



AIIACRA News

An All India Air Conditioning & Refrigeration Association Newsletter

February-August, 2012



PHD House, Suit #208, (2nd Floor), Opposite Asian Games Village, New Delhi-110016
 Ph. : +91-11-42657225, 2656 3025 Fax : +91-11-42657225
 E-mail : aiacraindia@gmail.com, Website : www.aiacra.com

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DRI officials seize 55.7 tonnes of cylinders

Special Correspondent
 CHENNAI: Officials of the Directorate of Revenue Intelligence (DRI), Chennai, seized 55.7 tonnes of cylinders, which were said to contain ozone depleting gases, from a container freight station in Perambur on Monday.

In the documents filed by the importer it was declared as 'Refrigerant gas - HCFC R401 A'.
 When the officials tested with electronic Refrigerant gas testing kit, it revealed that the cylinders were filled with R22 gas and not R401A gas as declared in the documents.

The Hindu : Wednesday, Dec 15, 2010



Cheap Refrigerant may not be really Cheap !

Beware... the Refrigerant R22 or R134a you may have purchased could contain lethal spurious mixtures

Consequences may include

Explosions



Cylinder Bursts



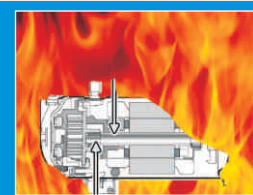
Blast of Refrigerator



Car Catching Fire



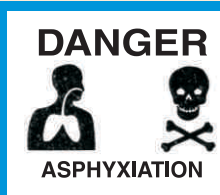
Locked Rotor Resulting in Burnt Compressor



Imprisonment (Violation of Gas cylinder Rules)



Death/Injury due to Asphyxiation (In case of Leakage)



System Failures

- ❖ Coil Choking
- ❖ Low Cooling
- ❖ Micro leakage in coil
- ❖ Corrosion in systems
- ❖ Sludge formation in compressor



Recent Mishaps in News

'Don's daughter, son-in-law charred to death...': IANS, Chennai, Oct 6, 2010 ❖
 '1 dead after AC explodes in MIDC...': HT, Mumbai, Oct 3, 2010 ❖ 'Blast in refrigerator injures four of family...': TNN, Mar 14, 2010 ❖ 'Four injured in refrigerator blast...': IANS, Mar 13, 2010 ❖ 'Woman killed in AC blast...': HT Media, New Delhi, Apr 25, 2009

Be Sure Be Safe:

- ❖ Purchase only from authorized distributors of refrigerant manufacturers.
- ❖ Insist on invoice with manufacturer's name, cylinder no and date of filling.
- ❖ Purchase 'FLORON', available in factory sealed Cylinders of 5, 10 and 61 Kg. packaging.
- ❖ Check Seal for Hologram.
- ❖ If in doubt about genuineness of 'FLORON' brand, contact : Chief Manager Marketing - Refrigerants, SRF Limited +91-124-4354438 or E-mail: refig@srf.com



FS 4435



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ACREX India 2013 (Supported by AIACRA)

The commercial capital of India, Mumbai, is once again hosting 14th edition of ACREX INDIA-2013, with the theme of "Dedicated to an eco-friendly environment". ACREX India-2013 will be held from 7th to 9th March, 2013 at Mumbai organized by Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE) with the professional expertise of UBM India.

As we all know ACREX expo is a perfect platform for Air conditioning, Refrigeration and allied Building Services likes Electrical, Lighting, Plumbing and Water Treatment, Fire and Safety, Automation and Fenestration. Every year ACREX India expo incorporates new and innovative concepts for the HVAC & R industry.

AIACRA being supporting partner of ACREX India-2013, invites its members to take advantage of this opportunity by participating as exhibitors / visitors in this mega show to learn, share and hone their expertise on the latest trends and topics related to HVAC & R, MEP and allied building services. Please contact AIACRA secretariat to block your space / stall at ACREX-2013.

