



**Indian  
Auto LPG  
COALITION**  
*Fuelling a greener future*

**MEMBERSHIP DIRECTORY  
2008**

Warming up to all the action with more than 500 stations in the country now and Auto LPG being available in more than 250 cities already, more and more vehicle owners are converting to this Economical and Environment Friendly Fuel, paving way for India to become one of the largest Auto LPG markets in the world in the next few years.

Low costs of infrastructure and conversion, easy availability, versatility of use and of course, an impeccable safety record make Auto LPG the only viable, un-adulterable and environment friendly alternative auto fuel in India.



# Indian Auto LPG COALITION

*Fuelling a greener future*

IAC, a member of "Central Motor Vehicle Rules - Technical Standing Committee" (CMVR-TSC) & "Standing Committee on Emission Legislation" (SCOE), Government of India, is widely recognized as the nodal body for the Auto LPG Industry in India with practically all major stakeholders on board. IAC membership base is expanding rapidly and we now have the Oil Sector PSUs, Private LPG Marketers, Kit Suppliers, Equipment Manufacturers and Turnkey Installers as members, in addition to a very proactive support of World LPG Gas Association, USAID, ARAI and SIAM.

We have been actively organizing Seminars, Workshops and various activities for state RTO's like that for Maharashtra, Karnataka, participating at various International forums like World LPG association activities in France, USA, China & South Africa and initiating very meaningful interactions with the leading OEs.

Please visit our comprehensive website at [www.iac.org.in](http://www.iac.org.in) for more details.

## Mission

*Promote LPG in an integrated manner, as an alternate, gaseous, environment friendly fuel by involving all stakeholders to bring a cost effective & safe auto fuel to Indian consumers, using the best global practices*

**Economy** of a diesel vehicle, **Emissions** of a CNG engine and **Performance** of a petrol engine

# EVENTS



ENVIRONMENTAL LEADERSHIP AWARD



IAC organized Seminar on Inspection and Safety in Mumbai on Sep 12, 2006



IAC organized Workshop at ARAI Pune in 2006



(Standing left to right, Mr. Curtis Donaldson (President, CleanFUEL USA), Mr David Garman (Assistant Secretary, US Department of Energy), Mr. John Joseph (President, IAC and VP Reliance Industries) and Mr. Suyash Gupta (General Secretary, IAC and Director, CleanFUEL India)



IAC President, Mr. John Joseph and Vice President, Mr. Sunil Mathur attended the WLP's GAIN Council meeting in Nice, France in May 2007. Mr. John addressed the gathering. The car in the photograph was driven down to Nice from Paris, 800 kms away, all the way on ALPG, in 8 hours.



IOC Chairman Mr Sarthak Behuria (third from left) at IAC's booth in World LPG Forum at Shanghai. Standing to his left is Mr Minal Roy (GM-LPG) IOC.



Front row, left to right, Mr. Shinde (Transport Commissioner Maharashtra), Mr J Joseph (IAC), Mr Desai (Reliance), Mr K Bala Krishna (USAID), Mr KK Gandhi (SIAM), Mr M K Chaudhari ( ARAI) Standing left to right: Suyash Gupta (CleanFUEL), Ms Maria Reidpath (NETL) and Emobility International LLP.



Complete Indian delegation with US Department of Energy team at Clean Cities International conference in Palm Springs, California, in May 2005



BPCL Director Marketing Mr S Rudhakrishnan (third from left) at IAC's booth in World LPG Forum at Shanghai. Standing to his right is Mr R Singh (ED-LPG) BPCL.



IAC organized LPG Kit Safety Check up camp at IOC LPG Station in New Delhi on Sep. 10, 2006.



Mr Pramod Nangia, Director, Ministry of Petroleum and Natural Gas (second from left), with Mr S V Sahni (ED-LPG), Hindustan Petroleum Corporation Ltd at IAC booth in Shanghai.



IAC Organized Seminar on Inspection & Safety in Aurangabad on July 28, 2007



IAC Delegation with General Motors India VP Mr. Anuksh Arora



IAC Runners with Reliance President P. Raghavendran Participating in Mumbai Marathon 2007

# EVENTS



Fourth All Stakeholder meet at Mumbai in September 2006



IAC Delegation with Ford India President Mr. Arvind Matthew (4<sup>th</sup> from left)



Shri S.K. Dash - Joint Secretary, Ministry of Road Transport & Highways, Inaugurating the seminar by lighting a lamp



Shri S.K. Dash releasing IAC's Inaugural Newsletter



Shri P.C. Kataria (J. COE) addressing the delegates



Shri P. Raghvendra - President - Reliance Ind Ltd. (Refinery Business) delivering the key note address



Shri S.K. Hazra - Managing Director AEGIS Logistics Limited chairing the session on Infrastructure



Shri Baling Ghantoi - (Former Chairman CMVR Technical Committee) chairing the session on Retrofits



More than 75 Delegates participated in the Conference



Ms Anumita Roy Chowdhury with Mr S R Marathe (Director-ARAI) and Mr M K Chaudhari (Sr Dy Director-ARAI)



IAC Delegation at Auto Expo 2008



IAC Contingent at Mumbai Marathon 2008



**Indian  
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## Aarding ( India) Pvt. Ltd.

Contact Person	:	Raju Joseph Pulikkunnel Managing Director
Company Website	:	<a href="http://www.aardingindia.com">www.aardingindia.com</a> <a href="http://www.stargasindia.com">www.stargasindia.com</a>
Address	:	No: 218, H.S.R. Layout, Ring Road, Agara, Bangalore - 560 102
Phone	:	+91 - 80 - 2563 2101 / 02
Fax	:	+91 - 80 - 2563 2001
Email	:	<a href="mailto:aarding@vsnl.com">aarding@vsnl.com</a>

### Company Activity

Aarding (India) Pvt. Ltd. is the Indian subsidiary of AARDING Group of Holland, incorporated in 1994 in Bangalore. After seeing the prospect of Auto LPG conversion Industry in Europe, Aarding started investing in developing Indian Auto LPG market since 1995 & now we have a strong foothold & Reputation in Auto LPG Conversion Kit domain in India as the Sole Importer of STARGAS, Srl, Italy LPG Conversion Systems. Aarding has developed the expertise to produce premium quality LPG conversion accessories from the experience leveraged by serving the Indian Auto LPG Industry for a period of over one decade. The company is also in to export of various engineering products to several renowned companies in Europe and Middle East. Aarding also produces ARAI tested LPG conversion kit accessories under the brand name AMOGAS [daughter concern]. We have also fulfilled the Corporate Social Responsibility by starting up ACCESS (Aarding Children Charitable Education Service Society), which imparts free education and training to poor children in automobile repair and related subjects.



