

# CERTIFICATE

## EC Type Examination

EC-Directive 2006/42/EC, Article 12, Section 3b  
Machinery

Number of registration: 01/205/0900C/19

Certification body for machinery NB0035  
at TÜV Rheinland Industrie Service GmbH  
herewith confirms for the company

**AVANTI WIND SYSTEMS TECHNOLOGY, S.L.**  
Calle Angeles (Los), Num. 88  
Pol. Industrial Centrovía  
50196 Muela (La) - (Zaragoza)  
Spain

the close conformity of the product

**Service lift inside wind turbine**  
**with protection fences for service lift holes at landings**  
**and fence door interlock system**

### Technical data:

<b>Type:</b>	<b>Shark L02</b>
- max. load capacity:	240 kg / 2 persons
- max. weight lift:	186 kg
- traction hoist:	M508 or M608
- fall arrest device (FAD):	ASL508 or ASL608
- lifting speed:	18 m/min (50 Hz) or 21 m/min (60 Hz)
- triggering speed of FAD:	30 m/min or 40 m/min
- doors:	Sliding door standard (left or right)
- max. lifting height:	160 m
- control:	Standard (hold to run in the cabin + send unattended) and Send/Call with control in the platforms
- Protection fences:	Swinging doors or sliding doors with interlock system
- Fence Interlock system:	Guard locking switch system or Trapped-key system

Modification C to the certificate 01/205/0900B/18 from 2018-07-22 - New address of the company

with the requirements according to annex I of Directive 2006/42/EC about machinery and amending the Directive 95/16/EC of the European Parliament and the Council from May 2006 for adaptation of legal and administration regulations of the member countries regarding safety of machinery.

The verification was proved by EC-type approval test, Test-Report- No.: 18\_044-1 from 2018-07-20 and is valid only duly considering the requirements mentioned in this document. The examination was realized on site in Zaragoza, Spain.

This certificate is valid until 2022-01-11

Cologne, 2019-02-28



Certification body  
Notified under No. 0035  
certifier

  
Dipl.-Ing. Walter Ringhausen