Schedule of Accreditation

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Accredited to ISO/IEC 17025:2017

The European Marine Energy Centre Limited

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Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Wave Energy Conversion Systems	Electrical Energy Output corresponding to measured sea conditions at the stated location. Location: Billia Croo, Orkney Water depth: 50 m Distance from shore: Approx. 2 km Number of test berths: 5	11 kV [1] 3-phase 50 Hz system with power factor correction and live grid connection. In-house documented methods based on the relevant sections of the following standards: *Assessment of Performance for Wave Energy Conversion Systems ISBN 978-0-580-65549-4*. *IEC/TS 62600-100 (2012) Marine energy - Wave, tidal and other water current converters - Part 100: Electricity producing wave energy converters - Power performance assessment* *IEC/TS 62600-101: (2015) Marine energy - Wave, tidal and other water current converters - Part 101: Wave energy resource assessment and characterization.*

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Tidal Energy Conversion Systems	Electrical Energy Output corresponding to measured tidal conditions at the stated location. Location: Fall of Warness, Eday, Orkney. Number of test berths: 8	11 kV [1] 3-phase 50 Hz system with live grid connection. In-house documented methods based on the relevant sections of the following standards: *Assessment of Performance of Tidal Energy Conversion Systems ISBN 978-0-580-65031-4* *IEC/TS 62600-200 (2013) Marine energy - Wave, tidal and other water current converters - Part 200: Electricity producing tidal energy converters - Power performance assessment* *IEC TS 62600-201: (2015) Marine energy - Wave, tidal and other water current converters - Part 201: Tidal energy resource assessment and characterization* [1] Other voltages can be accommodated by the use of transformers if so agreed between EMEC and the customer. [2] Excludes any criteria for reporting of local meteorological conditions.
END		