

ANGVA CNG CYLINDER SAFETY WORKSHOP

23rd November 2008

Bangladesh -China Friendship Convention Centre,
Dhaka, Bangladesh

WORKSHOP MODULES

Time: 9.00 am - 5.00 pm

Module I: General Overview of Safety Issues
Why it is important.

- Accidents and analysis- and the need for reporting.
- Kit installation approvals, certification of Installers

Module II: Cylinder 101

- Standards - Philosophy etc., types, certification.
- Testing.
- Non CNG vs. CNG cylinders - the deadly difference.
- Rogue and remanufactured (modified) cylinders.
- Ground Storage.

Module III: Cylinder Handling and Installation

- Location. Piping. Venting. Mounting Brackets.
- General Handling.

Module IV: Cylinder Inspection.

- Why. When. What to look for.
- Disposal.

Jointly Organised by:



Asia Pacific Natural Gas
Vehicles Association

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Global Events Management
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PRESENTER PROFILE



Bernard James. P.Eng
President
TransEnerTech
Canada

Bernie has a basic degree in Civil Engineering (Queen's University Kingston Canada), a Masters in Mechanical Eng. (RMCS, UK) and a Masters in Eng. Management (University of Ottawa). After 20 years in Canada's Military where he spent several years as an engineer at the vehicle testing facility and writing technical specification for military vehicles he joined the department of Energy Mines and Resources (later renamed Ministry of Natural Resources Canada (NRCan)). At NRCan he worked in the alternative transportation energy area, the last 10 years of which he was responsible for managing the research and development program in the transportation energy field. He also was the Chairman of the International Energy Agency Implementing Agreement for Advance Motor Fuels - a multi- country cooperative Research Development & Demonstration (RD&D) committee, the first leader of Working Group (WG) 3 in Technical Committee (TC) 58 responsible for developing the ISO 11439 cylinder standard, Chairman of the Canadian NGV Technology Committee and a member of several Canadian Standards Committees on Automotive issues. After retirement Bernie formed his own consulting company, TransEnerTech, and has kept his hand in the alternative fuels technology area. He has worked in Pakistan, Hungary, Peru, and Malaysia on NGV, particularly in NGV standards development. He also keeps up with technology development in the transportation area as a consultant to the Sustainable Development Technology Canada organization. He also consults and collaborates with Powertech Laboratories on NGV and H2 cylinder work.

Bernie has made several presentations on CNG cylinder safety issues. At the IANGV NGV 2008 Conference in Rio De Janeiro Bernie was honored with the "NGV Champion" award for his leadership in alternative fuel public policy, technology innovation, and the advancement of the global natural gas vehicle industry.

REGISTRATION FORM

COMPANY NAME AND CONTACT DETAILS

Company Name: _____

Address: _____

Invoicing Person:

Last Name: _____ First Name: _____

Department: _____ Job Title: _____

Contact No: _____ Fax No: _____

Email: _____

DELEGATE DETAILS

Delegate (1) Mr () Mrs () Ms () Dr () Others (___)

Last Name: _____ First Name: _____

Job title: _____ Department: _____

DID/ Mobile No.: _____ Fax No: _____

Email: _____

Delegate (2) Mr () Mrs () Ms () Dr () Others (___)

Last Name: _____ First Name: _____

Job title: _____ Department: _____

DID/ Mobile No.: _____ Fax No: _____

Email: _____

Delegate (3) Mr () Mrs () Ms () Dr () Others (___)

Last Name: _____ First Name: _____

Job title: _____ Department: _____

DID/ Mobile No.: _____ Fax No: _____

Email: _____

**30% discount for
ANGVA members**

REGISTRATION FEE

Non Members: USD 80 / BDT 5480

Members : USD 56 / BDT 3840

HOW TO REGISTER

Phone & Fax : +880 2 8852281

Email : info@icngvevents.com

Mail to:

**Global Events Management
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House # 12A (3rd Floor), Road
#8, Gulshan-1, Dhaka-1212,
BANGLADESH

PAYMENT METHOD

By Telegraphic Transfer to:

**Global Events Management
Services**

Bank Name: First Security Bank Ltd.

Branch Address: Gulshan

Account number: 131000024-4

Swift Code : FSEBDDHGUL.

PAYMENT POLICY

Full payment is required before the event. Payment bank slip MUST be forwarded to the ANGVA Secretariat via fax or email as a proof of payment. Registration fee includes lunch, refreshments and training materials.