

GLASS News

As Published in **Kaish** Quarterly Journal of **The All India Glass Manufacturers' Federation**
Bi-lingual

SCHOTT KAISHA HOSTS PHARMA PACKAGING STALWARTS AT ITS JAMBUSAR PLANT, GUJARAT

Leading pharmaceutical packaging company, SCHOTT KAISHA recently opened doors to its valuable industry partners for a plant visit, as part of the Parental Drugs Association's (PDA's) two-day conference on 'Advancing Science in Drug, Device & Primary Packaging: A Primer to Containers, Closures & Integrity'. More than 60 delegates from the high-profile conference, took part in the half-day visit to SCHOTT KAISHA's state-of-the-art facility in Jambusar, Gujarat, to enhance their know-how of best practices being followed by the Indo-German joint venture.

"We are proud to have hosted such a high-profile delegation of PDA at our plant in Gujarat. It was not only a great experience for our workers, who felt motivated after meeting industry Professionals, but also enriching for the visitors. Many of them represent our longstanding clients and they were extremely happy to see what happens inside the plant that delivers them high quality pharmaceutical packaging material," said Mr. Eric L'Heureux, Director Operations, SCHOTT KAISHA Private Limited.

Industry leaders from various pharmaceutical and research companies visited the factory and met with the SCHOTT KAISHA management.



"Our guests were really impressed, seeing us follow the highest quality standards of production at our facility, be it basic hygiene and cleanliness on one hand, or the unprecedented technological advancements, such as the new Opto-Electronic Inspection System, which enables a full cosmetic inspection of the entire vial, and offers customization options over and above the standard inspection protocol for the clients," Mr. L'Heureux added.

Mr. L'Heureux also delivered two presentations at the PDA conference at Welcome Hotel, Vadodara on topics of 'Defects in tubular glass vials' and 'Glass delamination – its possible causes and techniques for mitigation.' Delamination, which is the peeling of inorganic flakes from the inner glass surface of a pharmaceutical vial as a result of interaction with its contents, remains a sensitive issue for the pharmaceutical industry.

"Such initiatives are extremely beneficial for our industry as a whole, as they encourage exchange of ideas and knowledge among peers from different sections of the value chain. This visit to SCHOTT KAISHA not only helped the guests gain more

perspective of the production process, but can also be seen as an invaluable case study for many fruitful discussions on best practices being followed in the pharma packaging industry," shared Mr. L'Heureux.

PREMJI INVEST PUMPS INR 400 CRORE IN GOLD PLUS GLASS INDUSTRY

Gold Plus Glass Industry Ltd., a domestic float glass manufacturer has raised INR 400 crore from Premji Invest -- Azim Premji's investment arm -- to fund its expansion plans.

Gold Plus currently operates two float glass lines (clear glass and tinted glass) with a combined installed capacity of 4,27,000 tonnes per annum and claims to have 16 per cent share of the total installed float glass capacities in India.

"This investment from Premji Invest will help the company increase its capacity by an additional 7,30,000 tonnes per annum. Through this expansion, Gold Plus plans to cater to the increasing demand, reduce the dependence of significant glass imports and also creating large scale employment opportunities."

Over the next 3-4 years, Gold Plus will invest over INR 2,000 crore for adding two new float glass lines in India.

"This expansion is targeted to capture the exponential growth in demand estimated to be witnessed by the industry from mega government initiatives like the announcement of over 100 Smart Cities, development of Airports," the company said.

Altamount Capital Management acted as an exclusive advisor to Gold Plus on the transaction.

Gold Plus has a manufacturing facility at Roorkee, Uttarakhand and two processing units in Haryana and Himachal Pradesh. It has executed several projects in India and other countries, including Nepal, Bhutan, UK and Qatar.

"We believe that the investment from Premji Invest will help us accelerate our expansion plans and also enable us to increase our market share. The growth in the demand for float glass in India is expected to be robust on a long-term basis," Gold Plus founder and Chairman Mr. Subhash Tyagi said.

