

Certification

Certification and Approved Metrology Institutes, Experts Commercial Research

Denmark

Germanischer Lloyd WindEnergie GmbH

Steinhöft 9

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E: WindEnergie@gl-group.com

W: www.gl-wind.com

Person to turn to: Christian Nath

Examination and certification offshore and onshore acc. to D, DK, NL, IEC and GL regulations, site specific certification, fabrication and installation monitoring, commissioning, periodic monitoring, expert opinions, damage evaluations, due diligence.

Germany

Harald Schneider

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W: www.8p2.de

Person to turn to: Dipl.-Ing. (FH) Harald Schneider

Technical inspections, acceptance tests, guarantee inspections, periodic testing of WECs, contract consultancy.

Holz Müller Aurich

Julianenburger Str. 19a

D-26603 Aurich

T: +49 (0) 49 41/60 42 83-0

F: +49 (0) 49 41/60 42 83-3

E: juergen.holzmueller@8p2.de

Person to turn to: Dipl.-Ing. Jürgen Holz Müller

Juergen Mueller is into wind energy plants. Comprehensive technical consultation in wind energy - technical examinations of all kinds - damage

investigation, value appraisal, project examination, providing and/or examining technical documentation.

Christof Schwarz Berlin

Kantstr. 66A

D-10627 Berlin

T: +49 (0) 30/324 66 21

F: +49 (0) 30/318 01 61 2

E: christofschwarz@8p2.de

W: www.8p2.de

Person to turn to: Dipl.-Ing. Christof Schwarz

Acceptance tests, guarantee inspections, damage analysis, current value determination, evaluation of repowering costs, condition monitoring.

Jörn-Jakob Bauditz Berlin

Pappelallee 59

D-10437 Berlin

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Person to turn to: Jörn-Jakob Bauditz

Production of technical appraisal start-up monitoring warranty acceptance recurring examinations.

Manfred Lührs Süderdeich

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T: +49 (0) 48 33/29 13

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Handy: 01 70/182 20 52

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W: www.8p2.de

Person to turn to: Dipl.-Ing. Manfred Lührs

Dipl. Ing. Manfred Luehrs is publicly ordered and sworn in of the IHK to Flensburg as an expert for wind energy plants of chief work areas: Production of technical appraisals, start-up monitoring, recurring examinations, preservations of evidence cause of the damage research, technical consultation of the sales contract over warranty acceptance up to measures of reorganization and project engineering of wind energy projects.

Aufwind Schmack GmbH

Neue Energien

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D-93059 Regensburg
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F: +49 (0) 941/890 23-33
E: aufwind@aufwind.com
W: www.aufwind.com

Acoustic measurements, appraisal windmessungen with anemometer + Sodar,
wind appraisal turbulence appraisal, micrositing ecological interference
evaluations.

Deutsche Windguard

Windallee 15
D-26316 Varel
T: +49 (0) 44 51/95 15-0
F: +49 (0) 44 51/95 15-29
E: info@windguard.de
W: www.windguard.de
Person to turn to: Dr. K. Rehfeldt

Technical management of wind farms, power curve measurement of wind
turbines
wind farm management system WONDER, anemometer calibration,
management data analysis and optimizing of turbines.

Deutsches Windenergie-Institut GmbH (DEWI)

Ebertstr. 96
D-26382 Wilhelmshaven
T: +49 (0) 44 21/48 08-0
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E: dewi@dewi.de
W: www.dewi.de
Person to turn to: Dipl.-Ing. J. P. Molly

Measurements: power, wind, power quality, loads, acoustics, SODAR,
anemometer-calibration, Expertise: wind resource, wind farm optimisation,
shadow-impact, acoustic prognosis, due diligence, courses, studies, wind-diesel.

energieprofile Ing.-Büro Glocker

ö.b.u.v. Sachverständiger für WEA
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D-87700 Memmingen
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E: energieprofile.glocker@t-online.de
W: www.energieprofile.de

Person to turn to: Dipl.-Ing. Stephan Glocker

Technical examination experts - examination after start-up before customer acceptance, wind energy plants ordered publicly, examination before expiration of the guarantee, recurring examination, damage appraisal, blade angle measurements, plausibility check of wind and yield appraisals.

Germanischer Lloyd WindEnergie GmbH

Steinhöft 9

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E: WindEnergie@gl-group.com

W: www.gl-wind.com

Person to turn to: Christian Nath

Examination and certification offshore and onshore acc. to D, DK, NL, IEC and GL regulations, site specific certification, fabrication and installation monitoring, commissioning, periodic monitoring, expert opinions; damage evaluations; due diligence.

Ingenieurbüro Andresen

Uthlanderstr. 34

D-25813 Husum

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F: +49 (0) 48 41/72 06 73

E: s.andresen@foni.net

Person to turn to: Dipl.-Ing. Sven Andresen

Technical examinations of WEA and individual components start-up and warranty appraisal recurring examinations retreating longwall system cost appraisal technical consultation.