## ACE LPG Car Kits Pvt. Limited

Contact Person	:	Amit Shah Managing Director
Company Website	:	<a href="http://www.ancelpg-cng.com">www.ancelpg-cng.com</a>
Address	:	A/101, Amrut Industrial Estate, Western Express Highway, Opp. Vasani Petrol Pump, Mira Road (E), Thane, Mumbai - 401 104
Phone	:	+91 - 22 - 2845 8431 / 7935 / 36
Fax	:	+91 - 22 - 2845 7432
Email	:	<a href="mailto:helpdesk@ancelpg-cng.com">helpdesk@ancelpg-cng.com</a>

### Company Activity

Ace Lpg Car Kits Pvt. Ltd. is the 1<sup>st</sup> Company in India to receive approvals from Government to run vehicles on LPG. 1<sup>st</sup> Company in India to receive approvals from Department of Explosives for Multifunctional Valve Assembly manufactured by M/s Tomasetto Achille; Italy – A Pioneer in manufacturing Multivalves for Automotive LPG application . ACE LPG is authorized to retrofit vehicle models ranging from Maruti 800 to Mercedes from year 1984 to the latest Euro III emission norms. Company has distribution network across India covering more than 100 cities & towns to distribute & retrofit LPG kits of Tomasetto & ACE brand.





## Aegis Logistics Limited

Contact Person	:	S.K. Hazra Managing Director
Company Website	:	<a href="http://www.aegisindia.com">www.aegisindia.com</a>
Address	:	403, Peninsula Chambers, Peninsula Corporate Park, G.K. Marg Lower Parel (W), Mumbai - 400 013
Phone	:	+91 - 22 - 6666 3666
Fax	:	+91 - 22-6666 3777
Email	:	<a href="mailto:skhazra@aegisindia.com">skhazra@aegisindia.com</a>

### Company Activity

Founded in 1956, AEGIS (earlier known as Aegis Chemical Industries Ltd.) was a major Specialty Chemical Manufacturing Company till end 1998, providing Chemical logistics service as well. The Company realigned its business strategy since 1999 solely focusing on Oil, Gas and Chemical logistics, divesting its manufacturing portfolio. Simultaneously Aegis Logistics started marketing LPG and Propane Gas to Indian Industry, establishing itself as the leading Private Marketer of these Gases. Since 2006 AEGIS has also entered into Autogas Dispensing business as well and is aggressively setting up Autogas Dispensing stations in Western, Central and Southern States.

AEGIS has following businesses:

- Tank storage and terminalling
- Autogas dispensing
- Gas storage and distribution
- Petroleum distribution
- Logistics management services



## Auto Gas Energy India Limited

Contact Person	:	Abel Jeyaprakash General Manager
Company Website	:	<a href="http://www.autogasenergy.com">www.autogasenergy.com</a>
Address	:	Auto Gas Energy India Limited 39/4141, M.G. Road, Ravipuram, Kochi - 682 016, Kerala
Phone	:	+91 - 484 - 2359 244
Fax	:	+91 - 484 - 2359 240
Email	:	<a href="mailto:gasenergy@autogasenergy.com">gasenergy@autogasenergy.com</a>

### Company Activity

Auto Gas Energy India Limited has been in the Marketing of Auto LPG through Auto LPG Dispensing Stations(ALDS) in the Brand name GAS ENERGY and has been a name to reckon within the Auto Gas Industry. From a humble beginning in 2003, GAS ENERGY has become the largest AUTO LPG Parallel Marketeer in India. Auto Gas Energy India Ltd has been recognized as an Approved Auto LPG Installer and also as an Approved Auto LPG Operator for Auto LPG Dispensing Stations regulated under the Static and Mobile Pressure Vessels (Unfired) Rules, 1981. Presently, GAS ENERGY has commissioned 13 ALDS in the Kerala region and is at the verge of commissioning more than a dozen stations, in the length and breadth of Kerala.

The state-of-the-art energy efficient and eco- friendly technologies, secured through internationally reputed collaborations, have enabled GAS ENERGY to install and operate ALDS with specific standards and by dispensing the super green fuel to motor vehicles GAS ENERGY helps to reduce environmental issues and ensures more miles and smiles in customers, with Auto LPG, the substitute for conventional fuels.



## Bharat Petroleum Corporation Limited

Contact Person	:	A.K. Goel Senior Manager - Design & Development
Company Website	:	<a href="http://www.bharatpetroleum.com">www.bharatpetroleum.com</a>
Address	:	Retail Headquarter 12th Floor, 'E' & 'F' Block, Maker Towers, Cuffe Parade, Mumbai - 400 005
Phone	:	+91 - 22 - 2218 2551
Fax	:	+91 - 22 - 2216 1713
Email	:	<a href="mailto:goelak1972@bharatpetroleum.com">goelak1972@bharatpetroleum.com</a>

### Company Activity

The Corporation meets its LPG customers' needs through its huge infrastructure and dedicated team of people. An All India network of over 2061 Distributors and more than 46 LPG Territory Offices helps ensure that customer focus is uppermost in mind.

Bharat Petroleum's huge infrastructure and wide network of Bharat Gas Distributors, which is spread across the country, is its strength in meeting customer needs. A Bharat Gas distributorship operates for a given geographical area, within which the customers can be conveniently serviced to their satisfaction.

The Distributors provide home delivery service of LPG refills as and when the customers book their refills. Mechanic services are also provided to customers during the office hours on all working days. Mechanic service is free for any leakage complaint pertaining to the cylinder and pressure regulator provided to the customer by the Bharat Gas Distributor.



## Bhiwadi Cylinders Pvt. Ltd.

Contact Person	:	R. K. Raina Vice President- Marketing
Company Website	:	<a href="http://www.bhiwadicylinders.com">www.bhiwadicylinders.com</a>
Address	:	331, Ansal Chambers - II, 6, Bhikaji Cama Place, New Delhi - 110066
Phone	:	+91 - 11 - 4165 8358 / 8708
Fax	:	+91 - 11 - 4165 8458
Email	:	<a href="mailto:info@bhiwadicylinders.com">info@bhiwadicylinders.com</a> <a href="mailto:rainark@bhiwadicylinders.com">rainark@bhiwadicylinders.com</a>

### Company Activity

Established in 1998 Bhiwadi Cylinders, an ISO 9002 company is one of the largest cylinder manufacturer in India having an annual production capacity of around one million cylinders with manufacturing unit located at Bhiwadi, around 90 kms from the National Capital, Delhi (India). The company is in the process of getting ISO/TS :16949, ISO 14001 :2004, OHSAS 18001 and D.O.T (US) approvals.

Bhiwadi Cylinders is one of the major cylinder suppliers to the leading public sector LPG marketing companies in India like Indian Oil Corporation Limited, Bharat Petroleum Corporation Limited and Hindustan Petroleum Corporation Limited and have so far supplied nearly one million LPG cylinders to these marketing companies. The company also manufactures Refrigerant Cylinders, Disposable Cylinders (which are exported world over and are accepted for its quality and workmanship). Stainless Steel Cylinder for special applications and also supplies parts for High Speed Coaches to Indian Railways at their Rail Coach Factory.



