

Certificate for Training Systems



GL Renewables Certificate No. **TS-GL-001A-2014, Rev. 2**

This Certificate of the Training Courses

Working at Heights (GWO) and Working at Heights Refresher (GWO)

is issued to **Kletter Spezial Einheit GmbH & Co. KG**
Spessartstr. 50
63628 Bad Soden-Salmünster
Germany

We hereby certify that the Training Course 'Working at Heights' has been assessed by GL Renewables Certification (GL RC) concerning the resources, administration, structure, content, time schedule and training performance for compliance with the normative references given below. The training course is summarized in the attached annex.

The Certificate is based on the indicated documents as follows:

74964-42, Rev.1	Certification Report Training Documentation Review dated 2014-01-09
74964-43, Rev.1	Certification Report Verification of Training Performance dated 2014-03-05
74964-43; 1st Surveillance audit	Summary Report, dated 2015-04-09

Normative references:

- Technical Note 'Certification of Training Programs and Training Systems in the Renewable Energy Industry Revision 0, 2013-02-01 of GL Renewables Certification (not accredited)
- GWO Global Wind Organisation Standard 'Basic Safety Training (onshore/offshore), Version 6, 12. March 2014 (not accredited)
- GWO Global Wind Organisation Standard 'Basic Safety Training Refresher (onshore/offshore), Version 2, 21. November 2013 (not accredited)

Changes of the structure procedures, content and time schedule of the training are to be approved by GL RC; otherwise this Certificate loses its validity.

This Certificate is valid until **2017-03-06**, provided that the annual surveillance is successfully performed on the basis of the above mentioned normative references.

Hamburg, 2015-04-14
ReiHel

GL Renewables Certification

i. V. Axel Dombrowski
Head of Department

i. V. Andreas Kamleitner
Head of Department

By DAkkS according DIN EN IEC/ISO 17065
accredited Certification Body for products
The accreditation is valid for the fields of certification
listed in the certificate



Renewables Certification
Germanischer Lloyd Industrial Services GmbH
Brooktor Kai 18
20457 Hamburg, Germany

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Annex

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Description of the training course 'Working at Heights'

General:

The training courses 'Working at Heights' and "Working at Heights Refresher" are designed in accordance with the Quality Management System and the training procedures of Kletter Spezial Einheit GmbH & Co. KG as well as according to the GWO Global Wind Organisation Standard 'Basic Safety Training (onshore/offshore), Version 6, 12. March 2014' (not accredited) and the GWO Standard 'Basic Safety Training Refresher (onshore/ offshore), Version 2, 21. November 2013'.

Target group:

The training courses are designed for organizations and single employees of the Wind Energy Industry in general. Also other persons may attend the course, which need to be trained for safe working at heights for professional reasons.

Learning objectives:

The training is developed to provide participants with awareness, skills and competencies for safe work at heights at wind turbine generators, as well as for adequate actions in case of emergency.

The Basic Safety Refresher course aims to renew the knowledge every two years after the initial Basic Safety Training.

Content and duration:

The training comprises theoretical lessons and practical exercises with the following elements:

- Introduction
- Legislation
- Harness
- Vertical fall arrest system
- Fall arrest lanyard
- Work position lanyards
- Back-up system for exercises
- Practical exercises
- Work shop risks and hazards
- Emergency procedure
- PPE review
- Rescue device
- Suspension trauma
- Rescue exercises
- Evaluation

The duration of the basic Safety Training course is 16h. The duration of the Basic Safety Training Refresher is reduced to 8h. The practical exercises are carried out at a working height of 6.75m at a minimum.

Certificates of attendance:

On successful participation of the training each trainee receives a certificate stating date and duration of the training. The validity of this certificate is limited in accordance with the GWO stipulations.

Framing Stipulations:

Framing stipulations are defined for:

- Organization and administration of the training
- Prerequisites, qualification and further education of the trainers and instructors
- Trainer / delegate ratio for theoretical and practical training
- Continuous improvement process on the basis of evaluations and feedback by the participants.

End of Annex *Reitel*