

ISO/TC 197 consolidated position on IEC/CD 62282-2 <i>Fuel cell technologies — Part 2: Fuel cell modules</i>	Date : 2002-05-17	IEC/CD 62282-2
		Reference: ISO/TC 197 doc. N 223 IEC/TC 105 doc.105/25/CD

National Committee	Clause/ Subclause	Paragraph Figure/ Table	Type of comment (General/ Technical/Editorial)	COMMENTS	Proposed change	OBSERVATIONS OF THE SECRETARIAT on each comment submitted
ISO/TC 197	General		Ge	ISO/TC 197 agrees with the content of IEC/CD 62282-2. ISO/TC 197 Comments are listed below.		
ISO/TC 197	General		Te	Regarding safety issues, we think it would be adequate to quote actual values for ignition and explosive limits.		
ISO/TC 197	3.8	First paragraph	Ed	When main components of the Fuel Cell Modules are listed, perhaps a more appropriate word could be applied.	The wording "piping system" would be more appropriate than "conductors".	
ISO/TC 197	3.17	First paragraph	Te	The pressure could be the fuel pressure, the refrigerant pressure, the exhaust pressure etc. The definition should be more specific.	Proposed change: The maximum pressure, specified by the manufacturer, for each fluid system at which the FUEL CELL MODULE is designed to operate continuously.	
ISO/TC 197	3.20	First paragraph	Te	Pressurized (or not) fuel and oxidant need to be present in the stack	Proposed change: The voltage across the terminals of a FUEL CELL STACK with fuel and oxidant present, with no external load applied.	
ISO/TC 197	7.3	First paragraph	Te	In the proposed list, consider the inclusion of a Warning label for the case of use of hydrogen as fuel or when hydrogen gas is produced from a different fuel.	Flammable gas or liquid (use the word HYDROGEN if applicable)	
ISO/TC 197	7.4.1.2		Te	Instead (or with) Block System Diagrams, a process flow diagram of the fuel cell module should be included.		

<sup>1</sup> Type of comment: ge = general, te = technical, ed = editorial

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ISO/TC 197	7.4.2	Third paragraph	Te	The operation manual shall comprise a point relative to the operation of the device with hydrogen if that is the case under consideration.	Add the following point to the list: Information about Safety considerations for the case of hydrogen used as a fuel	

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