



**IANGV**

International  
Association  
for Natural  
Gas Vehicles

INCORPORATED

## ***Organisation Profile and Application for Membership***



## Objectives

The objective of the International Association for Natural Gas Vehicles is to increase the share of natural gas in the transportation energy market. To achieve this objective the IANGV undertakes activities aimed at promoting the efficiency, safety, low emissions, and durability of natural gas vehicles and fuelling equipment.

The IANGV, which was formed in 1986, now has more than 500 members representing more than 50 countries. Membership is drawn from the full spectrum of stakeholders in a growing NGV industry including natural gas utilities, oil companies, vehicle, engine and NGV equipment manufacturers, vehicle conversion shops, research organizations and government departments and agencies. In addition the IANGV also welcomes as members individuals with an interest in promoting NGV market growth.

## The Programme

The activities of the IANGV are grouped into five programme areas.

1. To collect and disseminate information related to the use of natural gas in vehicles.
2. To organize conferences for the industry:
3. To encourage the co-operation of engine and vehicle manufacturers to facilitate both the conversion of new vehicles and the introduction of factory-made natural gas vehicles.
4. To promote uniform standards and codes of practice.
5. To identify international R and D requirements and facilitate co-operative research.

## Conferences

The IANGV is committed to holding a major conference and trade show every two years.

The following conferences have already been held:

NGV'88 - Sydney, Australia	<i>NGV - The New Direction in Transportation</i>
NGV'90 - Buenos Aires, Argentina	<i>New Life in Transportation — Naturally</i>
NGV'92 - Goteborg, Sweden	<i>Methane Powered Vehicles — Driving for a Cleaner Future</i>
NGV'94 - Toronto, Canada	<i>Moving to Market</i>
NGV'96 - Kuala Lumpur, Malaysia	<i>Driving to Cleaner Cities</i>
NGV'98 - Cologne, Germany	<i>NGVs — Becoming a Global Reality</i>
NGV 2000 - Yokohama, Japan	<i>NGV: Transportation for the New Century</i>
NGV 2002 - Washington, DC, USA	<i>NGV: Clean Transportation for a Liveable World</i>
NGV 2004 - Buenos Aires, Argentina	<i>NGV: Road to a Better World</i>
NGV 2006 - Cairo, Egypt	<i>NGV: Live in a Clean Enviroment</i>

Of particular interest now is the increasing role being played by vehicle manufacturers worldwide as they come to appreciate the potential of natural gas vehicles to provide low levels of emissions. Vehicle and engine manufacturers are taking a greater part in future IANGV conferences, increasing the opportunity for co-operation with this important stakeholder in natural gas vehicle development. The biennial IANGV conferences have become landmark events for the announcement and publication of important technical developments and for bringing together the key participants in the world NGV community.

## Technical Meetings

The IANGV has sponsored five technical seminars dealing with a variety of key technical issues. The first seminar provided an update on cylinder technology and served as the forum to initiate the important work of developing an international cylinder standard. The second seminar identified issues requiring international attention and led to the creation of the IANGV Technical Committee. The Technical Committee



which is open to all members meets about twice each year. A wide range of topics are discussed. Seminars on emissions and engine efficiency, refuelling, the filling nozzle and marketing have also been held.

## **Web Site**

The IANGV website ([www.iangv.org](http://www.iangv.org)) has been up and running since 1995. Continuous updating has seen it become a very popular site, with over 150,000 hits per month. Both members and non-members can access a range on information covering the full spectrum of NGV activities. There is a substantial links section, making the IANGV site a one-stop shop for all your NGV information needs. Another section has a discussion forum, where requests for help or information may be posted for other NGV participants to read and comment on. The IANGV website also has the latest statistics and IANGV membership lists available.

## **Publications**

IANGV publishes a free electronic newsletter - *NGV Global* with links to the main web site [www.ngvglobal.com](http://www.ngvglobal.com). The newsletter has short summaries of the various articles appearing on the web site and each summary is directly linked to the full article.

The IANGV, from time to time, publishes papers of importance to the industry. The most important is the IANGV Position Paper. The latest edition of this book was published in 1997 in conjunction with the IGU. This is available for free download from the IANGV website. In the meantime, papers have been commissioned on various topics, including emissions and buses, gas composition, and these are also available for download from the IANGV web site.

The proceedings of NGV 2002, NGV 2004 and NGV 2006 are available for download from the website.

## **Technical Committee**

The IANGV Technical Committee was established in 1992 with the mandate to foster and promote investigation of technical issues. Currently, it has 43 members. Subjects already identified to be addressed by the Committee include the following:

1. Cylinder standard and standardisation of fill pressure
2. Certification of on-board equipment for conversion
3. Refuelling and dispensers
4. User constraints in light- and heavy-duty vehicles
5. LNG on-board systems, refuelling and dispensers
6. Gas for vehicle use composition
7. Emissions

The Committee's role is to identify issues, to determine what efforts are needed to resolve them and to influence the direction of current national efforts to address the concerns of the IANGV.

