



AIIACRA News

An All India Air Conditioning & Refrigeration Association Newsletter

February-August, 2011



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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



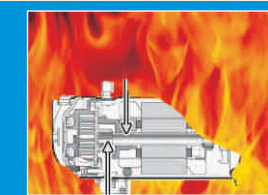
Blast of Refrigerator



Car Catching Fire



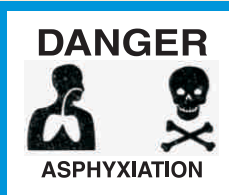
Locked Rotor Resulting in Burnt Compressor



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



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ACREX India 2012

WE are pleased to inform that AIACRA is again a Supporting Partner of ACREX INDIA-2012 as last year. ACREX India-2012, is the 13th show of ACREX, to be held from 23rd to 25th February 2012 at Bangalore organized by Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE) with the professional expertise of Nürnberg Messe (NM) and Bangalore International Exhibition Services (BIES). This exhibition aims to surpass the expectations of the previous shows and set new precedents and standards for all such future Exhibitions.

The theme "For a Greener Tomorrow" of ACREX India 2012 offers a perfect platform for Air Conditioning, Refrigeration and allied Building Services such as Electrical, Lighting, Plumbing and Water Treatment, Fire and Safety, Automation and Fenestration, to showcase technologically innovative, Environmental Friendly & Energy saving and sustainable products & services to meet the ever growing, demanding market of India.

ACREX India 2012 is already receiving an overwhelming response from the industry. We invite all members once again to be a part of yet another success story and confirm your participation / space booking at ACREX India 2012. Please contact AIACRA Office to block your space without any delay because allotment of stalls/space is on FIRST COME, FIRST SERVE basis.

ICE EXPO -2011

THE India Cold Chain Expo – ICE 2011, an exhibition and conference, offers a global opportunity to present product and service information to a large concentration of refrigerated warehouses, logistics, construction and transportation. The expo will be a singular interactive forum offering a

unique opportunity to participants to avail the benefits from the strength of the programs and quality of facilities offered.

ICE Expo has been effectively acting as a medium to dissipate latest technologies, best practices and governing policies in the cold chain sector and has productively brought together the buyers, suppliers and all

Continued on page 5...

CHINA REFRIGERATION, 2012

AIACRA, once again being supporting partner of China Refrigeration, 2012, informs that China Refrigeration-2012 - The 23rd International Exhibition for Refrigeration, Air-conditioning, Heating and Ventilation, Frozen Food Processing, Packaging and Storage will be held on April 11-13, 2012 in New China International Exhibition Center, Beijing.

With the certifications by the International Association of Exhibition Industry (UFI) and Foreign Commercial Service of Department of Commerce U.S (US FCS), "China Refrigeration Expo" is well-known as one of the global leading exhibition in the HVAC & R industry.

by China Council for the Promotion of International Trade, Beijing Sub-council, Chinese Association of Refrigeration, China Refrigeration and Air-conditioning Industry Association, Shanghai Association of Refrigeration and Shanghai Air-conditioning & Refrigeration Institute. The organizers are most professional organizations either in trade promotion or HVAC&R industry. For years, "China Refrigeration Expo" devotes every effort to establishing a quality platform for displaying, trading and networking marketplace for the industry all over the world.

"China Refrigeration Expo"

"China Refrigeration Expo" is hosted

Continued on page 7...

Synthetic Oils for R134a Refrigeration Compressors

from

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PRESIDENT WRITES

Dear Members & Friends,

The last seven months have been very exciting and eventful at AIACRA. To begin with AIACRA launched its latest Member's Directory 2011 in February at ACREX India-2011, New Delhi. ACREX 2011 had many AIACRA members participating at this grand exposition showcasing latest products and technology at Pragati Maidan, New Delhi in February, 2011.

