



ICC-SWCC
3060 Saturn Street, Suite 100
Brea, CA 92821
t: 888.ICC.SAFE (422.7233)
t: 562.699.0543
f: 562.695.4694
www.smallwindcertification.org

ICC-SWCC™ DIRECTORY OF TESTING ORGANIZATIONS FOR SMALL & MEDIUM WIND TURBINES

ICC-SWCC maintains this list of test organizations that provide testing services for small and/or medium wind turbines seeking certification. The list may not be all-inclusive, nor is it an endorsement of any test organization or individual. It is provided solely for informational purposes.

National Renewable Energy Laboratory (NREL)

National Wind Technology Center (NWTC)

Mail: 1617 Cole Boulevard, Golden, CO 80401, USA

Phone: (303) 384-6987

Contact: Arlinda Huskey

Email: Arlinda.Huskey@nrel.gov

Web: www.nrel.gov/wind

Test site location: USA: NWTC, Boulder, Colorado

ISO/IEC 17025 Accreditation: Yes

Other Comments: Accredited by the American Association of Laboratory Accreditation (A2LA) in accordance with ISO/IEC 17025:2005 ([certificate number 1239.01](#)). Provides testing per the following:

- AWEA 9.1 Small Wind Turbine Performance and Safety Standard
- IEC 61400-11 acoustic noise,
- IEC 61400-13 mechanical loads
- IEC 61400-12 power performance
- IEC 61400-21 power quality
- IEC 61400-23 blade
- IEC 61400-22 safety and function
- IEC 61400-2 safety and function and duration
- MEASNET Acoustic Noise
- MEASNET Power Performance
- MEASNET Power Quality,
- BWEA Small Wind Turbine Performance and Safety Standard

RenewTest LLC

Renewable Energy Device Test Center

Mail: 1237 Christine St, Pampa, TX 79065, USA

Phone: (806) 236-2645

Contact: David J. Carr

Email: david@renewtest.com

Web: www.renewtest.com

Test site location: USA: Texas Panhandle Region

ISO/IEC 17025 Accreditation: No

Other Comments: Over 60 acres available for testing in exceptional wind regime. 3 phase 480vac and lower readily available under an existing power purchase agreement with the local utility. Heavy equipment can be rented nearby for installations. RenewTest can work with a variety of payment options, such as our popular monthly payment plan. Personnel have experience and ability to advise and/or provide testing for:

- AWEA 9.1 (U.S.)
- AWEA SWT-1-2017 (U.S.)
- Renewable UK Small Wind Turbine Standard (U.K.)
- JSWTA 001:2013 (Japan)
- IEC 61400-2
- IEC 61400-11
- IEC 61400-12
- IEC 61400-22
- Prototype, pre-certification & custom tests

UL/WTAMU Advanced Wind Turbine Test Facility

A partnership of UL and West Texas A&M University

Mail: UL LLC, 333 Pfingsten Road, Northbrook, IL 60062

Email: wind@ul.com

Web: ul.com/wind

Test site location: Canyon, TX, USA

ISO/IEC 17025 Accreditation: No

Other Comments: UL's WT wind facility is currently accepting applications for testing and certification to AWEA 9.1, UK MCS, Japan, Canadian, and UL 6142 requirements. The facility allows ample space for all sizes of turbines, dramatically favorable wind resources and is permanently staffed with qualified engineers and technicians onsite. Heavy equipment is also available onsite to assist with foundation installation and turbine erection.

Windward Engineering

A NREL Regional Test Center

Mail: 10768 S. Covered Bridge Canyon, Spanish Fork, UT 84660, USA

Phone: (801) 372-4972

Email: info@windwardengineering.com

Web: www.windwardengineering.com

Test site location: Spanish Fork, UT

ISO 17025 Accreditation: No

Comments: We are limited for space and resources with 6 existing or proposed installed turbines already. Client willing to do their own installation and testing will get quicker results. The test site wind is excellent for producing performance and duration test data rapidly.

Wind Energy Institute of Canada (WEICan)

Mail: 21741 Route 12 Tignish, Prince Edward Island, C0B 2B0 Canada,

Phone: (902) 882-2746

Email: info@weican.ca

Web: www.weican.ca

Test site location: North Cape, Prince Edward Island, Canada

ISO 17025 Accreditation: No

Other Comments: We have been doing power performance and durability testing since 1981 and have tested as well as participated in R&D activities on many wind turbines during that period. We are currently investigating the resources required to become accredited. WEICan also works with DEWI who are accredited to provide certification for international markets. If requested by the client, WEICan will test to other standards such as: AWEA, BWEA or CSA standards: C61400-2,-11,-12-1 and -21. WEICan has compiled twenty years of wind data at the test site; as well as a detailed report from DEWI which gives results of the sites wind regime and characteristics.

For more information, corrections or additions please contact:

info@smallwindcertification.org