

# International Hydrogen Codes and Standards Workshop



29 August 2009 - New Delhi, India  
India Habitat Centre - 9:00 am - 1:30 pm

Come to an important International Hydrogen Safety Codes and Standards Workshop and learn the truth about hydrogen technology as it pertains to safety and compliance with regulatory codes and standards! The Workshop is being held in conjunction with the World Hydrogen Technologies Convention. Presentations and discussions will be held in English.

Participants will learn about success stories and lessons learned on hydrogen facilities siting and demonstration projects and explore synergistic opportunities in codes, standards and regulations development in India and surrounding countries. Participants will also have a chance to share the challenges they face in their home countries in the development and passing of codes and standards.

For more information please contact Brian Schorr at 202-457-0076 ext. 309 or email [bschorr@ttcorp.com](mailto:bschorr@ttcorp.com). **Don't miss it!**

Lunch  
Included!

## Registration Form

Registration may be done on site, faxed to 202-223-5537, scanned and emailed to [bschorr@ttcorp.com](mailto:bschorr@ttcorp.com) or mailed to:

**Partnership for Advancing the  
Transition to Hydrogen**  
1211 Connecticut Avenue, NW, Suite 600  
Washington, DC 20036-2701, U.S.A.  
Fax: +1-202-223-5537

Name	
Badge Name	
Title	
Company/Organization	
Address	
City	State
Postal Code	Country
Telephone	Fax
E-Mail	

\* *PATH Members  
Registration:  
US\$50/Rs. 2400*

\* *All Others  
Registration:  
US\$55/Rs. 2640*

*My organization  
is a member of a  
PATH Assoc.*

*My organization  
is not a member  
of a PATH Assoc.*

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(as it appears on card)

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Saturday, 29 August 2009



In conjunction with the 2009 World Hydrogen Technologies Convention

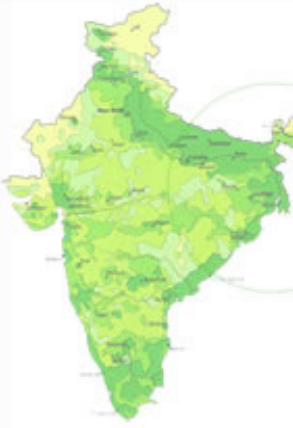
## Workshop Agenda

9:00 am-9:05 am	Welcome and Introductions <i>Dr. R.K. Malhotra, Executive Director of IndianOil Corp. (IOC)</i>	11:15 am-11:45 am	Component and System Specifications: In-Depth Review of Few Critical Standards for the Industry <i>Mr. Naser Chowdhury, Air Products and Chemicals, Inc.</i>
9:05 am-9:15 am	Inaugural Keynote Address <i>Mr. V.C. Agarwal, Director of Safety, Health and Environment of IOC</i>	11:45 am-12:30 pm	U.S. Codes: Detailed Review of NFPA 52 and 55, including Separation Distance and Dispensing <i>Mr. Tom Joseph, Bethlehem Hydrogen</i>
9:15 am-9:40 am	Hydrogen and H-CNG System Installation Codes for India <i>Mr. A. Mishra, IOC</i>	12:30 pm-1:15 pm	Panel Discussion - How can We Help Each Other? ( <i>Panel Discussion</i> ) <i>Panelists: Representatives from India Hydrogen Association, SIAM, Shell Hydrogen, IOC, ARAI, PESO, DOE, PATH</i> <i>Co-moderators: Ms. Karen Hall, NHA, Tom Joseph</i>
9:40 am-10:20 am	International Standards and Regulations <i>Dr. Jim Ohi, H2O-E</i>	1:15 pm-1:30 pm	Summary of Next Steps - How to Bring It All Together from India's Perspective <i>Moderator: Dr. R.K. Malhotra, IOC</i>
10:20 am-11:00 am	How Government-Led Coordinated Efforts in the U.S. has Advanced Hydrogen and Fuel Cell codes, Standards and Regulations <i>Mr. Antonio Ruiz, U.S. Department of Energy</i>	1:30 pm	Adjournment and Lunch
11:00 am-11:15 am	Break		

[www.HPATH.org](http://www.HPATH.org)

[www.HydrogenSafety.info](http://www.HydrogenSafety.info)





Hosted by the Partnership for Advancing the Transition to Hydrogen, U.S. National Hydrogen Association, and IndianOil Corp. in conjunction with the World Hydrogen Technologies Convention.



# Save the Date

## International Hydrogen Codes & Standards Workshop

Saturday, 29 August, 9am - 1:30pm • India Habitat Centre  
In conjunction with the World Hydrogen Technology Conference

The Partnership for Advancing the Transition to Hydrogen (PATH), with support from the U.S. Department of Energy and the U.S. National Hydrogen Association, is pleased to announce a Workshop for Hydrogen Codes and Standards in New Delhi, India on 29 August 2009! The Workshop will be held in conjunction with the 2009 World Hydrogen Technologies Convention ([www.WHTC2009.com](http://www.WHTC2009.com)) 26-28 August at the India Habitat Centre, the site of WHTC 2009. The Workshop will be held from 9:00 am to 1:30 pm, and be followed by lunch. The agenda for the Workshop will be available on PATH's website soon ([www.HPATH.org](http://www.HPATH.org)).



The Workshop will review success stories and lessons learned on hydrogen facilities siting and demonstration projects, and explore synergistic opportunities in codes, standards and regulations development in India and surrounding countries. This will be done in the context of the status of international hydrogen codes, standards and regulations, and will be useful to all countries at an early stage of developing hydrogen safety requirements. Therefore, anyone interested in understanding the challenges faced in India and other countries at an early stage of developing hydrogen

requirements, and learning more about the successes from other countries, is encouraged to attend. Participants will have a chance to share the challenges they face. Key outcomes of this event will include coordinated action within India and with other interested countries.

### Contact Information

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