

WG Report in preparation for the next meeting of ISO/TC 197 on 15 December 2011 in Beijing, China				
WG	Work item	Scope	Status	Timetable and reference documents
8	<p>ISO 22734-2 <i>Hydrogen generators using water electrolysis process — Part 2: Residential applications</i></p> <p>French: <i>Générateurs d'hydrogène utilisant le procédé d'électrolyse de l'eau — Partie 2: Applications résidentielles</i></p> <p>Convener: Randy Dey, Canada</p>	<p>This standard defines the construction, safety and performance requirements of packaged hydrogen gas generation appliances, herein referred to as hydrogen generators, using electrochemical reactions to electrolyse water.</p> <p>This standard is applicable to hydrogen generators that use the following types of ion transport medium:</p> <ul style="list-style-type: none"> • group of aqueous bases; • solid polymeric materials with acidic function group additions such as acid proton exchange membrane (PEM). <p>This standard is applicable to hydrogen generators intended for indoor and outdoor residential use (non-commercial and non-industrial use) in sheltered areas such as car-ports, garages, utility rooms and similar areas of a residence. This standard includes cord-connected equipment for outdoor and garage use only.</p> <p>Hydrogen generators that can also be used to generate electricity such as reversible fuel cells are excluded from the scope of this standard.</p> <p>This standard does not include portable hydrogen generators.</p> <p>Hydrogen generators that also supply oxygen as a product are excluded from the scope of this standard.</p> <p>This standard is intended to be used for certification purposes.</p>	<p>This work item was published by the ISO Central Secretariat as an International Standard on 15 November 2011. Congratulations to all experts that were involved in the development of this standard.</p> <p>As a next step, the working group will look at the harmonization of the requirements of Part 1 and Part 2, where applicable.</p>	<p>Current stage: International standard published</p> <p>Reference doc.: ISO 22734-2: 2011</p>
WG meeting dates and location since the last plenary meeting on 16 May 2010				
21 September 2010 in Tokyo, Japan				
Planned meetings				
Proposed changes in title or scope if any				
Proposed revised target dates, if any		Issues to bring to the TC, if any (inadequate membership representation, technical directions, etc)		