

<b>Compilation of comments received from the member bodies of ISO/TC 197 on IEC/CD 62282-1: Fuel cell technologies — Part 1 : Terminology</b>	<b>Date : 2002-06-05</b>	<b>IEC/CD 62282-1</b>
		Reference: ISO/TC 197 doc. <b>N 225</b> IEC/TC 105 doc. <b>105/28/CD</b>

<b>MB<sup>1</sup></b>	<b>Clause/ Subclause</b>	<b>Paragraph Figure/ Table</b>	<b>Type of comment (General/ Technical/Editorial)</b>	<b>COMMENTS</b>	<b>Proposed change</b>	<b>Observation of the Secretariat on each comment submitted (Agreed comments were forwarded to IEC/TC 105 –see N233 Annex 3 for the ISO/TC 197 consolidated position)</b>
CA	3.2		Ed	Replace "which" by "that"		Agreed.
CA	3.10		Ed	We propose the following definition: The dynamic response of the fuel cell power system output to load change.		Agreed.
CA	3.11		Te	Change Hamelin suggestion for: The calorific value possessed by raw fuel should be specified using the low heating value (LLV) of the gas.		Agreed.
SE	3.11		Te	Electrical efficiency should be based on the lower heating value (LHV).		Agreed.
US	3.11		Te	Efficiency should be based on Lower Heating value since most of the water that leaves the vehicle does so as a vapour, and not as a liquid.	Only use the lower heating value as proposed by Filip.	Agreed.
CA	3.17		Ed	Change "CO2" for "CO <sub>2</sub> "		Agreed.
AR	3.20		Ed	When main components of the Fuel Cell Modules are listed, perhaps more appropriated words could be applied.	Change the expression: "conductors for conveying" by "piping systems for conveying"	Agreed.
CA	3.21		Ed	Replace "system which converts" by "system that converts".		Agreed.
CA	3.21		Ed	Replace "(a fuel and oxidant)" by "(a fuel and an oxidant)"		Agreed.

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CA	3.29			Same as 3.11		Agreed.
AR	3.32		Te	A sentence to define a low emission vehicle could be more open in order to include vehicles defined and certified by other well-recognized authority different than the California Air Resources Board		Agreed.
AR	3.33		Ed	Perhaps, more appropriate words could be used in the definition of manifold.	Change the word "conduit" by "piping system"	Agreed.
CA	3.45		Ed	Replace "kwhrs" and "whrs" by "kW h" and "W h" (metric system).		Agreed.
US	After 3.47		Te	Add definition: regenerative fuel cell Fuel cell stack or system that electrochemically regenerates fuel by the application of power to the cell stack or system. Regenerated hydrogen is collected and stored. The regenerative fuel cell system may be cycled between power generation and fuel generation modes.		Agreed.
CA	3.48		Ed	Replace kW sec <sup>-1</sup> by kW s <sup>-1</sup> .		Agreed.
CA	3.50		Ed	Replace "goes down the minimum value" by "goes down to their minimum value".		Agreed.
CA	3.50		Ed	Replace "classified into types:" by "classified into two types:"		Agreed.

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AR	3.52		Te	Standard conditions shall be consistent in all parts of the CD 62282. See our comments about this aspect on Documents 105/25/CD and 105/26/CD.	It's recommended to select the same reference conditions for temperature in all parts of the standard.	Agreed.
CA	3.52		Ed	Replace "20C" by "20 °C".		Agreed.
CA	3.54		Te	Replace "time which fuel cell" by. "time for which the fuell cell" The sentence should be reformulated clearly.		Agreed.
CA	3.55		Ed	Replace "action" by "actions".		Agreed.
CA	3.57		Ed	Replace "which" by "that".		Agreed.
CA	3.59		Ed	We propose the following text: Test to verify the characteristic of the fuel cell power system output to load change under grid-connected operation.		Agreed.
CA	3.61		Ed	Replace kW sec <sup>-1</sup> by kW s <sup>-1</sup> .		Agreed.
CA	3.64		Ed	Replace "load which generates" by. "load that generates".		Agreed.
CA	3.67		Te	Replace "carbon manoxide, oxides of nitrogen" by "carbone oxides, nitric oxides".		Agreed.

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CA	4.1		Ed	Replace (kJ/Nm <sup>3</sup> or kJ/kg) by (kJ/Nm <sup>3</sup> , kJ/kg, or kJ/mole)		Agreed.
CA	4.1		Te	Replace "calorific value of fuel" by "lower heating value".		Agreed.

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