CALTEX

## Caltex Gas India Private Limited

Contact Person	:	R. Anandan Deputy General Manager -Imports & Bulk Sales
Company Website	:	<a href="http://www.caltexgasindia.com">www.caltexgasindia.com</a>
Address	:	"Gold Crest" # 54 & 55, North Usman Road, T. Nagar, Chennai – 600 017
Phone	:	+91 - 44 - 2815 8450
Fax	:	+91 - 44 - 2815 7636
Email	:	<a href="mailto:ranandan@chevron.com">ranandan@chevron.com</a>

### Company Activity

Caltex Gas India Private Limited is a subsidiary unit of the Chevron Corporation operating in South India.

Chevron Corporation is the third largest global energy company in terms of global oil reserves and the fourth largest in terms of global oil and natural gas production. Chevron operates in 180 countries and markets its full range of products under its Chevron, Texaco and Caltex brands.

Our Terminal is located at the Port city of Tuticorin. The Terminal has a capacity to store 8500 MT of LPG in refrigerated condition. We have been awarded rating **No.:1 (Good)** - highest rating - by the performance rating agency, M/s. Credit Analysis & Research Ltd., as per the statutory requirement of LPG Control Order, 2000 and Auto LPG Control Order, 2001. We are marketing LPG conforming to IS 4576 and Auto LPG conforming to IS 14861-2000 across South India.



## CleanFUEL India Autogas Pvt. Ltd.

Contact Person	:	Suyash Gupta Managing Director
Company Website	:	<a href="http://www.cleanfuelindia.com">www.cleanfuelindia.com</a>
Address	:	T-33, Okhla Industrial Area, Phase-II, New Delhi - 110 020
Phone	:	+91 - 11 - 4060 0000
Fax	:	+91 - 11 - 4143 5373
Email	:	<a href="mailto:suyash@vsnl.com">suyash@vsnl.com</a>

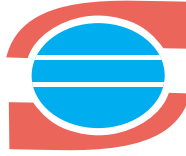
### Company Activity

Working closely with US Department of Energy's Clean Cities International Program, CleanFUEL USA, understood the requirements of Indian market and started close interactions with all stakeholder groups.

CleanFUEL was also instrumental in the formation of Indian Auto LPG Coalition, with now has members across all stakeholder groups including the main oil companies, vehicle manufacturers, NGOs, certifying agencies and transport authorities.

CleanFUEL's dispensing equipment have already been installed in various Indian cities and has been running very successfully over the last three years, with zero downtime and negligible maintenance.

Currently providing, the latest state of the art, LPG Dispensing Equipment to LPG Marketers, CleanFUEL is now expanding to provide complete fuel management solutions including turnkey installations and also Auto LPG retailing.



## CLH Gaseous Fuel Applications Pvt. Ltd.

Contact Person : Shishir Agrawal / Gagan Agrawal  
Director (s)

Address : Plot No.-227,  
Udyog Vihar- Phase-IV,  
Gurgaon, Haryana

Phone : +91 - 124 - 4386 990 / 91

Fax : +91 - 124 - 4386 995

Email : [s.agrawal@shigan.net](mailto:s.agrawal@shigan.net),  
[g.agrawal@shigan.net](mailto:g.agrawal@shigan.net)

### Company Activity

CLH Gaseous Fuel Applications Pvt. Ltd. is an OE supplier to Automobiles Manufacturing Companies in India for all Heavy Duty Vehicles, Stationery (Including Genset) and Industrial Engines.

CLH is engaged in Designing, Optimizing, Manufacturing, Assembling, Testing and Kit Integration of Alternate Fuel Systems.

CLH has Exclusive MoU with ARAI for joint development of future Technologies such as Port injection, Hythane, Hydrogen, Fuel Cell etc.

Kits for Heavy Duty Engines

Light Duty Commercial Vehicles

Buses & Power generation Equipments and Industrial Equipments viz. Forklifts etc



## Dars Automobiles Inc.

Contact Person	:	Dinesh Sipani Proprietor
Company Website	:	<a href="http://www.longas.in">www.longas.in</a>
Address	:	10/1, Queens Road, Bangalore - 560 052
Phone	:	+91 - 80 - 4147 5800 / 4114 8338
Fax	:	+91 - 80 - 2225 7308
Email	:	<a href="mailto:sipani@vsnl.com">sipani@vsnl.com</a> , <a href="mailto:dars@eth.net">dars@eth.net</a>

### Company Activity

Dars Automobiles Inc is the Exclusive Distributor of M/s Longas Italy for their LPG and CNG conversion kits. In India Dars is one of the leading LPG Conversion kit suppliers having converted nearly 1,00,000 vehicles to LPG in the last 5 years.

Longas Kits have been extensively tested and approved for the complete range of Cars and Auto rickshaws by the Govt of Indian Test Agency Vehicle Research and Development Establishment (VRDE) and Automobile Research Association of India (ARAI).

Longas kits and now also approved for conversion of Two Wheelers to LPG.

Dars growth in the Auto LPG field is due to the superior yet Simple Technology of the Longas LPG system and the excellent technical support and after sales service from our Sales and service network of over 150 retro fitment centers throughout the country, and an emphasis to provide the best Service with a high quality product at a reasonable price. This has resulted in a huge number of satisfied customers growing by the day.





## Elf Gas India Ltd.

Contact Person	:	Girish B Kotbagi - GM – Technical & Marketing Services Saji Pillai - GM – Sales
Company Website	:	<a href="http://www.totalfinaelf.com">www.totalfinaelf.com</a>
Address	:	# 721, CMH Road, Indiranagar, Bangalore - 560 038
Phone	:	+91 - 80 – 2528 4670 / 71 / 72
Fax	:	+91 - 80 – 2529 5815 / 2528 2254
Email	:	<a href="mailto:k.girish@elfgas.co.in">k.girish@elfgas.co.in</a> <a href="mailto:g.saji@elfgas.co.in">g.saji@elfgas.co.in</a>

### Company Activity

Elf Gas India LTd (EGIL) is a wholly owned subsidiary of TOTAL SA, a French multinational company headquartered in Paris and one of the four largest publicly traded integrated oil and gas companies in the world with operations in more than 130 countries.

EGIL is headquartered in Bangalore. EGIL is engaged in the business of import, storage and distribution of LPG for industrial, commercial, domestic and automotive applications.

EGIL has set up a fully owned import terminal at Mangalore with a capacity to store 180,000 cubic meters of LPG in 6 Horton Spheres and the terminal is designed to receive 300,000 MT of LPG per annum. The import terminal and storage facility is operational since 1999.

TOTAL has set up second import terminal (cavern) in a joint venture with Hindustan Petroleum Corporation Ltd, at Vishkapatnam with a capacity to store 60,000 MT of LPG.



