



ISO/TC 22  
Road vehicles

ISO/TC 197  
Hydrogen technologies

24 May 2002

Mr. Christoph Albus  
Convener of the GRPE ad hoc group  
Hydrogen vehicles – Onboard storage systems

Subject: ISO report

Dear Mr. Albus,

Please find enclosed the ISO report that was requested by the GRPE ad hoc group at the last meeting on 19 February 2002 in Munich. This report is comprised of the following parts:

Part 1:	Comparison between the EIHP Draft Regulations and the ISO draft Standards on compressed gaseous hydrogen fuel tanks for land vehicles <sup>1</sup>
Part 2:	Comparison between the EIHP Draft Regulations and the ISO draft Standards on liquid hydrogen fuel tanks for land vehicles
Part 3:	List of the ISO or IEC standards that were published or that are currently in development on the same topics as the EN standards referenced in the EIHP draft regulations
Part 4:	List of International standards prepared and under development in ISO/TC 22/SC 21 <i>Electric road vehicles</i>
Part 5:	List of International standards prepared and under development in ISO/TC 22/SC 25 <i>Road vehicles using natural gas</i>
Part 6:	List of International standards prepared and under development in ISO/TC 197 <i>Hydrogen technologies</i>
Part 7:	List of standards prepared and under development in the Fuel Cell Forum of the Society of Automotive Engineers (SAE).

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<sup>1</sup> Please note that comparison was initially done to revision 8. Due to timing, we were unable to review all requirements of revision 9. Instead, the review has focussed on reviewing how the previous differences were addressed in the latest version of the EIHP draft regulation. We saw a few new issues, but due to the extensive changes and reformatting, we would need some time to be more thorough in our review. However, we feel that revision 9 of the EIHP draft regulation and the ISO draft standards are in closer harmony.

In addition, we have checked the European Agreement concerning the International Carriage of Dangerous Goods by Road - ADR, and we do not see any possibility to use these requirements. They deal with the dangerous goods transportation, and they seem not adapted to the issues of the GRPE ad hoc group.

We hope that this report will provide the GRPE ad hoc group with the information it wished to obtain. We look forward to further discuss it at the next meeting on 4-5 June 2002 in Stuttgart.

Yours sincerely

Jean-Pierre Cheynet  
Secretary of ISO/TC 22

Randy Dey  
ISO/TC 197

Sylvie Gingras  
Secretary of ISO/TC 197

c.c. Mr. François Abram, ISO Central Secretariat  
Dr. Tapan Bose, Chairman of ISO/TC 197  
Dr. Robert Hay, Convener of ISO/TC 197 WG 1  
Mr. Alain Samné, ISO Central Secrétariat  
Mr. Paul Serre, Chairman of ISO/TC 22  
Mr. Craig Webster, Convener of ISO/TC 197 WG 6  
Mr. Reinhold Wurster, EIHP