AIACRA DELEGATION TO CHILLVENTA-2012 GERMANY, BIG-5 DUBAI & CHINA REFRIGERATION-2013 SHANGHAI, CHINA

CHILLVENTA-2012, NUREMBERG, GERMANY

Chillventa-2012, the leading international trade show for refrigeration, air conditioning, ventilation and heat pumps will be held on **9th to 11th October, 2012 at Nuremberg Exhibition Centre, Nuremberg, Germany.**

Chillventa features products of Air conditioning and refrigeration plants, ventilation systems, heat pumps, components for the ACR & V industry, fluids, measuring and control technology, heat recovery, insulation, etc.

BIG-5 : INTERNATIONAL BUILDING & CONSTRUCTION SHOW-2012

The largest trade show for the building & construction industry in the Arabian Gulf will be held on **5th to 8th November, 2012 at Dubai Trade Centre, Dubai, UAE.** A unique event combining five major exhibitions under one roof featuring around 2000 companies from 50 countries.

The Big-5 has provided a business and networking platform for the construction industry. The Big-5 has brought buyers from across the Middle East for the most comprehensive range of building and construction products including water technology & environment, **Air conditioning**

& Refrigeration, Cleaning & Maintenance, Marble & Machinery, etc.

CHINA REFRIGERATION-2013, SHANGHAI

With the target of "Stay on the cutting edge of HVAC & R industry, build the platform of successful cooperation", **CHINA REFRIGERATION 2013 (CRH 2013)** will take place at **Shanghai, New International Expo Centre (SNIEC) on April 8-10, 2013.**

China Refrigeration is an international exhibition for Refrigeration, Air-conditioning, Heating and Ventilation, Frozen Food Processing, Packaging and Storage and has been reputed as one of the leading exhibitions in HVAC&R industry for its over 20 years persistent improvement and innovation. As a well-established exhibition in the industry, China Refrigeration makes every effort to expand the group of trade buyers, end-users and influence worldwide.

We are pleased to inform all our members that AIACRA will be taking its delegations to all the above events. It is requested that interested members willing to participate, to contact AIACRA Secretariat for information.

Synthetic Oils for R134a Refrigeration Compressors

from

the manufacturers of

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PRESIDENT WRITES

Dear Members & Friends,

As you may be aware, AIACRA now has a new improved and updated website, www.aiacra.com, to bring you the latest information and data on our association. The new website also has a product search module to facilitate product promotion for our esteemed members. Members are requested to take this opportunity to advertise on the new web site of AIACRA.

In the month of March-2012, I had the opportunity to visit MCE Expo at Milan, Italy along with Mr. Harpreet Singh and Mr. Kunwarjeet Singh, both EC members of our association. The overwhelming success of this exhibition on refrigeration, air conditioning and allied products, has made this event one of the new destinations for AIACRA delegations. Members will be informed on the delegation to MCE - 2014 in due course of time.

The next big event was China Refrigeration Expo -2012 in April at Beijing. We are proud to say that this was AIACRA's 9th consecutive delegation to the mega China exposition. This year Dr. R. K. Malhotra, our past president, along with Mr. Paras Sirohia, President, RATA, Mumbai, lead the AIACRA and RATA delegation of 65 members to this world famous show. The tour was very successful and satisfying for all delegates.

In May 2012, AIACRA held its 109th General Body Meeting at PHD House, New Delhi. This time we had an unprecedented over 150 members and guests who attended the meeting which, besides being a grand success, was a very warm and enjoyable networking evening for all.

This year AIACRA has supported several important events for the benefit of its members, the first being ACRECONF-2012, a very informative international conference on HVAC&R in January at New Delhi. The next big event was ACREX 2012 in February at Bangalore in which several AIACRA Members participated and many visited. As you know, AIACRA is a supporting partner to ACREX-2013 to be held in March 2013 at Mumbai. We invite members to participate in this foremost exhibition on HVAC&R in our country. Any

assistance in this regard is available at the AIACRA office.

This year again, AIACRA is supporting the ICE Expo to be held in December 2012 at New Delhi. I would like to encourage all members to take this opportunity to participate in this premier exposition and conference on the cold chain industry.

AIACRA is planning to send its next delegations to Chillventa-2012 Germany and BIG-5 at Dubai during the month of October and November, 2012 respectively. Both being leading international trade shows for HVAC & R products, will offer excellent opportunities for latest information and business development. I urge members to take advantage by joining these delegations. Our secretary Ms. Anita is available for any assistance or information.