## Essar Oil Limited

Contact Person	:	Devendra Shastri Jt.GM - Direct Sales
Company Website	:	<a href="http://www.essar.com">www.essar.com</a>
Address	:	Essar Oil Limited Essar House, 11, KK Marg, Mahalaxmi, MUMBAI - 400 034
Phone	:	+91 - 22 - 6660 1100
Fax	:	+91 - 22 - 2495 4675
Email	:	<a href="mailto:Dshastri@essar.com">Dshastri@essar.com</a>

### Company Activity

Essar oil limited is a fully integrated Oil Company, with presence from Rig to Retail. There are three divisions comprising of Exploration&Production, Refinery and Marketing. The company has commissioned a 10.5MMTPA refinery at Vadinar in Gujarat. The Exploration and Production (E&P) business of the company has participating interests in several hydrocarbon blocks for exploration and production of Oil & Gas, namely in Mehsana in Gujarat, and Cachar in Assam. It has also been awarded a Coal Bed Methane (CBM) block at Ranigunj in West Bengal. The company already has about 1200 retail outlets and another 800 are in various stages of construction/commissioning.



## Gas Projects (India) Pvt. Ltd.

Contact Person : Prashant C. Parikh  
Executive Director

Company Website : [www.gasprojects.com](http://www.gasprojects.com)

Address : 17/C, Shivshakti Industrial Estate  
L.B.S. Marg Ghatkopar (W)  
MUMBAI - 400 086

Phone : +91 - 22 - 2500 3040

Fax : +91 - 22 - 6796 9900

Email : [prashant@gasprojects.com](mailto:prashant@gasprojects.com)

### Company Activity

- **Construction :**
  - Auto LPG Dispensing Station
  - Bulk Storage Installation for Industry
  - Reticulated System
  - Mini Bottling Plant
  - Skid Mounted Packages
- **Services :**
  - Preventive & Maintenance
  - Break Down Maintenance
  - Consultancy & Engineering
- **Product Handle :**
  - Auto LPG Dispensing Station
  - LPG
  - Propane
  - Carbon Dioxide
  - Ammonia
  - Ethylene Oxide
  - Chlorine
  - Methylamines
  - Hydrogen
  - Oxygen
- **Approvals :**
  - PESO approved Installer.
  - PESO approved Fabricator.
  - ISO 9001 : 2000 certified Organisation.
- **Achievements :**
  - Constructed first Auto LPG Dispensing Station in India.
  - Constructed first 10 MT Propane Storage Installation in India.
  - Commissioned more than 1250 Bulk Installations.
  - Commissioned more than 200 Auto LPG Dispensing Stations.
  - Biggest Vapourising Capacity installed 5000 Kg/hr. for M/s. Konark Met Coke Ltd.
- **Distributors & Dealers for :**
  - M/s. Gilbarco Veeder Root LPG Products, USA
  - M/s. Yenen Engineering Ltd., Turkey.
  - M/s. Corken Inc., USA.
  - M/s. Rego GMBh, Germany.



## Haldia Petrochemicals Ltd.

Contact Person	:	Rabin Mukhopadhyay Sr. Vice President
Company Website	:	<a href="http://www.haldiapetrochemicals.com">www.haldiapetrochemicals.com</a>
Address	:	1, Auckland Place Kolkata - 700 017
Phone	:	+91 - 33 - 2283 1632
Fax	:	+91 - 33 - 2283 1669
Email	:	<a href="mailto:rabin.mukhopadhyay@hpl.co.in">rabin.mukhopadhyay@hpl.co.in</a>

### Company Activity

Haldia Petrochemicals Limited (HPL) is a modern naphtha based Petrochemical Complex located 125 kms from Kolkata, at Haldia, West Bengal, India.

It is a prestigious Joint Venture project having the Government of West Bengal, The Chatterjee Group, the TATAs with the Indian Oil Corporation, etc. as major stakeholders.

HPL manufactures commodity polymers (HDPE, LLDPE, and PP) and chemicals / fuels (benzene, butadiene, CBFS, LPG motor spirit, pyrolysis gasoline etc.)

HPL is the second largest player in the domestic poly olefins market.

The company's objective is to be a profitable, efficient and customer focused organization recognized as a leading supplier of quality products and services.



## Hovel Autogas.

Contact Person	:	Nafees Abbas
Company Website	:	<a href="http://www.hovelautogas.com">www.hovelautogas.com</a>
Address	:	15, Rashid Market New Delhi - 110 051
Phone	:	+91 - 11 - 2245 0714 / 3093 7974
Fax	:	+91 - 11 - 2246 8039
Email	:	<a href="mailto:info@hovelautogas.com">info@hovelautogas.com</a>

### Company Activity

Providing a cost - effective alternative

Putting ideas to work requires dedication, an element of enthusiasm and a whole lot of technological coordination. Man, mind and machine in one harmonious turn of the wheel mould products that speaks volumes on perfection. After all, synergy is the pivot to the wheel of success. To tune in with times, Hovel Auto Gas pioneered the production of Auto Gas kits in India. Perfecting the indigenous technology, today Hovel provides total solutions for not only the kits but indigenously manufactured spare parts to insure that its clients continue to get the optimum performance levels from their Gas Kits. Today Hovel Gas kits find application in a wide range of transport vehicles ranging from CNG buses to Auto Richshaws and Cars.



IndianOil



## Indian Oil Corporation Limited

Contact Person	:	Mr. R.N. Ghosh Dy. General Manager
Company Website	:	<a href="http://www.iocl.com">www.iocl.com</a>
Address	:	Indian Oil Bhawan, Ali Yavar Jung Marg, Bandra (East), Mumbai - 400 051
Phone	:	+91 - 22 - 2644 7586
Fax	:	+91 - 22 -
Email	:	xxxx

### Company Activity

Indian Oil Corporation Ltd. (Indian Oil) was formed in 1964 through the merger of Indian Oil Company Ltd. (Estd. 1959) and Indian Refineries Ltd. (Estd. 1958). It is currently India's largest company by sales with a turnover of Rs. 220,779 crore (US \$51 billion), the highest-ever for an Indian company, and profits of Rs. 7499 crore (US \$1.73 billion) for fiscal 2006. IndianOil is also the highest ranked Indian company in the prestigious Fortune 'Global 500' listing, having moved up 18 places to the 135th position this year based on fiscal 2006 performance. It is also the 20th largest petroleum company in the world. IndianOil and its subsidiaries account for 47% petroleum products market share, 40.4% refining capacity and 67% downstream sector pipelines capacity in India.

For the year 2006-07, the Indian Oil group sold 57.97 million tonnes of petroleum products, including 1.63 million tonnes of natural gas and exports of 3.13 million tonnes. The IndianOil Group of companies owns and operates 10 of India's 19 refineries with a combined refining capacity of 60.2 million tonnes per annum (1.2 million barrels per day). These include two refineries of subsidiary Chennai Petroleum Corporation Ltd. (CPCL) and one of Bongaigaon Refinery and Petrochemicals Limited (BRPL).



## Larsen & Tourbo Limited

Contact Person	:	G.S. Gulati Assistant General Manager - Sales (Auto LPG Dispensing Business )
Company Website	:	
Address	:	Gate No.1, 'C' Building, 1st Floor, Powai Works (W), Saki Vihar Road, P.O.Box - 8901, Mumbai - 400 072
Phone	:	+91 - 22 - 5505 1401 / 1018
Fax	:	+ 91 - 22 - 5505 1241
Email	:	<a href="mailto:gulatigs@intebg.com">gulatigs@intebg.com</a>

### Company Activity

Larsen & Toubro Limited (L&T) is India's largest engineering and construction conglomerate with additional interests in electricals, electronics and IT. A strong customer-focus approach and constant quest for top-class quality have enabled L&T to attain and sustain leadership over 6 decades.