Ingenieurbüro Dr.-Ing. Dieter Frey

Bgm.-Kröger-Str. 17

D-21244 Buchholz i. d. Nordheide

T: +49 (0) 41 86/55 51

F: +49 (0) 41 86/50 44

E: Dieter.Frey@t-online.de

Person to turn to: Dr.-Ing. Dieter Frey

Laboratory for load measurement and power performance testing. Measurement of the wind potential at project locations. Messmast up to 100m height, 120m in design. measurement of components p.e. gearbox, mainframe, tower, rotor a.o. condition monitoring of drive train and rotor.

Ingenieurbüro für Energietechnik und Lärmschutz, J. Michalk, Dipl.-Ing.

Kirchdorfer Straße 26

D-26603 Aurich

T: +49 (0) 49 41/95 58-0

F: +49 (0) 49 41/95 58-11

E: mail@iel-michalk.de

W: www.iel.michalk.de

Noise protection expertises, wind ressource and rotor shadow expertises, visualisation, site optimation, consulting, planning, turn key projects.

Jadewind Ing.-Büro

Klaus-Peter Martin

Sielstr. 5

D-26349 Jade

T: +49 (0) 44 51/86 22 28

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E: kp.martin@jadewind.de

W: www.jadewind.de

Person to turn to: Klaus-Peter Martin

Technical Expert for Windenergyconcerter in case of: before the warranty ends, putting the WEC into operation, periodic testing, in case of damage or according to a court decision.

Jetstream

Ingenieurbüro für Windenergienutzung

Katzbachstr. 9

D-10965 Berlin

T: +49 (0) 30/78 99 15 25

Mobil: 0170/380 44 77

F: +49 (0) 30/78 99 15 26

E: jetstream.bosse@t-online.de

Person to turn to: Dipl.-Ing. Peter Bosse

Technical one and wirtschaftl. Consultation of wind energy projects, Remote supervision (telecommunications) as well as operating and management of WKA projects. Investigation and expert activity, work, project or warranty acceptance, recurring examinations etc.. Experience of many years since 1985 from planning and enterprise.

KÖTTER Consulting Engineers

Bonifatiusstr. 400

D-48432 Rheine

T: +49 (0) 59 71/97 10 31

F: +49 (0) 59 71/97 10 43

E: Oliver.bunk@Koetter-consulting.com
W: www.Koetter-consulting.com
Person to turn to: Oliver Bunk

Emmission-measurement (according to guidelines), measurement emissions, forecasts, consulting, research + development, construction-consulting (development).

SET Sachverständigenbüro

Bürgermeister-Smidt-Str. 82
D-28195 Bremen
T: +49 (0) 421/168 95 87
F: +49 (0) 421/396 31 83
E: setklawitter@t-online.de
Person to turn to: Heiko Klawitter

Technical inspections of WECs, Start-up report, before the ending of warranty, periodic testing, damage analysis, mobile condition monitoring.

TmZ Ingenieurbüro

Dipl.-Ing. Josef Gerster
Am Geestrand 30
D-28790 Meyenburg
T: +49 (0) 42 09/91 96 79
F: +49 (0) 42 09/91 96 87
E: tmzgerster@t-online.de

Technical examination experts for wind energy plants, sworn in ordered publicly, of WEAs as and mobiles condition monitoring, examination for condition-oriented maintenance at WEAs, Quality review, acceptance test, guarantee inspection, periodic testing of WECs, technical assessment, technical consultant.

TÜV Süddeutschland Bau und Betrieb GmbH

Westendstraße 199
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E: windenergieanlagen@tuev-sued.de
W: www.tuev-sued.de
Person to turn to: Alexander Trunz

Certification body for wind turbines and their components, accreditation DPT-ZE-3510.02, load assessment, type certifications according to all national and international regulations, commissioning, regular inspections.

Dipl. Wirts.-Ing. Martin Veltrup-Neil

Weidegrund 9
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T: +49 (0) 44 86/93 08 38
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E: veltrup-neil@t-online.de
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Person to turn to: Gisela Julius

Dipl. Ing. M. Veltrup Veltrup-Neil is publicly ordered and sworn in of the Oldenburgi IHK as an expert for wind energy plants. Acceptance test, periodic testing of WECs, quarantine inspection, condition inspection (including condition monitoring), determination of WECs, damage analysis, mobile condition monitoring, (co-operation with one oe.b.u.v. Expert for cause of fire determination).

WEA Rotorservice GmbH
Am Steinberg 7
D-09603 Großschirma
T: +49 (0) 373 28/89 80
F: +49 (0) 373 28/89 82 9
E: office@wkaservice.de
W: www.wkaservice.de
Person to turn to: Lutz Stefaniak

Cleaning, inspection and maintenance of rotor blades, cleaning of tower.