## **International Standards**

The promotion of uniform standards for NGV equipment and operational procedures is a necessary function of the IANGV. During the early years of market development, markets are small and lack economies of scale, denying natural gas the opportunity to compete with traditional transportation fuels. International standardisation is a strategic objective to allow pooling of the market demand of individual countries to promote economies of scale. The availability of recognised international standards will greatly facilitate the introduction of NGV. A considerable effort is now going into harmonisation of standards around the world.



## ***Why Join IANGV?***

From a very small base, the past few years have witnessed the rapid development of natural gas vehicle technology and markets in many parts of the world. The fact that rapid technological change is taking place makes it important for all these countries either with or contemplating a position in NGV to stay informed of developments elsewhere.

Membership in the IANGV is the best way to maintain access to the international perspective to know the progress of product and market development in other countries and to be aware of the products and services offered by suppliers. The IANGV is important to stakeholders for another reason, as it provides a forum in which members can present their position on the direction of technology and market development and solicit the support of others. That same forum is readily available to help develop a common international solution to problems which would be beyond the resources and capabilities of individual members to solve. The benefits of IANGV membership are not available through any other organization. We look forward to receiving your application.

## ***What you receive***

Membership includes a subscription to the electronic newsletter NGV Global and discounts to the bi-annual IANGV worldwide conference, and some other conferences information exchange and access to various data bases and statistics, access to expertise and experience held by IANGV members, ability to contribute to development of the NGV industry through technical groups and standards working groups and opportunities to contribute to international issues in various forums such as conferences, seminars, questionnaires and committee meetings.

The Secretariat can help members with information or contacts to solve particular technical or commercial issues.

## ***How is IANGV organised?***

IANGV is directed by the international Council. Membership of the Council comprises a representative from each national association member and from each country without a national association. All IANGV members are encouraged to attend the Council meetings. The president and other office bearers are elected by the Council for two-year terms. The President, Vice Presidents, Treasurer and Secretary General comprise the members of the Executive Committee, which is responsible for the administration of IANGV during its two year term.

The Secretary General, who is appointed by Council, is responsible for the day-to-day activities of IANGV and for implementing the decision of the Council. The Secretariat is in Auckland, New Zealand.

Potential members in Canada, Europe, India, Italy, New Zealand, Russia, and the United States should join their national or regional associations. IANGV membership is then automatic with no additional fee. Please contact us if you do not have contact details for these associations.

## ***What is the cost of membership?***

Annual membership fees which vary according to the class of membership are shown on the membership application form. Fees are for the calendar year.

For those who are interested in NGV but whose employer is not directly involved in the NGV industry, the IANGV offers an individual membership.

There is no entrance fee.



# Application for Membership

TO: The Secretary General  
International Association for Natural Gas Vehicles

I hereby apply for membership of the International Association for Natural Gas Vehicles.  
If accepted, I undertake to abide by the Rules of the Association.

Name of organisation / individual:

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Postal address: .....

.....

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Telephone: ..... Fax: .....

Email: .....

Name: .....

Position: ..... Signed: .....

## Payment Options:

Cheque or bank draft made to IANGV

Direct credit funds to IANGV NZ\$ bank account:  
Bank of New Zealand, Dominion Rd, Auckland, New Zealand  
Account number: 02-0144-0208396-00  
Account name: International Association for Natural Gas Vehicles

***Please ensure that full details of your payment are supplied to our bank  
so we can credit you promptly.***

Credit card facility - Visa / Mastercard

VISA

MASTERCARD

Card No: \_\_\_\_\_ Expiry date: \_\_\_\_\_

Card Holder Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Print this page and the Membership Categories on page 6, complete all sections and  
**Mail** with your payment to: PO Box 128446, Remuera, Auckland 1541, New Zealand or  
**Fax** to +64 9 520 3122 with your credit card details or details of your bank transfer.



## Membership Categories and Subscription Rates 2007

Category	NZ\$	LATE PAYMENT FOR 2007 AFTER 31ST MARCH 2007	
A Government	2,000.00	2,200.00	<input type="checkbox"/>
B Industry associations	2,500.00	2,700.00	<input type="checkbox"/>
C Industry Companies:			
C1: 1 - 10 employees	500.00	550.00	<input type="checkbox"/>
C2: 11 - 100 employees	625.00	675.00	<input type="checkbox"/>
C3: 101+ employees	2,000.00	2,200.00	<input type="checkbox"/>
D Research organisations	2,000.00	2,200.00	<input type="checkbox"/>
E Vehicle and engine manufacturers	2,500.00	2,700.00	<input type="checkbox"/>
F Individuals	150.00	170.00	<input type="checkbox"/>
G Students	150.00	170.00	<input type="checkbox"/>
H International organisations	2,000.00	2,200.00	<input type="checkbox"/>
I Energy companies	2,500.00	2,700.00	<input type="checkbox"/>
J Non profit organisations	500.00	550.00	<input type="checkbox"/>

Please ✓ the Category of membership for which you are applying and  
return with your completed Application Form and payment.