EPC project business constitutes a critical part of the L&T's engineering core. L&T has integrated its strengths in basic and detailed engineering, process technology, project management, procurement, fabrication and erection, construction and commissioning, to offer single point responsibility under stringent delivery schedules. Strategic alliances with world leaders enable L&T to access technical know-how and execute process intensive, large scale turnkey projects to maintain its leadership position.

L&T's international presence is on the rise, with a global spread of over 30 offices and joint ventures with world leaders. Its large technology base and pool of experienced personnel enable it to offer integrated services in world markets.



## Lovato Gas S.p.A

Contact Person	:	C Anand General Manager
Company Website	:	<a href="http://www.lovatogas.com">www.lovatogas.com</a>
Address	:	89, Bishop Garden, Greenways Road Chennai - 600 028
Phone	:	+91 - 44 - 2462 1274 / 75 / 4210 3335
Fax	:	+91 - 44 - 2462 1273
Email	:	<a href="mailto:info_india@lovatogas.com">info_india@lovatogas.com</a>

### Company Activity

Lovato Gas. S.p.A., Italy is engaged in the manufacturing and supply of Gas conversion (LPG/CNG) kits since 1958 . Products are designed to provide cleaner and safer environment. The manufacturing plant is located in Vicenza in Italy. Lovato Gas. S.p.A is a leading company in the world for Gas kits having ISO 9001 certification and produce devices that meet European and other International standards in conformity with the stringent safety and quality standards. We export to more than 80 countries in the world.

The products from Lovato's stable are very well recognized throughout the world mainly due to its Quality, Performance and supported by wide sales/distribution network. Lovato Gas. S.p.A. has its liaison office in India located in Chennai, which houses experienced commercial & technical manpower to provide support to this market.





## Mercantile & Industrial Development Co. Ltd.

Contact Person	:	Arup Chatterjee Managing Director
Company Website	:	<a href="http://www.midcopumps.com">www.midcopumps.com</a>
Address	:	Metro Estate, Vidyanagri Marg, Kalina, Mumbai - 400 098
Phone	:	+91 - 22 - 6771 1333
Fax	:	+ 91 - 22 - 6771 1444
Email	:	<a href="mailto:a_chatterjee@midcopumps.com">a_chatterjee@midcopumps.com</a>

### Company Activity

Products: Petroleum Dispensing Units and special products. Supplier to Indian petroleum industry since 1950 – first Indian manufacturer. Exports to Africa, Middle East, South Asia and the erstwhile USSR ISO 9002 certified in April 1998; ISO 9001 in April 2001.

Continuous upgradation of technology in manufacturing, assembly and information systems. Alliance with Tatsuno Corporation, Japan, among the world's top 3 manufacturers of petroleum retailing products. Marketing-cum-service tie-up in operation since early 1997. Technical Collaboration for manufacture/assembly of Multi-Product Dispensers in India for local and overseas markets Alliance with E.Meurs, B.V., The Netherlands Since 2000, a technical collaboration for the purpose of turnkey auto-LPG installations including the supply of dispensing equipment. OEM users and Distributors of Tatsuno and OPW nozzles, swivels, couplings and break aways.

Joint venture with Hexagon Holdings Bhd & Polymer Composites Asia Sdn Bhd, Malaysia for all types of signage products and technologies. Distributors of UPP (PetroTechnik) flexible pipework and containment systems. Distributors of STPs and Automatic Tank Gauging systems.



Switches . Horns . Lighting . LPG / CNG kits

## Minda Autogas Ltd.

Contact Person	:	Sanjay Mehta Dy. General Manager
Company Website	:	<a href="http://www.mindagroup.com">www.mindagroup.com</a>
Address	:	Village Nawada Fatehpur PO. Sikandderpur Badda Gurgaon - 122 004
Phone	:	+91 - 124 - 22290 973 / 74 / 75
Fax	:	+91 - 124 - 2290 976
Email	:	<a href="mailto:smehta@mindagroup.com">smehta@mindagroup.com</a>

### Company Activity

Minda Autogas Limited began as Minda Impco Limited - a Joint Venture between NK Minda Group and Impco Technologies Inc, USA . In April 2006, Impco, as part of their global strategy, decided to exit all Joint ventures including the one in India. Today the Rs.754 million (USD 18.62 million) Minda Autogas Limited is a fully owned company of the NK Minda Group.

Minda Autogas provides CNG / LPG kits and other alternative fuel solutions to various OEMs and the replacement market.

Minda Autogas has been supplying Maruti Udyog Limited with the LPG kits for Wagon R Duo.

With the emphasis on providing eco-friendly solutions interfacing usage of greener fuels, Minda Autogas has carved a niche for itself in the growing field of alternative fuel technologies and has the following capabilities:

- To design & develop new products from the conceptualization stage to manufacturing
- To offer technical know-how for improving existing products
- To address quality and warranty issues



## A Division of PAN Fuel Tech Pvt Ltd.

Contact Person	:	N.A. Ram - Sr. Manager (Projects) K.S.M. Raju - DGM (Operations)
Company Website	:	<a href="http://www.mygaz.net">www.mygaz.net</a>
Address	:	Plot : D1 & D2, Block 'B' Autonagar, Visakhapatnam – 530 012 Andhra Pradesh
Phone	:	+91 - 891- 2769 512 / 3959 975
Fax	:	+91 - 891- 2702 260
Email	:	<a href="mailto:info@mygaz.net">info@mygaz.net</a>

### Company Activity

PAN Fuel Tech (P) Ltd is a company engaged in distribution of alternative fuel systems i.e., LPG/CNG Kits throughout India with all statutory approvals. The company is also engaged in setting up LPG filling stations and distribution of LPG under the brand Name of *MYGAZ*.

The company is setting up 5 LPG filling stations initially and intends to take up further projects. Our First Project which is Company Owned and Company Operated ALDS was ready for commission in Visakhapatnam on NH-5.



## Petroleum India International

Contact Person	:	K R Shankaran Executive Chairman
Company Website	:	<a href="http://www.petroleumindia.com">www.petroleumindia.com</a>
Address	:	C-5, 'Keshawa', Bandra-Kurla Complex, Bandra (East), Mumbai - 400 051
Phone	:	+91 - 22 - 2659 0411 / 0195 / 0321 / 1413 / 1023
Fax	:	+91 22 - 2659 0037 / 2047
Email	:	<a href="mailto:pii@vsnl.com">pii@vsnl.com</a>

### Company Activity

Petroleum India International (PII) a consortium of mega corporates is formed in 1986 under the aegis of the Ministry of Petroleum and Natural Gas, Government of India. Our member companies include Bharat Petroleum Corporation Ltd. (BPCL), Bongaigaon Refinery & Petrochemicals Ltd. (BRPL), Chennai Petroleum Company Limited (CPCL), Engineers India Ltd. (EIL), Hindustan Petroleum Corporation Ltd., (HPCL), Indian Petrochemicals Corporation Ltd. (IPCL), Indo-Burma Petroleum Company Ltd (IBP) and Kochi Refineries Ltd. (KRL).