We are proud to announce that during the last six months 18 new members have joined our association. A very warm welcome to all of them. We look forward to their active participation in AIACRA activities.

Last but not least, I thank all the zonal associations, their presidents and office bearers, for extending their full support and cooperation to me and the entire AIACRA team. I also extend my appreciation to Mr. Vinay Bafna and Mr. Ashok Mittal, who are working towards extending our membership base all over the country.

I look forward to valued suggestions and comments of our esteemed members to improve our efforts and attain goals as an association. With the world forging ahead with new technology and development, we endeavor to bring increasing benefits and support to our esteemed members.



Thank you
With best wishes
Jagmit Singh
President

AIACRA NEW MEMBERS 2012-13

AIACRA ASSOCIATE MEMBER

Om Engineering Works, Mumbai
Mr. Lalit Gupta 0-9820166902

AIACRA SPECIAL ASSOCIATE MEMBERS

Akshay Brass Components, Chennai
Mr. Dharmesh Patel 0-9952915816

Bothra Electric Refrigeration Co., Ahmedabad
Mr. Harsh Bothra 09327482763 / 9099020763

Canon Refrigeration, Baroda
Mr. Sanjay Banthia 0-9904140999

Capri Enterprises, New Delhi
Mr. Sandeep Baid 8882247096

Damodar Refrigeration & Airconditioning, New Delhi
Mr. N K Grover 9654762894

Durga Agencies, New Delhi
Mr. Tarun Rastogi 9811025166 / 9311025166

Essel International, Pune
Mr. LakshmiPat Bachhawar 09096067580

G S Electriclas, Faridabad
Mr. Gajender Suri 09654837894 / 09654837895

M K Trading Co., New Delhi
Mr. Sandeep Maheshwari 9350238295 / 9811044699

Machinery & Equipments Co., New Delhi
Mr. Madan Mohan Singh 9873710666 / 9811051777

Reliance Refrigeration, Baroda
Mr. Ashok Nahar 09898415708 / 09998210437

Refchem Refrigerants Pvt. Ltd., Delhi
Mr. Sanjay Gupta 9911036456

Radhika Traders, Ahmedabad
Mr. Kausik 9825096730

Super Refrigeration, Udaipur
Mr. Vipul Bhandari 09829795324 / 09929096324

Supportline Inc., Bangalore
Mr. Manoj Jogia 0-9886067700

Sri Balajee Enterprises, Vijaywada
Mr. Manish Kumar Doshi 0-9440280906

Vijay Trading Co., New Delhi
Mr. Vijay Sharma 9899218065

RATA, MUMBAI TALK SHOW & 63RD ANNUAL GENERAL MEETING



RATA Talk Show on 13th March, 2012



RATA 63rd Annual General Meeting on 28th July, 2012

Both events held at Mumbai were very successful. Grass entrepreneurs of the industry & trade were present for close interaction among RATA Members.

National Centre for Cold Chain Development Conclave at IHC New Delhi



PRESIDENT AIACRA Mr. Jagmit Singh was invited by the National Centre for Cold Chain Development (NCCD), NHB, Min. of Agriculture, for a conclave to seek suggestions on road map for NCCD. The event was attended by important officials and dignitaries along with industry leaders on 17th July, 2012 at IHC, New Delhi. NCCD extends its invitation to seek suggestions from interested AIACRA members to promote this organization for the benefit of industry at large. NCCD, an autonomous body, is working in collaboration with the cold chain industry and stakeholders to serve as a Centre of excellence for development of cold chain in India by way of promotion/diffusion of technical knowledge relating to development of an integrated cold chain. Membership information is available on NHB website <http://nhb.gov.in>