Thereafter, I had the opportunity to join the AIACRA delegation to China Refrigeration 2011, another big success for AIACRA. A strong delegation of 104 participants (including RATA, Mumbai) visited Shanghai from 7-9 April, 2011 to see one of the best international exhibitions on HVAC & R. As earlier AIACRA had a stall at the exhibition from where association information, directories and CDs were distributed to visitors. Delegates enjoyed the VIP treatment and facilities offered to AIACRA Members. On behalf of AIACRA I also had the honor to sign a fresh co-operation agreement with the Chinese Association of Refrigeration (CAR). This agreement was to reinforce the friendly co-operation relationship between CAR & AIACRA as been done in the past. Both associations will continue to extend technical and trade exchange between the two countries in the field of HVAC & R and boost communication, promotion, support and co-operation.

The next big event for AIACRA was the 108th General Body Meeting at Kolkata on 21st May, 2011. The GBM was attended by AIACRA and EIARA members in large numbers. There were several discussions held for the benefits of members, and the market and industry scenario in the R & AC sector in West Bengal was discussed in detail. The new president of EIARA Mr. Navin Lamba was elected on this day and members and guests enjoyed the warm hospitality of the new EIARA EC.

This year again AIACRA is proud to once again be a supporting partner to ISHRAE for ACREX India -2012 to be held at Bangalore from 23-25 February, 2012. AIACRA is also supporting ACRECONF 2012, an international conference on HVAC & R, to be held on 12th & 13th January 2012 at IHC, New Delhi. AIACRA is also once again supporting ICE Expo-2011 to be held at Mumbai from 1st to 2nd December, 2011. I would request all AIACRA members to participate in these leading exhibitions/conferences and for assistance for space booking please contact Ms. Anita at the AIACRA office.

AIACRA is in the process of arranging the next delegations to AHR Expo, Chicago (from 23-25 January, 2012); Mostra Convegno Expocomfort (MCE), Italy (from 27-30 March, 2012); China Refrigeration-2012 (from 11-13 April, 2012), Chillventa, Nuremberg, Germany (from 9-11 October, 2012). Members are requested to contact AIACRA Office for information.

It is a pleasure to announce in this newsletter the names of new members who have joined our association during the past seven months. On behalf of the Executive Committee of AIACRA, I thank the regional associations of AIACRA and our esteemed members for their support and cooperation to strengthen our association. AIACRA is holding its next Annual General Body Meeting at Chennai on 17th September, 2011 and we look forward to your presence at this important event.

I thank all EC members specially Mr. Rajendra Mittal, Dr. R. K. Malhaotra, Mr. Anil Maheshwari, Mr. Harpreet Singh, Mr. Ashok Mittal, Mr. Sanjay Gupta and Mr. Vinay Bafna for being extremely supportive to organize all these events and activities of AIACRA.

Please enjoy the accompanying colorful pictures highlighting some of the events that took place during the last seven months. Look forward to your comments/suggestions to improve our services and activities.

With Best Wishes

Jagmit Singh
President, AIACRA



AIACRA NEW MEMBERS 2011-2012

Climatrol Corporation , New Delhi	
Mr. Ronsher Sidhu	9810040890
Shivalik Aircon , New Delhi	
Mr. Rajvinder Singh	981007327
Bharat Trading Corporation , Malerkotla, Punjab	
Mr. Harbans Singh Ubbu	9417740548
Devatech Engineers Pvt. Ltd. , Mumbai	
Mr. S. P. Gupta	9930838898
Geonair Aircond. & Ref. Mfrs. Pvt. Ltd. , Kochi	
Mr. M. D. Nair	9447714477
Nivia Utilities , Faridabad	
Mr. Vipul Kumar Jain	9810124643
S. K. Gupta Valves Pvt. Ltd. , Secunderabad	
Mr. Satish Kumar Gupta	9391008288
Airmaster Flowtech (P) Limited , Chennai	
Mr. W. Kabeer Ahamed	9840052102
Veeline Media Limited , Kolkata	
Mr. Anil Kumar Gupta	9831006572
Airmaster Tech Sales , Chennai	
Md. Nisar Hussain	9003214911
Air N Gas Control , Delhi	
Mr. Yash Pal Sandhu	9811709724
Sanbros Spares Pvt. Ltd. , Nagpur	
Mr. Laxmikant Kesharwani	9766634100
GRAS Education and Training Services Ltd. , Noida	
Mr. Tahsin Zahid	0120-4230793