PII is a very unique organization mandated to offer the collective joint expertise of its members to client organizations globally in all areas of the petroleum & petrochemical sectors. We are a "single point service provider" offering a gamut of services in all areas of the Oil & Gas Sector covering - Technical Backup Services, Technical Consultancy Services, Management Consultancy Services, Turnaround Maintenance Services, Information Technology, PMC Services, HRD & Training Services and Procurement Services.

As an organization with over 2 million man-hours of consulting, PII experts are positioned in key assignments in various organizations providing critical Technical Support & Backup Services.



## Reliance Industries Limited

Contact Person	:	K.J. Jayakumar Vice President
Company Website	:	<a href="http://www.ril.com">www.ril.com</a>
Address	:	Reliance IndustriesLtd. Pudhari Sankul, Sector 30, Vashi, Navi Mumbai - 400 705.
Phone	:	+91 - 22 - 6727 0637
Fax	:	+91 - 22 - 6727 0699
Email	:	<a href="mailto:KJ.Jayakumar@ril.com">KJ.Jayakumar@ril.com</a>

### Company Activity

The Reliance Group, founded by Dhirubhai H. Ambani (1932-2002), is India's largest private sector enterprise, with businesses in the energy and materials value chain. Group's annual revenues are in excess of US\$ 27 billion. The flagship company, Reliance Industries Limited, is a Fortune Global 500 company and is the largest private sector company in India. Backward vertical integration has been the cornerstone of the evolution and growth of Reliance. Starting with textiles in the late seventies, Reliance pursued a strategy of backward vertical integration - in polyester, fibre intermediates, plastics, petrochemicals, petroleum refining and oil and gas exploration and production - to be fully integrated along the materials and energy value chain.

The Group's activities span exploration and production of oil and gas, petroleum refining and marketing, petrochemicals (polyester, fibre intermediates, plastics and chemicals), textiles and retail. Reliance enjoys global leadership in its businesses, being the largest polyester yarn and fibre producer in the world and among the top five to ten producers in the world in major petrochemical products. The Group exports products in excess of US\$ 15 billion to more than 100 countries in the world. There are more than 25,000 employees on the rolls of Group Companies. Major Group Companies are Reliance Industries Limited (including main subsidiaries Reliance Petroleum Limited and Reliance Retail Limited) and Reliance Industrial Infrastructure Limited.



## Rohan Automotive Equipments Pvt. Ltd.

Contact Person	:	Tushar Kothari C.E.O.
Company Website	:	<a href="http://www.rohanauto.com">www.rohanauto.com</a>
Address	:	5, Ashwamegh, Industrial Estate Village Changodar, Tal.Sanand Distt. Ahmedabad - 382 213
Phone	:	+91 - 79 - 2676 6889 / 9525 / 02717-326950
Fax	:	+91 - 79 - 2674 1211
Email	:	<a href="mailto:rohanauto@rohanauto.com">rohanauto@rohanauto.com</a>

### Company Activity

Rohan Automotive Equipments Pvt. Ltd. has been in operation for the past eight years in the field of Auto Gas Conversion. The Company is holding pioneer status in India in the field of Auto Gas Conversion technology.

The Company is engaged in business of distribution/installation of Auto Gas Conversion kits and accessories enjoys Sole Distributorship of MTM Srl., Italy (BRC Gas Equipment) for their range of CNG/LPG Conversion kits for India Bhutan & Nepal.

The Company market the products through Dealer Network & R.T.O. approved Retrofitment centers spread in all major cities and towns all over the country; for supervision and guidance, Company has already established its branches at cities like Calcutta, New Delhi, Bhilwara, Indore, Mumbai, Pune, Hyderabad, Bangalore, Chennai and Cochin.

The Company has received type approval certificates for maximum number of models of vehicles retrofitted with LPG and CNG Auto Gas Conversion kits.



## Sagas Autotec (P) Limited

Contact Person	:	Sanjay Shyamanur P. Executive Director
Company Website	:	<a href="http://www.sagas.co.in">www.sagas.co.in</a>
Address	:	Sagas Response, #230, Sharada Complex, 1st main, Gokulam, 2nd Stage, Mysore - 570 002
Phone	:	+91 - 821 - 4287 313 / 315
Fax	:	+ 91 - 821 - 4287 220
Email	:	<a href="mailto:sagasresponse@yahoo.co.in">sagasresponse@yahoo.co.in</a>

### Company Activity

Sagas is a ISO 9001:2000 certified company, is the leading developer, manufacturer and supplier of LPG and CNG conversion kits in many parts of the world, having a good track record in successful delivery of gas conversion products and services.

Sagas Mission: Products and services shall promise a cleaner planet Earth with a healthier human being who enjoys quality products that ensures a better standard of living.

Sagas In-house R & D develops LPG / CNG Conversion kits for small engines used for various purposes across the world. And for the first time in the world successful 3 Wheelers kit for LPG and CNG with power and performance equivalent or slightly better than Gasoline / Petrol has been developed and applied for patent. The recognition of In-house R & D unit by the Government of India as a part of DSIR, justifies the excellence of this unit.

Sagas kits enjoy a major market share at a premium price not only in India and also regularly exported to many countries in the world. Sagas is a customer driven product.



## Shell Gas (LPG) India Private Limited

Contact Person	:	Rajiv Chohan Managing Director
Company Website	:	<a href="http://www.shellpgindia.com">www.shellpgindia.com</a>
Address	:	415-416, Shree Nand Dham Plot 59, Sector 11, C.B.D Belapur, Navi Mumbai - 400 614
Phone	:	+91 - 22 - 3259 5909 / 2756 6640
Fax	:	+91 - 22 - 2756 6659
Email	:	<a href="mailto:rajiv.chohan@shellpgindia.com">rajiv.chohan@shellpgindia.com</a>

### Company Activity

Shell is the one of the world's largest marketer and distributor of LPG, marketing more than 8 million metric tones of LPG a year. Shell companies in 46 countries around the world are involved in the marketing and distribution of LPG, serving millions of customers in all market segments (Domestic, Auto and Industrial/Commercial).

The use of LPG in India was pioneered by Burmah Shell under the brand name 'Burshane'. As a result of nationalization, Shell's network and asset base was transferred to Government oil companies. Consequent to the government permitting parallel marketers to operate, Shell reiterated its stance in the business of LPG in India with the brand "Shell Gas" in 1993. The business, currently being carried out through Shell Gas (LPG) India Pvt Ltd, a 100% subsidiary of Butagaz B.V. (a Shell Group company) ensures the highest standard of customer service, technical know-how and best practices. Shell Gas (LPG) India has been awarded a "Grade 1" rating by CRISIL.