VIRTUAL REALITY I.S. MACHINE FOR TRAINING, DIAGNOSTICS AND OPTIMISATION

Glass Technology Services Ltd (GTS), leading experts in glass technical support, have partnered with tech start-up VRMT Ltd., on a pioneering virtual reality project for the global container glass industry to address numerous challenges in real-world training, fault diagnostics, optimisation and collaborative technical support.

Attendees at glasstec 2018 in Dusseldorf, Germany on October 23-26 will have the opportunity to see the two demonstration units, trial the virtual reality platform and find out how to get involved.

Representatives from Glass Technology Services and VRMT will be on hand in hall I4, stand F64 to demonstrate the new, immersive, virtual reality systems, as well being available to discuss other glass R&D developments and technical support.

Glass Technology Services is supporting VRMT with technical glass expertise, business support and access to leading glass manufacturers around the world. The project is the first virtual reality in manufacturing application for the container glass industry. Built on the Unity Engine software platform and experienced with the leading Oculus rift hardware, the first release of the virtual reality platform is ready for market, with service support and further features and functionality under development.

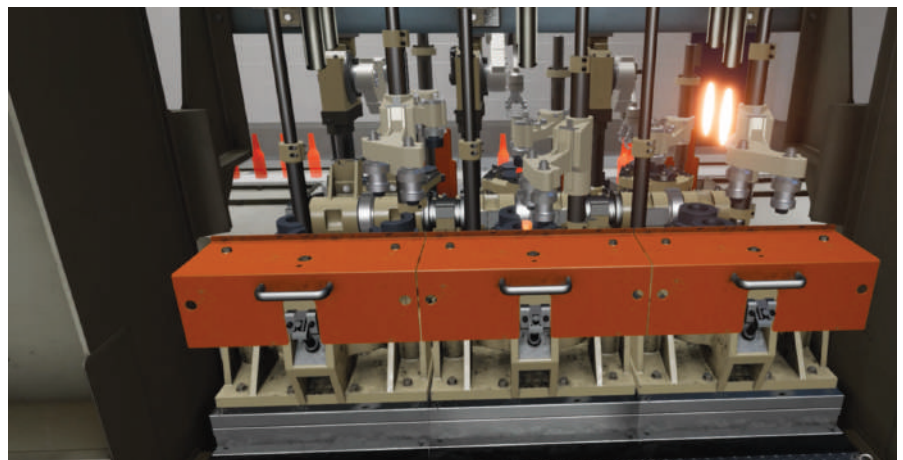
Featuring a fully-functional three-section glass forming (I.S.) machine - from shear mechanism to Lehr - the primary objective for the system is to improve training - allowing operators to learn about the configuration of machine mechanisms, shear and glass properties, fault diagnostics and bottle inspection - without any effect on actual production and in an entirely safe environment.

Multiple users from different locations can inhabit the same virtual environment - allowing training and technical collaboration between plants on a truly global scale.

ONE-DAY NATIONAL WORKSHOP ON NATIONAL BUILDING CODE OF INDIA 2016: GLASS AND GLAZING ASPECTS

Bureau of Indian Standards (BIS), Glazing Society of India (GSI) and IIT Madras jointly conducted a one-day workshop on "National Building Code 2016: Glass and Glazing Aspects" on August 3rd, 2018 at LS Raheja School of Architecture in Mumbai. The Workshop was supported by Glass and Glazing Knowledge forum including Glazing Society of India, Federation of Safety Glass, **The All India Glass Manufacturers Federation**, Confederation of Construction Products & Services, International Fenestration Forum, Glass Academy and uPVC Windows and Doors Manufacturers Association.