NIRATA NEW MEMBERS 2011-2012

Mangali Petrochem Limited	
Mr. Satya Pal Goyal	9650070034
Jal Instruments , Indore	
Mr. Sharad Agarwal	9826062998
Jiniwal Enterprises , Indore	
Mr. R. S. Jiniwal	9425346896
Soni Refrigeration Corporation , Indore	
Mr. Sanjiv Soni	9826087778
Jahnvi Enterprises , Indore	
Mr. Dinesh Pahuja	9826666589

EASTERN INDIA AIRCONDITIONING & REFRIGERATION ASSOCIATION

List of office bearers and Executive Committee Members for the term 2011-13

President	Mr. Navin Lamba	M/s. Crystal Refrigeration Co. Pvt. Ltd.
Vice President	Mr. Mahesh Agarwal	M/s. G.S. Refrigeration Co. Pvt. Ltd.
Hony. Secretary	Mr. Vinod Kundalia	M/s. Kundalia Industrial Corporation.
Hony. Treasurer	Mr. Ashok Jain	M/s. General Machinery Mart.
Ex. Officeo	Mr. M.R. Sekhani	M/s. Prakash Refrigeration Co.
Executive Members Ltd.	Mr. J.P. Roy	M/s. Central Refrigeration Co. Pvt. Ltd.
Executive Members Ltd.	Mr. Umed Singh Bhutoria	M/s. Universal Electric & Refrigeration Co.
Executive Members Ltd.	Mr. Bhanwarlal Baid	M/s. Arihant Refrigeration Co.
Executive Members Ltd.	Mr. Rajendra Linga	M/s. Reliance Refrigeration Co.
Executive Members Ltd.	Mr. Arif Bhati	M/s. Pioneer Refrigeration (Calcutta)
Co-opted E.C. Member	Mr. Rishi Sharma	M/s. Shriram Enterprises.
Co-opted E.C. Member	Mr. Shankar Majumdar	M/s. Air-conditioning Components.

LIST OF AIACRA MEMBER PARTICIPANTS IN ACREX INDIA-2011

S.No.	Name of Company	S.No.	Name of Company
1	A. S. Contorls	22	Marthon Electric (I) Pvt. Ltd.
2	Advantec Coils Pvt. Ltd.	23	Metalex Cryogenics
3	Airflow Pvt. Ltd.	24	Mittal International
4	Avi - Oil India	25	Mittal Refrigeration
5	B. A. International	26	Nissan Copper Limited
6	Bhutoria Refrigeration Pvt. Ltd.	27	Om Sai Enterprises
7	Boss Plastics	28	Omega Icehill
8	Boulton Trading Corporation	29	Patton Refrigeration India Pvt. Ltd.
9	Coils India	30	Rapid Controls
10	Coolon India Pvt. Ltd.	31	Safe A & T Tech.
11	Daspas Sales Corporation	32	Sam Products Pvt. Ltd.
12	Frick India	33	Sant Industrial
13	Fridgtool Ref.	34	Seven Star
14	Hicool Electronics Industries	35	Shanti Industries
15	Himgiri Ref.	36	Sidwal Refrigeration Industries
16	Hindustan Ref. Stores	37	Spirotech Heat Exchangers Pvt. Ltd.
17	Hira Arosio Tech.(Seven Star)	38	Standard Refrigeration
18	International Coils	39	Super Cool Trading
19	Jugal Tube Pvt. Ltd.	40	Superfreeze India Ltd.
20	Kool International	41	The Refrigeration House
21	Lloyd Electric & Engineering Ltd.	42	Vaishali Metals Pvt. Ltd.

