



**International Energy Agency Implementing Agreement  
Efficient Electrical End-Use Equipment (4E)**  
(Task C of IEA 4E: Electric Motor Systems Annex)

**International Testing Centres Workshop**

**Thursday 17 September**

**9.00am to 3.00pm**

(Registration starts 8.45 am)

Hotel Westotel Nantes-Atlantique  
34, Rue de la Vrière  
44240 La Chapelle-sur-Erdre, Nantes, France

**DRAFT AGENDA**

<b>9.00 am</b>	Welcome and overview
	New web forum on Leonardo Energy website
	Laboratory experience with new standard IEC 60034-2-1
	Order of clauses in IEC 60034-2-1
	Sealing elements and motor testing
	Sample spreadsheet to compare laboratory calculations
	Draft Interpretative Document for IEC 60034-2-1
<b>10.15 – 10.30 am Morning tea break</b>	
	Measurement techniques: <ul style="list-style-type: none"> <li>• Stability of voltage and frequency</li> <li>• Stability of mechanical load</li> <li>• High resolution measurements and data averaging</li> </ul>
	Measurement uncertainty
	Test equipment – what equipment do you need?
	Future work of the Testing Centres Network <i>(discuss before lunch due to flight departure times for some members)</i>
<b>12.45 pm – 1.30 pm Lunch</b>	
	Laboratory instrumentation for: <ul style="list-style-type: none"> <li>• Torque measurement</li> <li>• Electrical input power</li> <li>• Shaft speed etc</li> </ul>
	Laboratory accreditation
	Compliance and check testing around the world
<b>3.00 pm Afternoon tea break / networking</b>	
<b>4.00 pm</b>	End of workshop