


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 <p>Accredited to ISO/IEC 17025:2005</p>	<h3>National Renewable Energy Centre (Narec)</h3> <p>Issue No: 004    Issue date: 23 September 2011</p>	
	<p>Narec Blade Test Facility Euroseas Centre Albert Street Blyth Northumberland NE24 1LZ</p>	<p>Contact: Dr G Richardson Tel: +44 (0)1670 357333 Fax: E-Mail: geoff.richardson@narec.co.uk Website: www.narec.co.uk</p>
<p><b>Testing performed at the above address only</b></p>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<b>WIND TURBINE BLADES</b>	<p><u>Physical testing</u></p> <p>Full-scale testing of rotor blades:</p> <p>Static testing Fatigue testing Natural frequency testing Centre of Gravity and mass</p> <p>Test Facility limiting dimensions: Hub Centre: 4.2 m above floor Hub Centre: 15 m from winch wall Floor to roof: 10 m</p> <p>Max individual force: 400 kN Max strain: 10,000 <math>\mu</math> strain Max Laser distance: 20 m String pots: 0 - 15 m</p>	<p>IEC TS 61400-23:2001 excluding</p> <ul style="list-style-type: none"> <li>• cl. 13.10, Creep</li> <li>• cl. 13.11, Other non-destructive testing</li> <li>• cl. 13.12, Blade sectioning</li> </ul> <p>In-house procedure PR10011, iss 4 In-house procedure PR10012, iss 4 In-house procedure PR10015, iss 2 In-house procedure PR10081, iss 3</p>
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