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CHINA REFRIGERATION, 2012

continually makes efforts on extending the groups of users and professional buyers. Being involved in the "China Refrigeration Expo" means to become a part of the global network. "China Refrigeration Expo" will continue to serve the industry to promote its development and improvement.

Members interested in exhibiting or visiting this grand international show as delegates are requested to contact AIACRA Secretariat or email at aiacraindia@gmail.com.

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Report on China Refrigeration, 2011 in Shanghai, China

AIACRA DELEGATION TO SHANGHAI, CHINA REFRIGERATION, 2011



As we all know, China Refrigeration is one of the leading international trade fairs of the HVAC & R industry. AIACRA had once again taken a delegation of its members from across the country to the 22nd International Exhibition of China Refrigeration, 2011, held at Shanghai on 7-9 April, 2011. Like every year, some members of AIACRA also exhibited their products at the expo.

The tour to China Refrigeration was very successful and this time a strong delegation of 104 members (including RATA Mumbai) visited the exposition. CAR had arranged a stall for AIACRA at the

exhibition from where Directories, Newsletters, Brochures and CD's were distributed to visitors. The AIACRA stall displayed posters of the Association for information of visitors.

President, AIACRA, Mr. Jagmit Singh, on behalf of AIACRA signed a fresh MOU with CAR at an exclusively arranged ceremony for the event. With this MOU, AIACRA would continue its association with CAR for mutual benefit of members of both associations. VIP passes and China Refrigeration exhibition materials such as CD's, Directory, etc. were distributed to all member delegates.