The objective of this workshop was to educate the entire construction value chain on the codes and provisions given in NBC 2016 on the use of glass and glazing systems in Indian Buildings and thereby enabling the implementation of the same. The technical theme papers book was released by Mr. V Suresh, Vice-Chairman, NBC Committee of BIS and the first copy was received by Mr. Arun Kumar, Scientist D, Civil Engineering Department, BIS in the presence of Prof. S Arul Jayachandran, Professor, Civil Engineering Department, IIT Madras, Mr. G N Gohul Deepak, Director,





Western India Glass Manufacturers' Association, Mumbai

1. Mr. H.R. Bhandari - Pragati Glass Works (P) Ltd., Mumbai
2. Mr. G.K. Sarda - E m p i r e Ind. Ltd.- Vitrum Glass, Mumbai
3. Mr. Sanjay Tiwari - Piramal Glass Ltd., Mumbai
4. Mr. Naresh Gupta - HNG & Inds. Ltd., Mumbai

Eastern India Glass Manufacturers' Association, Kolkata

1. Mr. Vinay Saran - HNG & Inds. Ltd., Kolkata

U.P. Glass Manufacturers' Syndicate, Firozabad

1. Mr. Manish Bansal - G.M. Glass Works No. 2, Firozabad
2. Mr. Sanjay Mittal - F a r u k h i Glass Industries, Firozabad
3. Mr. Krishan Mohan Gupta - Firozabad Glass Shell Industries, Firozabad
4. Mr. Anurag Gupta - Om Glass Works (P) Ltd., Firozabad
5. Mr. Mukesh Kumar Bansal - Sri Sitaram Glass Works, Firozabad
6. Mr. Uma Shankar Agarwal - Pooja Glass Works (P) Ltd., Firozabad

South India Glass Manufacturers' Association, Hyderabad

1. Mr. Rajesh Khosla - AGI Glaspac (An SBU of HSIL Ltd.), Hyderabad

Northern India Glass Manufacturers' Association, New Delhi

1. Mr. Saurabh Kankar - Gujarat Guardian Ltd., New Delhi
2. Mr. Shailendra Kumar Misra - HNG & Inds. Ltd., Bahadurgarh

Glazing Society of India and other dignitaries.

While delivering the key note address, Mr. V Suresh presented about the various sections present in NBC 2016 which would be vital for every Professional in the construction value chain as a guideline for safe and sustainable construction. In his special address, Mr. S Arun Kumar explained about the revisions done in NBC 2016 to cater to the growing needs for standardization in the Glass and Glazing industry. Earlier, Mr. G N Gohul Deepak made the welcome address. Prof. Arul Jayachandran delivered the vote of thanks.

The event had 3 technical sessions addressed by eminent experts from BIS, industry and academia. The eminent experts included Mr. S Arun Kumar; Mr. R N Dandekar, Convener, Panel for Glass and Glazing of NBC 2016; Prof. S Arul Jayachandran; Mr. Amor Kool, Member, Panel for Sustainability of NBC 2016; Mr. SS Warrick, Member, Panel for Fire Protection of NBC 2016; Mr. Antony John, Member, Panel for Glass and Glazing of NBC 2016 and Mr. Sharanjit Singh, Member, Glass, Glassware and Laboratoryware, Technical Committee of BIS.

The workshop was attended by 170+ participants comprising of builders,

architects, consultants, developers, glass processors, manufacturers, govt officials and other professionals. The workshop was well received by the industry and excellent feedback was received from the participants.

ANNUAL GENERAL MEETING OF THE ALL INDIA GLASS MANUFACTURERS' FEDERATION

Following were elected as Office Bearers of the AIGMF for the Year 2018-19 in the Annual General Body Meeting held on August 17, 2018 at New Delhi:

President - Mr. Raj Kumar Mittal, Geeta Glass Works, Firozabad

Sr. Vice President - Mr. Bharat Somany, HNG & Ind. Ltd., Bahadurgarh

Vice President - Mr. Sanjay Agarwal, Kwaliti Glass Works, Firozabad

Hony. General Secretary - Mr. Kailash Chandra Jain, HNG Float Glass Ltd., Mumbai

Hony. Treasurer - Mr. Hargun C. Bhambani, Sunrise Glass Ind. Pvt. Ltd., Gujarat

On the recommendations of the Zonal Associations, following were nominated as members of the Executive Committee for the Year 2018-19:

The following were co-opted as members of the Executive Committee for the year 2018-19 :

1. Mr. Sanjay Somany - HNG & Ind. Ltd., Bahadurgarh
2. Mr. Pradeep Kumar Gupta - Om Glass Works Pvt. Ltd., Firozabad
3. Mr. PK Kheruka - Borosil Glass Works Ltd., Mumbai
4. Mr. Mukul Somany- HNG & Ind. Ltd., Kolkata
5. Mr. SC Bansal - Adarsh Kanch Udyog, Firozabad
6. Mr. Alok Modi - Gujarat Guardian Ltd., Delhi
7. Mr. Sushil Jhunjhunwala - La Opala RG Ltd., Kolkata

IIIT BHU - IRMA CENTER OF EXCELLENCE IN REFRACTORIES AT INDIAN INSTITUTE OF TECHNOLOGY (BHU)

2018, this Excellence Center was dedicated to the nation jointly by Prof. Pramod Kumar Jain, Director, IIT (BHU) and Mr. Hakimuddin Ali, Chairman, IRMA and Chairman of IMERYS India & Director Strategy & Business Development, Imerys India, Africa and Middle East. Other dignitaries present during this dedication ceremony were Mr. R. V. S. Raju, Director, RHI Clasil Ltd. & Member, IRMA Board of Directors; Mr. Kamal Sarada, CEO, IFGL Exports Ltd., and Deputy Chairman, IRMA; Dr. I. N. Chakraborty, President (R&D and QPC) Calderys India Refractories Ltd. and Technical Subcommittee, IRMA; Mr. Ghanshyam Bhai Dholaria, Managing Director, Nobel Refractories, Gujarat; and Prof. Rajiv Prakash, Dean (R&D), IIT (BHU) along with Professors and the students of the Institute.

Refractories are such ceramic oxide and non oxide ceramic

kinds of furnaces and reactors. The growth of these sectors is the key to the national development. Prof. Pramod Jain, said that this center will bring academia and industries to work jointly for the national development and growth. He advised that the center should come up for contribution to the ambitious plan of defense corridor of Government of India. Mr. Hakimuddin Ali, Chairman, IRMA said, the country is having ambitious target of producing 300 million tons of steel per annum. This move is expected to create a synergy between the refractory, steel industry and other allied industries.

Prof. Devendra Kumar, Head, Department of Ceramic Engineering, IIT(BHU) said, the impact of this center will be of many folds: Physical and chemical tests in line with various national and international standards on refractory materials and products in shortest time frame with accuracy



Under a long-term of Memorandum of Understanding (MoU) between Indian Institute of Technology (IIT) (BHU) Varanasi and Indian Refractory Makers Association (IRMA) a IIT (BHU) – IRMA Center of Excellence for Refractories was established in the Department of Ceramic Engineering, IIT (BHU), Varanasi. On 28th Sept

materials, which are stable at very high temperature even in corrosive and erosive environment. It is a key component in manufacturing of **glass**, petrochemicals, iron and steel, aerospace, power, cements and fertilizers sectors etc. Many of these sectors use high temperature processes and require different

will be the primary objective of the center. A synergy between academics and industry will go a long way for refractory product development for future needs, industrial problem solution and skill development through various learning and training programs. It is expected that technical help of this center will boost

manufacturing of refractory in globally competitive environment in India. He further assured that in a short period of time this center will be known for its role in the development of this sector of refractory Technology under the expertise.

