

# EC - TYPE-EXAMINATION CERTIFICATE

**POTA**

CE Nr. 2187

Notified body for lifts and  
safety components for lifts



**POTA**



PRÜFORGANISATION TECHNISCHER ANLAGEN CE 2187

**Inspection agency**

**Kitzbühel**

A 6370 Kitzbühel, Hornweg 31

www.pota.at

office.kitz@pota.at

# ZERTIFIKAT - CERTIFICATE

**EG BAUMUSTERPRÜFBESCHEINIGUNG**  
gemäß Maschinenrichtlinie 2006/42/EG

**CERTIFICATE OF EC-TYPE EXAMINATION**  
according to the directive 2006/42/EG

Name der zugelassenen Stelle:  
Name of the notified body:

POTA  
Hornweg 31  
A – 6370 Kitzbühel  
ID - Nr.: 2187

Nummer der Baumusterprüfung:  
Type-examination No:

POTA-KI-2019.02

1.) Art, Kategorie, Typ und Markenbezeichnung:  
Category, type and trade name:

platform stairlift, PLG 7  
type description: "Straight"

2.) Name und Anschrift des Herstellers:  
Manufacturer's name and address:

Ascendor GmbH, Liftechnik  
Drautendorf 48  
4174 Niederwaldkirchen

3.) Name und Anschrift des Inhabers der Bescheinigung:  
Name and address of the certificate holder:

Ascendor GmbH, Liftechnik  
Drautendorf 48  
4174 Niederwaldkirchen

4.) Das Zertifikat wurde ausgestellt auf Basis:  
Certificate issued on the basis of the following requirement:

machinery directive  
2006/42/EG

5.) Inspektionsstelle:  
Inspection:

POTA  
Hornweg 31  
A – 6370 Kitzbühel

6.) Datum und Nummer des Prüfberichts:  
Date and number of the inspection report:

23.09.2019  
POTA-KI-2019.02 PB

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- 7.) Datum der EG – Baumusterprüfung:  
Date of the EC – type –examination: 05.09.2019
- 8.) Unterlagen als Anhang zu diesem Dokument:  
Documents annexed to this certificate: audit report no°  
POTA-PLG7-09-2019/V1  
test safety gear (company  
Ascendor on 19.10.18)  
Risk analysis of 6.9.19
- 9.) Ergebnis:  
result: the platform stairlift PLG 7  
corresponds with  
EN 81-40:2009 as well as with  
EN81-40:2018-01 and  
directive 2006/42/EG
- 10.) Auflage:  
Condition: the legal basis  
and structural requirements  
at the respective place of  
installation need to be  
considered (e.g. requirements  
for public use)
- 11.) Geltungsdauer des Zertifikates:  
Period of validity of the certificate: 23.09.2024  
or until the amendment of  
relevant standards or  
guidelines. Furthermore  
changes to the product and  
the non compliance with the  
certification by the  
manufacturer are not  
permitted.
- 12.) Bemerkung Aktualisierung:  
Further remarks the respective country legal  
requirements must be  
observed.

Prüfingenieur POTA  
Inspection engineer POTA  
Ing. Michael Ebner



Inspektionsstelle POTA  
Inspection center POTA  
DI Paul Wunderer

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## Test report: POTA-PLG7-09-2019/V1

### 1. Scope of application:

- |                                      |  |
|--------------------------------------|--|
| 1.1. Load capacity:                  | standard: 225kg, max. 300 kg (option)  |
| 1.2. Terms of use:                   | max. 1 wheelchair, 1 person standing or on folding seat sitting, goods accompanied by a trained person   |
| 1.3. Minimum age:                    | 14 years or accompanied by a trained person  |
| 1.4. Own weight:                     | max. 125 kg  |
| 1.5. Conveying length:               | max. 50.0 m  |
| 1.6. Inclination:                    | 0° to 50°  |
| 1.7. Operating speed:                | max. 0.15 m/sec.   |
| 1.8. Access points:                  | any (at least 2)   |
| 1.9. Indoor/outdoor:                 | suitable for both ranges (-20°C to +40°C)<br>protective cover for outdoor use recommended  |
| 1.10. Platform dimensions:           | max. depth: 650 mm - 900mm,<br>max. width: 800mm - 1.300mm<br>note: national standards regarding<br>minimum carrying capacity and minimum area to be respected |
| 1.11. Platform area:                 | max. 1.04 m <sup>2</sup>   |
| 1.12. Control:                       | hold to run control on the platform and operating stations   |
| 1.13. Opening / closing of platform: | optional: self-retaining when actuated within<br>the visible range   |

### 2. Safety devices:

- |                             |   |
|-----------------------------|---|
| 2.1.1 Safety gear:          | timmer Ta0-RD/X6; test number TorFV 12/167<br>safety gear with electrical control   |
| 2.2. Emergency - Stop:      | next to the control buttons on the platform   |
| 2.3. Emergency call:        | signal horn on the platform<br>or emergency call system if required according to<br>standards update                                    |
| 2.4. Ramps and cover strip: | direction-dependent switching function of the access<br>ramps in direction of travel, contact strip on the side or top<br>if required   |
| 2.5. Platform underside:    | safety tray with switching function in downward direction   |
| 2.6. Foot protection:       | in place  |
| 2.7. Emergency operation:   | electrically via battery by pressing the<br>emergency button together with the respective operating<br>device (travel is in crawl mode) |

### 3. Drive

- |                          |  |
|--------------------------|--|
| 3.1. Type:               | DC - electric motor (worm gear)  |
| 3.2. Power transmission: | rack and pinion  |
| 3.3. Motor drive power:  | P= 400 W   |
| 3.4. Charging voltage:   | 230 V, frequency: 50 Hz  |
| 3.5. Drive voltage:      | 24V(DC) - battery operation  |
| 3.6. Emergency drive:    | battery emergency drive via emergency button on the rear<br>side and operating device in the respective direction of<br>travel |
| 3.7. Acoustic emission:  | < 63 dB(A)   |

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## 4. Technical equipment:

- 4.1. Guide rail: round tube and round rack with vertical connecting straps, welded or screwed construction
- 4.2. Radio transmitter: UHF 433 MHz - frequency band (6 aut. selected frequencies)

## 5. Remarks:

- 5.1 Preliminary and acceptance test: a preliminary and an acceptance test according to the local regulations must be carried out
- 5.2 Loads: the loads on the building caused by the installation are to be clarified with a structural engineer if necessary
- 5.3 Production controls: the manufacturer carries out production controls or allows random checks by the notified body in order to ensure compliance with the type examination and the current directives and standards
- 5.4 Labelling: the product is clearly labelled with the manufacturer's data (manufacturer, type, production number, year of construction, CE - sign, permissible number of persons, max. load capacity)
- 5.5 Documents: the certificates, operator documentation and conformity declaration must be kept at the place of installation
- 5.6
- 5.7 Terms and conditions: the terms and conditions regarding the use of the type examination certificate as e.g. their validity in relation to the current directives and standards, their period of validity, conformity to type must be observed.
- 5.8 Changes: all changes in the product design must be notified without delay to the notified body so that an update of the type examination can be performed.
- 5.9 Standards: the platform lift complies with the machinery directive (MRL 2006/42/EC) and EN 81-40:2009 or in preparation of EN 81-40:2018-01  
the following standards were also taken into account:  
EN 349, EN 12100, EN 13849, EN 13850, EN 13857, EN 14118, EN 14119, EN 14120, EN 60204-1
- 5.10 Public use: the regional regulations for public use are to be considered

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## 5. Sample unit:

