



Certificate No.

IECRE.WE.CC.20.0031-R0

IECRE - IEC System for Certification
to Standards Relating to Equipment
for Use in Renewable Energy
Applications

COMPONENT CERTIFICATE

Wind Turbine

This certificate is issued to

Eltas Transformatör San. VE TIC. A.S.

A.O.S.B. 10046 Sok. No: 4
CIGLI - IZMIR
Turkey

for the component

Eltas transformer ELT-5500, 5500kVA, 50Hz

wind turbine class (class, standard, year)

This certificate attests compliance with IEC 61400 Series as specified in subsequent pages It is based on the following reference documents:

Design basis evaluation conformity statement
Dated

Included in Design Evaluation Conformity Statement

Design evaluation conformity statement
Dated

IECRE.WE.CS.20.0047-R0
06.05.2020

Type test conformity statement
Dated

Not applicable

Manufacturing conformity statement
Dated

068.01.3.05.20.00
05.05.2020

Final evaluation report
Dated

3084506-12-e
06.05.2020

The conformity evaluation was carried out in accordance with the rules and procedures of the IECRE System
www.iecre.org

The component specification begins on page 2 of this certificate.

Changes in the system design or the manufacturer's quality system are to be approved by TÜV SÜD Industrie Service GmbH. Without approval, the certificate loses its validity.

This certificate is valid until:
05.05.2025

Approved for issue on behalf of the IECRE
Certification Body:



Add value.
Inspire trust.

TÜV SÜD Industrie Service GmbH
Westendstr. 199,
80686 Munich, Germany

Benjamin Bartels
Certification Body Wind Turbines
Munich, 06.05.2020

Other environmental conditions (where taken into account):

Design conditions in case of offshore WT :	N/A
Normal and extreme temperature ranges:	-30°C to +55°C
Relative humidity of the air:	N/A
Air density:	N/A
Solar radiation:	N/A
Lightning protection system (standard and protection class):	N/A
Earthquake model and parameters (standard and key parameters e.g. spectrum, model, seismic zone, soil class, etc.):	N/A
Other design conditions :	Max. altitude: 1000m (KT-19-5663) 1500m (KT-xx-xxxx) 2000m (KT-19-5664)

Major components:

*If not otherwise stated, the certificate holder is the manufacturer.

Transformer:

Type: ELT-5500 (KT-19-5663),
dry type transformer
Manufacturer: Eltas
Drawing / Data sheet / Part No.: D.TRF SG 4.X
Rated Voltage: 690V/34,500V
Rated Power: 5500kVA
Degree of Protection: E2
Location (e.g. tower bottom): N/A

Transformer:

Type: ELT-5500 (KT-xx-xxxx),
dry type transformer
Manufacturer: Eltas
Drawing / Data sheet / Part No.: D.TRF SG 4.X
Rated Voltage: 690V/34,500V
Rated Power: 5500kVA
Degree of Protection: E2
Location (e.g. tower bottom): N/A

Transformer:

Type: ELT-5500 (KT-19-5664),
dry type transformer
Manufacturer: Eltas
Drawing / Data sheet / Part No.: D.TRF SG 4.X
Rated Voltage: 690V/34,500V
Rated Power: 5500kVA
Degree of Protection: E2
Location (e.g. tower bottom): N/A

Manuals:

Operation & maintenance manual: Eltas Instruction manual
Transport manual: Eltas Instruction manual
Installation & commissioning manual: Installation, Commissioning and
Maintenance of Eltas Cast Resin
Transformers-2R3, rev.3