levelling with open doors must be less than the vertical part of the short car door apron in order to prevent a shearing hazard.
- 3.4 The Rescue instructions must indicate that the elevator car have to be taken to the next level before people can be evacuated.
- 3.5 In case it is not possible to move the elevator to the next landing, there need to be a removable apron, stored in the machine room or enclosure of the elevator, with the necessary instructions for its use.
- 3.6 The removable apron (drawing number A-60.80.004 dated 2012-03-05) need to be mounted according to the assembly instruction (drawing number A-60.80.005 dated 2012-03-12).
- 3.7 Warning signs on the vertical part of the (short) car door apron and on the controller must indicate the falling hazard, in case of an emergency evacuation of trapped persons in the car, if the removable apron is not mounted.
- 3.8 The mechanical strength of both aprons must be in accordance with EN 81-1/2:1998+A3:2009, number 8.6.7. which is indicated in the drawing (drawing number A-60.80.004 dated 2012-03-05).
- 3.9 The conditions for the unintended car movement according to EN 81-1/2:1998+A3:2009, number 9.11 must be kept. Therefore, a free vertical height of more than 200 mm under the (short) car door apron must not be possible.
- 3.10 The lift may only be installed in a weatherproof environment. When installed outside, the ambient conditions and their impacts on the unit must be checked separately.
- 3.11 For the installation of the lift in a building, the requirements of the member states as regards the constructional measures – protection against fire or state-specific laws – must be observed.
- 3.12 It is not permitted to operate the lift in an environment that is exposed to the danger of explosion.

**4 Remarks**

- 4.1 Precondition for the validity of this certificate is, that the installer applies and maintains a full quality assurance system for lifts, as per Directive 95/16/EC, Annex XIII (module H).
- 4.2 The EC design examination certificate may be used only in connection with the pertinent Annex, the assembly instruction of the removable apron (drawing number A-60.80.005 dated 2012-03-12 with certification stamp dated 2012-04-23) and the principle construction of the removable apron (drawing number A-60.80.004 dated 2012-03-05 with certification stamp dated 2012-04-23).
- 4.3 In case of changes or deviations from the version presented for the EC design examination and documented here there has to be performed a review (eventually with assessment of the adapted compensatory measures) by the Notified Body.

**Note:** The English text is a translation of the German original. In case of any discrepancy, the German version is valid only.