S.No.	Name of Delegates	S.No.	Name of Delegates	S.No.	Name of Delegates
1	Mr. Ajay Kumar	36	Mr. Jasprit Singh Sethi	71	Mr. S. T. Shetty
2	Mr. Ajay Kumar Jain	37	Mr. Kamlesh Babubhai Amin	72	Mr. Sandeep Sekhani
3	Mr. Ali Gazanfar	38	Mr. Kishor Jamuna Prasad Sahu	73	Mr. Sanjay Gupta
4	Mr. Amit Goel	39	Mr. Kishor Udharam Manglani	74	Mr. Sanjay Gupta
5	Mr. Amol Suryawanshi	40	Mr. Krishan Gopal Sharma	75	Mr. Sanjay Manchanda
6	Mr. Anand Shriram Joshi	41	Mr. Krishnan Vijayraj Raman	76	Mr. Sasidharan Janardanan
7	Mr. Anil Maini	42	Mr. Kunwarjeet Singh Bhamra	77	Mr. Shailendra Kant Mishra
8	Mr. Antoroy Timothy	43	Mr. Manilal Kanjibhai Gharsandiya	78	Mr. Shamdas Gobindram Chandan
9	Mr. Appidi Venkata Subba Readdy	44	Mr. Manjul Gupta	79	Mr. Shan Harpreet Singh
10	Mr. Ashish Behree	45	Mr. Mihir Narendra Sanghavi	80	Mr. Shripad Vinayak Kulkarni
11	Mr. Ashok Shankara Bhat	46	Mr. Milap Champalal Munot	81	Mr. Siddharth Chimanlal Shah
12	Mrs. Alpana Gupta	47	Mr. Mukesh Goswami	82	Mr. Simranjit Singh
13	Ms. Arpana Agarwal	48	Mr. Mukesh Kumar Sehgal	83	Mr. Sunil Kher
14	Mr. Baljeet Narula	49	Mr. N V George	84	Mr. Sunil Shamdas Chandan
15	Mr. Bhaskar Shama	50	Mr. Narendra Harilal Sanghavi	85	Mr. Sushil Kumar Choudhury
16	Mr. Brijesh Sharma	51	Mr. Narendra Sumermal Bhutoria	86	Mr. Sushil Pannalal Doshi
17	Mr. Deepak Malhotra	52	Mr. Narinder Singh Riyat	87	Mrs. Shweta Goel
18	Mr. Deepak Tejprakash Dalmia	53	Mr. Neeraj Checker	88	Mrs. Sushila Choudhury
19	Mr. Dharmesh Dayalji Mehta	54	Ms. Neha Choudhury	89	Mr. Tarun Popli
20	Mr. Dilip Kumar Chimanlal Sheth	55	Mr. Parasmal Sirohia	90	Mr. Tej Pal Singh
21	Mr. Dwijesh Gautam	56	Mr. Pradeep Jayram Vade	91	Mr. Umakant
22	Mr. Faraz Gazanfar	57	Mr. Pradeep Kumar Bachhawat	92	Mr. Umed Gunecha
23	Mr. Fazalmohamad Yusuf Patel	58	Mr. Prakash Mahadeo Tamboskar	93	Mr. Vaman Anant Nayak
24	Mr. Gaurav Gupta	59	Mr. Prakash Ranjit Singh Linga	94	Mr. Varinder Singh Anand
25	Mr. Gaurav Rastogi	60	Mr. Pravin Jain	95	Mr. Vibhor Gupta
26	Mr. Geon George	61	Mr. Pravin Jain	96	Mr. Vikash Sekhani
27	Mr. Gopi Krishna	62	Mr. Prayagdatt Vijay Kumar Mishra	97	Mr. Vikram Maini
28	Mr. Govind Narula	63	Mr. Prem Kumar	98	Mr. Vinay Behree
29	Mr. Harpreet Singh Bhamra	64	Mr. Radhakrishan Gurnaney	99	Mr. Vinod Kumar Rekhi
30	Mr. Harpreet Singh Renu	65	Mr. Rahul Maini	100	Mr. Vinod Shamdas Chandan
31	Mr. Himanshu Agarwal	66	Mr. Rajeev Narain Arora	101	Mr. Vipul Kumar Jain
32	Mr. Huma Gazanfar	67	Mr. Ramesh Mhatre	102	Ms. Yesha Choudhury
33	Mr. Inderjit Anand	68	Mr. Ravi Kumar	103	Mr. Yash Pal Singh Sandhu
34	Mr. Inderjit Singh	69	Mr. Ronsher Singh Sidhu	104	Mr. Yogesh Sanjay Deshpande
35	Mr. Jagmit Singh	70	Mr. S. Srinivasan		



...Continued from Page 1 ICE EXPO -2011

stakeholders. After the successful ICE Expo 2009 and ICE 2010 in Delhi, Global Cold Chain Alliance - India is organizing ICE Expo - 2011 on 1- 2 December 2011 at Hall of Knowledge, Nehru Centre, Mumbai.

Objectives:

- To consolidate all the key stakeholders to be a part of Cold Chain Development in the country
- Address the challenges and the needs in the

Indian Cold Chain and to discuss the possible solutions

• Create a platform for business collaborations and networking opportunities for public and private, Indian as well as International players


• Create a consortium for knowledge sharing through dissipation and analysis of novel and cost effective technologies and display of modern and state of the art cold chain services and equipments

• Recommend policy initiatives and promotional schemes for Cold Chain Sector in India

We invite all members to participate in ICE 2011 to get upgraded with latest trends & technologies in the Cold Chain Industry and implement practices for better efficiency. Please contact AIACRA Secretariat for further necessary information regarding booking space at ICE Expo-2011.

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AIACRA 108TH GENERAL BODY MEETING AT KOLKATA



The 108th General Body Meeting of AIACRA was held on 21st May, 2011 at The Bengal Chamber of Commerce & Industries, 6th, Netaji Subhash Road, 3rd Level Floor, Near G.P.O., Kolkata - 700001. AIACRA GBM was hosted by Eastern India Air-conditioning and Refrigeration Association (EIARA). Over 50 members and guests of AIACRA & EIARA attended the meeting.

