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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

Phone: (303) 384-6987

Contact: Arlinda Huskey

Email: Arlinda.Huskey@nrel.gov

Web: www.nrel.gov/wind

Test site location: USA: NWTC, Boulder, Colorado

Accreditation: Accredited by the American Association of Laboratory Accreditation (A2LA) in accordance with ISO/IEC 17025:2005 to conduct tests per IEC 61400-11 acoustic noise, -13 mechanical loads, -12 power performance, -21 power quality, -23 blade, -22 safety and function, and -2 safety and function and duration, MEASNET Acoustic Noise, MEASNET Power Performance, MEASNET Power Quality, AWEA Small Wind Turbine Performance and Safety Standard, and BWEA Small Wind Turbine Performance and Safety Standard. A2LA certificate number 1239.01.

UL/WTAMU Advanced Wind Turbine Test Facility

A partnership of UL and West Texas A&M University

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

Email: wind@ul.com

Web: ul.com/wind

Test site location: Canyon, TX

Accreditation: UK MCS

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

- an NREL Regional Test Center

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

Phone: (801) 372-4972

Email: info@windwardengineering.com

Web: www.windwardengineering.com

Test site location: Spanish Fork, UT

Accreditation: N/A

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.

The Wind Energy Institute of Canada (WEICan)

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

Phone: (902) 882-2746

Email: info@weican.ca

Web: www.weican.ca

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

Accreditation: We are currently investigating the resources required to become accredited.

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