KOLDIN Cold Rooms & Process Chillers GUNTNER Evaporators & Condensers	Bitzer Compressors Vibration Eliminators Vacuum pump Receiver Soft & Hard Drawn Copper Pipes Accumulator Thermal Plastic Hose	EMERSON Compressors & Condensing Units ROTHENBERGER Instruments & Tools FUCHS Refrigeration Lubricants Synthetic Lubricants for HFC Refrigerants/ Ammonia	Danfoss Compressors, Condensing Units & Controls RIGGA Industrial Gases, Anhydrous Ammonia & Sulphur Dioxide	One Stop Source of Refrigeration & Airconditioning HINDUSTAN REFRIGERATION SINCE 1947 Head Office: 2, 4 & 5, Netaji Subhash Marg, Darya Ganj, New Delhi - 110002 Telephone: 011-23271898, 23277725, 23288884, 23277735, 49677777 Fax: 011-23271152 Email: higroup@gmail.com, hindustan_group@airtelmail.com Website: www.higroupworld.com DELHI NOIDA GURGAON MUMBAI KOLKATA CHENNAI
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AIACRA 109TH GENERAL BODY MEETING CUM MEMBERSHIP PROMOTION NITE AT NEW DELHI

The 109th General Body Meeting of AIACRA was held on May 25th, 2012 at 5.30pm at Shriram Hall, PHD House, New Delhi. Mr. Jagmit Singh, President AIACRA, chaired the meeting and welcomed all EC Members, guests, sponsors and members for attending the 109th General Body Meeting cum Membership Promotion Nite. Mr. S. Srinivasan, convener of the event started the GBM with lighting of lamps by eminent members and guests of AIACRA. Mr. Jagmit Singh delivered the presidential address followed by the Agenda for the General Body Meeting.

Dr. R K Malhotra, Past President & Senior Executive Committee Member of AIACRA, addressed the guests and members and gave a brief introduction of AIACRA for the benefit of the new members who came from different parts of the country to attend the GBM. Mr. Rajendra Mittal, Immediate Past President of AIACRA also addressed the members and in his speech emphasized active participation by zonal associations to further reach to more people in the AC & R industry and trade. Mr. Jagmit Singh on behalf of AIACRA EC, appreciated the work done by Mr. Ashok Mittal and Mr. Vinay Bafna and for their active participation and valuable contribution towards the association.

As AIACRA is a supporting partner of ACREX India-2013 Expo, Mr. Akbar Bharmal, (Chairman, ACREX-2013), Mr. Vikram Murthy (Head of Promotion, ACREX-2013) and Mr. Abhijit Mukherjee (Project Director, UBM India) were invited to give an audio-visual presentation on ACREX India-2013, Mumbai.

On the occasion of AIACRA GBM, there were two technical presentations from the Bureau of Energy Efficiency (BEE), presented by Mr. S P Garnaik, Energy Economist, BEE; and from Danfoss Industries Pvt. Ltd. presented by Mr. Madhur Sehgal, National Sales Manager-Automatic Controls.

Mr. Atul Khanna, Director, GCCA-ICE Expo, gave a presentation on ICE EXPO-2012 at the event. Since AIACRA is also supporting partner of ICE Expo, it was a great opportunity for the Members to learn more on the cold chain industry. Members were requested for support and participation in the upcoming ICE EXPO-2012 to be held on 3rd to 5th December, 2012 at Hotel Ashoka, New Delhi.

Mr. Brijesh Sharma, EC Member of AIACRA concluded the meeting with the Vote of Thanks. The sponsors of AIACRA 109th General Body Meeting were **Advantec Coils Pvt. Ltd., Danfoss Industries Pvt. Ltd., International Coil Ltd., Mangali Petrochem Limited, Refchem Refrigerants Pvt. Ltd. and Sant Industrial Controls Pvt. Ltd.** The General Body Meeting was attended by a large number of Members and prominent guests (150 members & guests approx.) from the Air-conditioning and Refrigeration Trade and Industry. After the meeting all guests and members were invited for a networking cocktail and dinner.



India Cold Chain Expo - 2012

(Supported by AIACRA)

A 360 degree overview of the latest development in the Indian Cold Chain Industry & Understanding its Financial Framework

Global Cold Chain Alliance – India has been organizing exhibitions, seminars, conferences, workshops & training programs to provide a forum for knowledge sharing, business development and networking. After the successful ICE – 2009, 2010 & 2011, Global Cold Chain Alliance - India is organizing ICE - 2012 on 3rd – 5th December 2012 at the Convention Hall, Hotel Ashoka, New Delhi.