## Shrimankar Fuel Technologies Pvt. Ltd

AN ISO 9001 : 2000 CERTIFIED COMPANY

Contact Person	:	Rajesh Dhruve - Director Yatin Desai - Vice President
Company Website	:	<a href="http://www.shrimankargas.com">www.shrimankargas.com</a>
Address	:	Old Jakaria Bunder Road, Opp. Navbharat Potteries, Near Sewri Rly. Station, Sewri, Mumbai – 400 015.
Phone	:	+91 - 22 - 2410 5385 / 87
Fax	:	+91 - 22 - 2410 5390
Email	:	<a href="mailto:shrimankargas@vsnl.net">shrimankargas@vsnl.net</a>

### Company Activity

We wish to introduce ourselves as one of the largest Government approved importers, suppliers and retrofitters of Petrol / Diesel driven vehicles running on Alternate Fuels in India. We have the privilege of representing as Sole Distributors of "BEDINI", Italian brand CNG / LPG kits not only for India but also for South East Asian countries.

BEDINI kit components have been approved as per the International Standard ISO 15500 by the testing agencies and RTO authorities under the brand name of "SHRIMANKAR" CNG / LPG KITS in India.

"SHRIMANKAR" CNG/LPG kits are approved for every segment in automotive Sector and have Tie-ups with most reputed International vehicle manufactures - Tata Motors, General Motors and Ford India.



## SHV Energy Private Limited

Contact Person	:	V. N. Diwakar Vice President (Business Development & Special Projects)
Company Website	:	<a href="http://www.supergas.com">www.supergas.com</a>
Address	:	Super Gas House, 4 <sup>th</sup> Floor, SDE Serene Chambers, 8-2-334, Road No 7, Banjara Hills, Hyderabad - 34
Phone	:	+91 - 40 - 2354 0079
Fax	:	+91 - 40 - 2354 0082 / 83
Email	:	<a href="mailto:diwakar@supergas.com">diwakar@supergas.com</a>

### Company Activity

SHV Energy is known by its brand name Super Gas in India. We are a 100% subsidiary of the family owned Dutch Business group SHV Holdings NV. The Group established more than 110 years ago now operates in 28 countries, employing about 28000 employees, with a turnover exceeding USD 19 Billion.

The flagship company of the group – SHV Gas is a world leader in trade and distribution of LPG with over seven decades of LPG experience. SHV have been setting the industry standards, helping to formulate legislations, developing new products, new uses for LPG and promoting safety over the years.

SHV's success is based on our customers, our partners and our people.

We are known throughout the world for our professionalism, business ethics, strong values and commitment to customer service.

**OUR VISION – To Lead in Providing Efficient Energy Solutions through LPG in a Sustainable Manner**



## S K N Associates Pvt. Ltd.

Contact Person	:	Rakesh Gupta Chief Executive Officer
Company Website	:	<a href="http://www.skngreenfuels.com">www.skngreenfuels.com</a>
Address	:	12/3, Milestone, Delhi Mathura Road, Faridabad, Haryana - 121 003
Phone	:	+91 - 129 - 2275 305 / 2255 477
Fax	:	+91 - 22 - 2276 478 / 2271 006
Email	:	<a href="mailto:sknbentex@vsnl.com">sknbentex@vsnl.com</a> , <a href="mailto:rakesh@sknbentex.com">rakesh@sknbentex.com</a>

### Company Activity

SKN group as one of the leading manufacturer of LPG and CNG conversion kits, all types of gas regulators, Auto LPG cylinders, complete range of electrical items and Auto LPG dispensing station with 20KL storage tanks.

SKN Group has been promoted by Chopra Brothers and started its operations 50 years back from Delhi with manufacturing of LPG cylinders for domestic application and electrical equipments. Since then SKN-Bentex has diversified in to CNG distribution, Electrical division, LPG and CNG Conversion kits, Building and construction division, Import substitution Parts for Indian Railways and defence, Auto LPG cylinders with Multifunction Valve, LPG regulators and Valves.

Having Six manufacturing units located in Delhi and Gurgaon respectively with more than eight hundred employees. We have already achieved ISO-9001 in all of our units and have plans to achieve TS-16949 in the near future.

SKN group manufacture Auto LPG and CNG kits for Four Wheeler, Three Wheeler and Two wheeler also in our product range we are manufacturing Auto LPG cylinders of 5Ltrs, 10Ltrs, 15Ltrs, 25Ltrs, 36Ltrs, 45Ltrs , 55Ltrs, 60Ltrs, & 70Ltrs (Water Capacity) fitted along with multifunction Valve assembly .These Auto LPG cylinders and Multifunction valve are approved by BIS and Chief Controller of Explosive, our LPG & CNG Kits are approved to International standard i.e. ECE 67 R 01 and are governed and tested by Automotive research association of India.



## Vanaz Engineers Ltd.

Contact Person	:	S J Vispute G. M. (R&D).
Company Website	:	<a href="http://www.vanaz.com">www.vanaz.com</a>
Address	:	85/1, Paud Road, Pune - 411 038
Phone	:	+91 - 20 - 2540 5000
Fax	:	+91 - 20 - 2540 5151
Email	:	<a href="mailto:vanaz@vsnl.com">vanaz@vsnl.com</a>

### Company Activity

Vanaz Engineers Limited (VEL) is a 59 years old Company. Vanaz is working in the field of LPG and other industrial gases since last 48 years and is well aware about the flammability and explosiveness of the gases. Vanaz is proud to be first indigenous manufacturer of CNG Kit for Auto Rickshaw in India duly approved by VRDE and ARAI in the year 2000 and since then supplying to well known OE 3 Wheeler manufacturers in India.

More than 2.5 lakhs vehicles with Vanaz LPG/CNG kit are plying in India, Bangladesh & Philippines.

VEL is an approved "Operator" and "Installer" for Auto LPG Dispensing Station. VEL has established 32 Auto LPG Stations under its own brand and style across the India and the network is spreading. VEL has also installed several ALDS for PSUs and other Oil Companies. VEL is distributor for Yenen LPG Dispensers and Red Jacket Submersible Pumps.



## Vialle Alternative Fuel Systems Pvt. Ltd.

Contact Person	:	Pradip Kumar Rungta Director
Address	:	12/7 Mathura Road, Faridabad - 121 003 Haryana
Phone	:	+91 - 129 - 4083 910
Fax	:	+91 - 129 - 2271 163
Email	:	<a href="mailto:vialle@vialle.co.in">vialle@vialle.co.in</a>

### Company Activity

Vialle - India was established in November 1999 in technical collaboration with world leader in alternate fuel technology - Vialle Alternative Fuel Systems B.V. - the Netherlands bringing to the Indian Automotive sector, a world class proven & environment friendly LPG conversion technology complying with the current and future emission norms which are prevalent in most European countries with an added advantage of substantial fuel economy to the end-user.

The Company since its inception has oriented itself towards the OE market (Automobile Manufacturers) and has been active in this segment with conversions. This enables petrol vehicles to run on both petrol and LPG.