President AIACRA, Mr. Jagmit Singh chaired the meeting and welcomed all to the 108th General Body Meeting of AIACRA. He congratulated the new President of EIARA Mr. Navin Lamba along with the new executive committee of EIARA elected just before the AIACRA GBM. He thanked EIARA for the excellent arrangements made for the meeting. He also thanked Mr. Rajendra Mittal,

Immediate Past President, Mr. Ashok Mittal and Mr. Harpreet Singh who had come all the way from Delhi to attend the EC and GBM meeting at Kolkata.

Among the Agenda points, members discussed in detail the market and industry scenario in East India as well as the participation of Zonal Associations in AIACRA Activities. Several issues regarding problems being faced by members were also discussed.

The Sponsors of AIACRA GBM were **Avi-Oil India Pvt. Ltd.; Advantec Coils Pvt. Ltd.; Freezeking Industries Pvt. Ltd.; Mandev Tubes Pvt, Ltd.; Sant Industrial Controls Pvt. Ltd. and ECO Refrigerants Pvt. Ltd.**



NIRATA TECHNICAL SEMINAR AT INDORE, MADHYA PRADESH, INDIA



NIRATA technical seminar was held on 20th August, 2011 at Sarovar Portico, Indore, M.P., India. Mr. Rahul Maini (President-NIRATA) kick started the seminar and emphasized upon Environment friendly and Energy efficient HVAC&R technologies for sustainable growth.

Mr. Love Kumar (Vice President-NIRATA) explained the history and role of the association. He had extended his gratitude to Mr. Rajendra Mittal for mentoring the association. NIRATA is committed to conduct regional technical seminars to create awareness on new refrigerants and compressors technologies.

The following leading HVAC&R companies had presented the technical papers and sponsor the event:

Bitzer: R-410A characteristics and system design challenges.

Danfoss : Bulk Milk Coolers and Chillers Refrigeration systems.

Emerson Technologies: Benefits of Star Labeling on Air – conditioners.

Sea Bird: Cold Room basics.

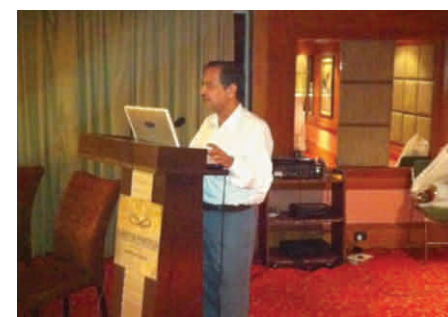
Spirotech : Fin and Tube Coils Manufacturing process highlighting helium leak detector.

The Refrigeration House

Mr. Ashok Mittal (Hon. Secretary, NIRATA) also helped and contributed to the over all efforts in making the event a success.

Mr. Ashish Gupta (Hon. Joint Secretary, NIRATA) had conceived and arranged the entire programme. He had successfully convened seminar and concluded with the networking dinner.

The response was overwhelming and attendees had widely appreciated the NIRATA efforts. There were 4 attendees confirming their membership on the spot. The seminar pictures have been posted on FACEBOOK for one and for all.



INDIA COLD CHAIN EXPO 2011

www.indiacoldchainexpo.com

Exhibition, Conference, Networking Dinner & Awards

1st - 2nd December, 2011, Nehru Centre, Worli, Mumbai

Cold Chain Focus:
Horticulture and Food Processing
 Projecting innovative and cost effective technologies for a value added cold chain business and bringing all the key stakeholders to be the part of Cold Chain development in India.

Pharmaceuticals
 Taking the industry to the cutting edge technologies and regulations.

Seafood
 Sustainable Seafood Supply Chain.

Investments
 Financial Structuring for Cold Chain.




For Further Information:
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