भारतीय प्रोद्योगिकी संस्थान (काशी हिन्दू विश्वविद्यालय) वाराणसी में स्थापित देश का पहला रिफ्रेक्टरी उत्तमता केन्द्र राष्ट्र को समर्पित

भारतीय प्रोद्योगिकी संस्थान (काशी हिन्दू विश्व विद्यालय) वाराणसी के सिरामिक इंजीनियरिंग विभाग में दिनांक 28 सितम्बर 2018 को देश का पहला आई.आई. टी. (बी.एच.यू.)- इरमा रिफ्रेक्टरी उत्तमता केन्द्र (IIT (BHU)- IRMA Excellence Centre for Refractories) संस्थान के निदेशक, प्रोफेसर प्रमोद कुमार जैन व इरमा के अध्यक्ष श्री हकीमुद्दीन अली द्वारा संयुक्त रूप से राष्ट्र को समर्पित किया गया। लगभग दो करोड़ की लागत से बने यह रिफ्रेक्टरी उत्तमता केन्द्र की स्थापना अभियान्त्रिकी शिक्षा के क्षेत्र में अग्रणी भारतीय प्रोद्योगिकी संस्थान (काशी हिन्दू विश्वविद्यालय) व रिफ्रेक्टरी उद्योगों के संगठन 'भारतीय रिफ्रेक्टरी निर्माता संगठन- इरमा' के एक 15 वर्षीय समझौते के अन्तर्गत की गयी है। इस केन्द्र के उपकरणों की आपूर्ति इरमा कर रहा है तथा संचालन का कार्य संयुक्त

रूप से हो रहा है। इस अवसर पर संस्थान व रिफ्रेक्टरी उद्योग जगत के अनेक गणमान्य व्यक्ति उपस्थित थे। इनमें प्रमुख रूप से उद्योग जगत से श्री कमल शारदा, श्री आर.वी.एस.

राजू, डॉ. इन्द्रनाथ चक्रवर्ती व डॉ. जगदीश नारायण तिवारी प्रमुख थे।

श्री हकीमुद्दीन अली, चेयरमैन इरमा, व चेयरमैन इमरिस इन्डिया व डाइरेक्टर, स्ट्रेटिजी व बिजनेस डेवलपमेन्ट इमरिस इन्डिया, अफ्रीका व मिडिल ईस्ट ने बताया कि राष्ट्रीय इस्पात पालिसी के अन्तर्गत 2030 तक राष्ट्रीय इस्पात उत्पादन की क्षमता को 300 मिलियन टन तक बढ़ाने के लिये सरकार प्रयासरत है। इस उत्पादन क्षमता का विकास तभी हो सकता है जब उच्च गुणवत्ता वाली रिफ्रेक्टरी व उसके उत्पाद भरपूर मात्रा में उपलब्ध हों। वर्तमान में काफी मात्रा में रिफ्रेक्टरी पदार्थों व उत्पादों का आयात किया जाता है। श्री आर.वी.एस. राजू ने कहा कि रिफ्रेक्टरी उद्योग में कुशल कामगारों एवं रिफ्रेक्टरी के विशिष्ट ज्ञान प्राप्त इंजीनियरों की अधिकतम संख्या में



आवश्यकता है। प्रोफेसर देवेन्द्र कुमार, विभागाध्यक्ष ने बताया कि सिरामिक अभियान्त्रिकी विभाग लगभग एक शताब्दी 1924 से काँच व सिरामिक प्रोद्योगिकी की शिक्षा, शोध व विकास के कार्य में संलग्न है। प्रोद्योगिकी के इस क्षेत्र में तेजी से विकास हो रहा है। इस रिफ्रेक्टरी के उत्तमता केन्द्र में शैक्षिक जगत व उद्योगों के सामूहिक प्रयत्न से रिफ्रेक्टरी जगत के विकास की गति प्रदान होगी व स्वदेशी उद्यमों को बढ़ावा मिलेगा। एक ही केन्द्र में उद्योगों को रिफ्रेक्टरी पदार्थों व उत्पादों के भौतिक व रासायनिक परीक्षणों की सुविधा त्वरित रूप से उपलब्ध होगी। अन्तरराष्ट्रीय मानकों के आधार पर रिफ्रेक्टरी उत्पादों की गुणवत्ता पर स्वदेशी उद्योग न केवल अन्तरराष्ट्रीय उत्पादों से टक्कर ले सकेंगे बल्कि अन्तरराष्ट्रीय बाजार में भी अपनी पैठ बढ़ा सकेंगे। इस केन्द्र के शोध व विकास का लाभ भी उद्योगों को प्राप्त होगा जिससे वे नवीन उत्पादों का उत्पादन व व्यापार कर सकेंगे।