Activities undertaken include:

- Development of Vehicle      Product Packaging
- Homologation                    Technology Transitions (Euro II Euro III Euro IV)
- Fitment                              After Sales Service etc.

The OE footprints have been established since 2002 with Maruti Udyog Limited and current vehicular populations of over 60000 LPG – bi fuel vehicles are plying on Indian roads. These vehicles are fitted within Maruti Suzuki India Limited facility at Gurgaon by a workforce of over 100 technicians, managers, drivers and inspectors employed by Vialle. Vialle LPG conversion systems are also endorsed for retro-fitment by Oil Companies / Government Approval Agencies in India (ARAI). The company is now gearing up with the infrastructure for 'aftermarket' fitment in line with OE specifications.

## Office Bearers & Executive Committee

### President

John Joseph  
Sr. Vice President  
Reliance Industries Ltd.  
Joseph.John@ril.com



### Vice President

R.N. Ghosh  
Dy. General Manager  
Indian Oil Corporation Ltd



### General Secretary

Suyash Gupta  
Managing Director  
CleanFUEL India Autogas Pvt. Ltd.  
suyash@vsnl.com



### Hony. Vice President

Sunil Mathur  
World LPG Association  
sunilm@worldlpggas.com



### Treasurer

Shishir Agrawal  
Managing Director  
CLH Gaseous Fuel Applications Pvt. Ltd.  
s.agrawal@shigan.net  
(Chairman-Projects Committee)



### Chairman Training Committee

Shrikant Marathe  
Director  
Automobile Research Association of India.  
director@araiindia.com



### Member - Executive Board

Amit Shah  
Managing Director  
Ace LPG Kits (P) Ltd  
amitshah007@vsnl.net



### Chairman- OE Committee

K K Gandhi  
Director- Technical  
Society of Indian Automobile  
Manufacturers  
kkgandhi@siamindia.com



### Member - Executive Board

S K Hazra  
Managing Director  
Aegis Logistics Ltd.  
skhazra@aegisindia.com



### Founder Patron

Balraj Bhanot  
(Former Chairman, CMVR Technical  
Committee & Former Director, ARAI)  
bbhanot@gmail.com



### Member - Executive Committee

Rajiv Chohan  
Managing Director  
Shell Gas (LPG) India Private Limited  
rajiv.chohan@shelllpgindia.com



### Member - Executive Committee

Pradeep Rungta  
Director  
Vialle Alternative Fuel Systems (P) Ltd  
vialle@vialle.co.in



### Member - Executive Committee

A K Goel  
Bharat Petroleum Corporation Ltd  
goelak1972@bharatpetroleum.in



### Member - Executive Committee

V N Diwakar  
Vice President -Business Development  
and Special Projects  
SHV Energy Private Limited  
diwakar@supergas.com



### Member - Executive Board

**K. Balakrishnan**, Regional Director  
United States-Asia Environment  
Partnership,  
US Embassy, Chanakyapuri, New Delhi  
kbalakrishnan@usaid.gov



## More than 150 Cities & Towns Covered with an ALDS Network of over 400 stations

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Alwaye	Chiplun	Indore	Kottarakara	Navsari	Surenranagar
Amreli	Cochin	Jaipur	Kottayam	Nizamabad	Thane
Anand	Coimbatore	Jabalpur	Kottivakkam	Palakkad	Thiruvalla
Anantpur	Dahod	Jalgaon	Lucknow	Palanpur	Thriprayar
Angamaly	Deesa	Jamnagar	Ludhiana	Pallikarantai	Thrissur
Ankleshwar	Delhi	Junagarh	Madurai	Pathanamthitta	Tirupati
Aurangabad	Dharmaj	Kalyan	Mangalore	Perumbavoor	Tirupur
Bangalore	Dhule	Kanjirappally	Mehsana	Piravom	Trivandrum
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Bilaspur	Ernakulam	Khedshivapur	Morbi	Puttur	Vadodara
Billimora	Erode	Kishangarh	Mallapuram	Raipur	Vasai
Bhayander	Gandhidham	Khopoli	Mumbai	Raigarh	Vijapur
Bhopal	Gandhinagar	Kozhikode	Mysore	Rajkot	Vijayagram
Chandigarh	Goa	Kodimatha	Nadiad	Ratnagiri	Vishakhapatnam
Chandrapur	Guntur	Kolhapur	Nagpur	Sabarkhantha	Warangal
Changanassery	Gulbarga	Kolkata	Nalgonda	Satara	Yavatmal
Changamkulam	Guwahati	Korba	Namakkal	Secundrabad	

For latest listings, please visit IAC website at [www.iac.org.in](http://www.iac.org.in)

### Why LPG-as an alternative fuel?

- LPG impacts greenhouse emissions less than any other fossil fuel.
- LPG is a clean burning, high octane and an environment friendly fuel.
- In one of the studies, findings state that LPG vehicles emit significantly less pollution than their diesel and petrol fuel counterparts. Compared to Petrol, LPG produces;
  - Up to 15% less greenhouse gas
  - Up to 50% less particulates
  - Up to 60% less CO
  - Up to 33% less NO

Virtually Zero Evaporative emissions of hydrocarbons  
Up to 80% less air toxics like benzene and 1,3 butadiene

A brief comparison of vehicular emissions of Auto LPG vis-à-vis Petrol and Diesel is:

Auto LPG Emissions\*

Compared to Petrol	Compared to Diesel
75% less Carbon Monoxide	90% less Particulates
85% less Hydrocarbons	90% less Oxides of Nitrogen
40% less Oxides of Nitrogen	70% less Ozone forming potential
87% less Ozone forming potential	60% less Carbon Monoxide
10% less Carbon Dioxide	

\* Based on tests undertaken at the independent Millbrook Vehicle Emissions Laboratories (UK) in 1998 and 1999.

Member



WORLD LP GAS ASSOCIATION

### Advantages of ALPG

- Can be used in trucks, buses, LCV's, MUV's, passenger cars, three wheelers and two wheelers.
- Can be easily transported and stored in stand-alone facilities.
- LPG is pressurized as 5-7 bars as against a minimum of 200 bars for CNG, which makes it safe and conventional fuel.
- The automotive use for LPG has an excellent safety record and various crash tests and fire tests proved that owing to the strength and integrity of the fuel tank, it is safer than petrol and at par with diesel.
- Extremely Low Infrastructural costs in comparison to other available alternative fuels.
- Low costs of conversion in comparison to other available alternative fuels.
- LPG fuel systems are sealed and evaporative losses are negligible.
- No possibility of theft/pilferage.
- Better Engine Life as a result of lesser acids and carbon deposits.



Indian Auto LPG Coalition  
T-33, Okhla, Phase - II, New Delhi - 110 020  
Ph. : +91-11-4060 0000  
Fax : +91-11-4143 5373  
<http://www.iac.org.in>

**Indian**  
Auto LPG  
COALITION

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Our representative would contact to assist you in joining IAC!!