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# US Fuel Cell Council

## **MEDIA BACKGROUNDER**

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### **USFCC Collaborates to Define Hydrogen Fuel Specifications**

(Washington D.C. – March 1, 2004) The Transportation Working Group of the US Fuel Cell Council (USFCC) is collaborating with national and international group initiatives in defining a fuel specification for hydrogen to be used in transportation applications.

It is widely accepted that input from companies with fuel cell electrode expertise along with product experience is critical regarding the establishment of allowable levels for impurities of fuel cells. It is the intent of the USFCC Transportation Working Group to support the US Department of Energy activities in this area by providing information concerning the nature and allowable level of impurities to system integrators and vehicle manufacturers (OEMs). System integrators and OEMs need realistic targets to define cost-effective solutions for vehicles and establish a supplier base for full-scale commercialization.

A hydrogen specification that is both fiscally attainable and practical for use with fuel cells is essential. As part of fulfilling the needs of industry, the USFCC Transportation Working Group plans to project fuel cell design operating targets/parameters for transportation applications, define tests required to understand the fundamental impact of hydrogen on fuel cell performance and durability, determine “allowable” levels of impurities based on projections from fundamental test results, define validation tests to confirm that projections are correct, and publish results for use by other organizations.

It is envisioned that standards developing organizations (SDOs) such as the SAE will capture results of this highly integrated effort and establish a guideline. The Transportation Working Group of the US Fuel Cell Council is willing to leverage its diversity and experience to assist in this effort.

The US Fuel Cell Council is the voice of the fuel cell industry. For more information on USFCC, visit our web site at [www.usfcc.com](http://www.usfcc.com).

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