Wind-CHECK (Ing.-Büro)
Ludwig-Erhard-Straße 10
D-34131 Kassel
T: +49 (0) 561/316 89 98
F: +49 (0) 561/316 89 99
E: post@wind-check.de
W: www.wind-check.de
Person to turn to: Dipl.-Ing. Uwe Scherbaum

Technical examination on Wind Turbines for: commissioning, inspection and maintenance, end of guarantee.

Wind-consult GmbH
Reuterstr. 9
D-18211 Admannshagen-Bargeshagen
T: +49 (0) 382 03/507 25
F: +49 (0) 382 03/507 23
E: company@wind-consult.de
W: www.wind-consult.de
Person to turn to: Dipl.-Ing. Joachim Schwabe

Accredited testing laboratory, see ad below, associated member of MEASNET, experts of the Germanischer Lloyd for WIGS, member of FGW and experts advising committee BWE.

Windenergie Arndt GmbH

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D-18209 Bartenshagen
T: +49 (0) 382 03/158 40
F: +49 (0) 382 03/158 41
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W: www.windenergie-arndt.de
Person to turn to: Dipl.-Ing. Ulrich Arndt

Acceptance test, periodic testings, guarantee inspections, damage analysis, vibration diagnosis at gear units and rotating.

Windexperts Prüfgesellschaft mbH

Weidegrund 9
D-26188 Edewecht / Friedrichsfehn
T: +49 (0) 44 86/93 85 01
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E: windexperts@windexperts.de
W: www.windexperts.de
Person to turn to: Gisela Julius

Prüfgesellschaft öffentlich bestellter und vereidigter Sachverständiger für Windenergieanlagen - acceptance test, periodic testing of WECs, guarantee inspection, condition inspection (including condition monitoring), determination of WECs, damage analysis, mobiles condition monitoring, cause of fire determination (co-operation with one oe.b.u.v. expert for cause of fire determination, measurement of blade pitch angles.

Windräder Ingenieurbüro Cerbe & Dr. Rische

Großenhainer Str. 92
D-01127 Dresden
T: +49 (0) 351/858 93 45
F: +49 (0) 351/858 93 47
E: info@windraeder-service.de
Person to turn to: Dr.-Ing. Rische, Dipl.-Ing. Cerbe

Technical examination of wind-powered devices, emphasis of rotor blades, production from appraisals to start-up, before expiration of the warranty, recurring examinations, work acceptance.

WINDTEST Grevenbroich GmbH

Mess- und Prüfinstitut für WEA

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D-41517 Grevenbroich
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F: +49 (0) 21 81/22 78-11
E: info@windtest-nrw.de
W: www.windtest-nrw.de
Person to turn to: Dipl.-Ing. Jürgen Bahr

Noted as a measuring body according to § 26 BImSchG

WINDTEST Kaiser-Wilhelm-Koog GmbH

Sommerdeich 14 b
D-25709 Kaiser-Wilhelm-Koog
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E: info@windtest.de
W: www.windtest.de
Person to turn to: Dipl.-Ing. Volker Köhne

Measurements on wind turbines, wind, power curve, noise, grid quality, loads vibrations

expertises on wind potential, noise and shadow effects, periodic monitoring, ISO17025, MEASNET, FGW, GL Wind, IEC, §26 BImSchG.

The Netherlands

Energy research Centre of the Netherlands
Unit ECN Wind Energy
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NL-1755 ZG Petten
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F: +31 (0) 224/56 82 14
E: wind@ecn.nl
W: www.ecn.nl/wind
Person to turn to: H.J.M. Beurskens

Our staff of 50 highly skilled ECN employees carries out research on wind farm design, wind turbine technology, operating and maintenance of wind farms and measuring and on monitoring of turbines. Much of our work is done on a confidential basis. We render design support for certification on a wide array of issues such as load set calculations, development of turbine control algorithms, wind tunnel experiments, and visualisation of airflow through the rotor. ECN also maintains close co-operation with DNV.

Spain

Deutsches Windenergie-Institut GmbH

DEWI, Sucursal en España

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E: dewi.spain@dewi.es

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Person to turn to: Helmut Herold

Measurements: power, wind, power quality, loads, acoustics, SODAR, anemometer-calibration, expertise: wind resource, wind farm optimisation, shadow impact, acoustic prognoses, due diligence, courses, wind-diesel, studies.

WINDTEST Ibérica S.L.

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E-28037 Madrid

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Person to turn to: Dipl.-Ing. Christoph Thiel

Measurements on wind turbines, wind, power curve, noise, grid quality, loads, vibrations, expertises on wind potential, noise and shadow effects, periodic monitoring.