ICE 2012: Focus

- Cold Chain Applications: Advanced technology for value addition
- Advent on New Paradigm: New

- technical dimensions and schemes
- Recommend policy initiatives and promotional schemes for Cold Chain Sector in India
- Review the challenges and the need in the Indian Cold Chain to discuss the possible solutions
- Bring all the key stakeholders together to be the part of the Cold Chain Development in the country
- Create a base for business collaborations and networking to provide opportunities for Indian as well as International players.
- Controls & Energy Efficiency

AIACRA Past President Mr. Rajendra Mittal visit to CAR, China

During his recent visit to China, Mr. Rajendra Mittal discussed various ways to have strong cooperation with China Association of Refrigeration (CAR). CAR hosted a dinner in honour of Mr. Mittal for building stronger ties between CAR & AIACRA.



9TH AIACRA DELEGATION TO CHINA REFRIGERATION-2012, BEIJING, CHINA

AIACRA continuous to take delegations every year to China Refrigeration Expo for the past nine years.

This year also Dr. R K Malhotra, Past President and Senior EC Member lead the AIACRA delegation of 65 members (including RATA Mumbai) for China Refrigeration-2012, Beijing, China. The RATA, Mumbai

delegation was lead by Mr. Paras Sirohia, President, RATA Mumbai. As in all past years, AIACRA delegates received a warm welcome, VIP entry passes and a full Expo kit from the Chinese Association of Refrigeration (CAR). CAR also arranged a AIACRA stall at the exhibition to promote AIACRA and it's members who were part of AIACRA delegation. AIACRA Members Directory, CDs and Newsletters were circulated among all the visitors and exhibitors during the exposition.

AIACRA representatives were warmly welcomed at both the pre-Expo reception honoring foreign delegations, and also the Gala Banquet during the Expo. Delegates benefited greatly making new business contacts and renewing old relationships. They also learnt about new technologies and designs being introduced by leading Companies and research Institutions worldwide.



Members also took the opportunity to do some sightseeing, shopping and better understanding the Chinese culture in and around Beijing. All-in-all a very satisfying and rewarding visit for all delegates.



AIACRA AT MCE-2012

(MOSTRA CONVEGNO EXPOCOMFORT 2012), Milan, Italy.

THIS year, MCE – Mostra Convegno Expocomfort 2012 from 27th through 30th March, 2012 was the leading international event for heating, air-conditioning, refrigeration, plumbing technologies, water treatment and HVAC components with the special focus on Energy Efficiency. The four day exhibition recorded over 155,301 trade and professional visitors from all over the world. Mr. Jagmit Singh, President, Mr. Harpreet Singh and Mr. Kunwarjeet Singh, EC Members of AIACRA visited the show as AIACRA representatives. They shared their experience in the AIACRA EC Meetings.

At MCE-2012, there were number of trade visitors not only from many strategic

markets, such as Poland, Russia, Romania, Turkey, Brazil, Morocco and Egypt, but also from traditional countries including Germany, France & UK. The success of MCE-2012 was featuring thousands of high quality products ranging from air-conditioning to refrigeration, heating, tools, sanitary technology, taps, fittings, bathroom environment, solar thermal and cogeneration, biomasses and photovoltaics.

AIACRA would be organizing a delegation to the next MCE-2014 to be held on 18-21 March, 2014 at Fiera Milano Exhibition Centre, Milan, Italy. Members may contact AIACRA office for information.



INDIA COLD CHAIN EXPO 2012

Exhibition, Conference, Networking Dinner & Awards

3rd - 5th December, 2012
Convention Hall, The Ashok, New Delhi
www.indiacoldchainexpo.com

Cold Chain Focus:
Horticulture and Food Processing
 Heading from General to Specialized and Value-added Cold Chain Business.
Investments
 Financial Structuring for Cold Chain.

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For Further Information:

Richard Tracy GCCA, USA rtracy@gcca.org	Purnima Rawat M. +91-9899862848 prawat@gcca.org	Garima Khanna M. 91-9818456968 gkhanna@gcca.org	Rohan Chopra M. +91-9873201377 rchopra@gcca.org
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Regd Office : 1679, Dakhni Rai Street, Daryaganj, New Delhi - 110002, (India) Ph: +91-11-23272741 / 42, Fax: +91-11-23285787, Email: daspas@hotmail.com / info@daspas.com