संस्थान व इरमा की संयुक्त बैठक के निर्णय के अनुसार यह रिफ्रेक्टरी उत्तमता केन्द्र रिफ्रेक्टरी के क्षेत्र में सतत शिक्षा व प्रशिक्षण के माध्यम से रिफ्रेक्टरी उद्योगों की मानव संसाधन की आवश्यकता की पूर्ति का भी माध्यम होगा। यह सतत शिक्षा का कार्यक्रम उद्योगों में कार्यरत अनुभवी विशेषज्ञों के सहयोग से चलाया जायेगा।

TWO DAYS TRAINING PROGRAM ON 'NEW BUILDING MATERIALS AND TECHNOLOGIES'

CCPS has organized a two days Training Program on 'New Building Materials and Technologies' at National CPWD Academy, Kamlanehru Nagar, Ghaziabad on Sept 13 & 14, 2018.

The Program was coordinated by Mr. Shashi Kant, Advisor CCPS and started with the inaugural address by Mr. DS Sachdev, former DG, CPWD with gracious presence of Mr. KV Singh, ADG and Mr. Piyush Dave, Chief Architect (Training), CPWD. Mr. Sachdev appreciated the efforts of CCPS for organizing this most contemporary and commendable program related to innovative and inevitable building materials of today which will prove to be very beneficial for the CPWD engineers and architects attending the program. The Training program was participated and attended by 44 dignitaries/ participants which included 21 CPWD officers comprising of DDG, Senior Architects, Superintending Engineers, Executive Engineers, Asst. Executive Engineers, Dy. Architects, Asstt. Engineers, Architects and Technical Officers posted at Chennai, Mumbai,

Vijaywara, Nagpur, Raipur, Kolkata, Bengaluru, Agartala, Patna and Delhi.

CCPS members took part in the program as faculty and covered following topics:

Sept 13

1. Architectural Hardware for Aluminium and UPVC Doors, windows and Motorized Hardware for façade openable by Mr. Ashim Chugh, Director, LGF Sysmac, Delhi
2. Types of Safety Glasses and managing noise in modern architectural buildings with glass by Mr. Dave Lee & Mr. Nishikant, Eastman Chemicals India Ltd. Singapore/Delhi
3. Innovative Products for Construction Industry- PU Foam, Sealants & Adhesives by Mr. Niten Patial, Vice President & Ms. Jignasa Suthar, Manager, McCoy Soudal, Delhi
4. Dry Walling and Partition Systems by Mr. Sachin Gupta, Regional Manager, Saint-Gobain - Gyproc

Sept 14

5. Acoustics in Buildings – Design & Installation by Mr. Sandeep

Mittal, Tech. Director, Anutone Acoustics, Bengaluru

6. Selection of Glass as per NBC 2016 /ECBC/GRIHA/IGBC parameters, Energy Efficiency, Fire Rating by Mr. N. Murali, Head- Design & Sustainability; Mr. Rakesh Gupta, Manager, Saint -Gobain Glass, Chennai
7. Innovation through Collaboration – A Changing Trend for Construction Industry, Heat Reflective Cool Roof System, Sports Track – Water Borne Chemistry by Dr. C. S. Karthikeyan, Dow Chemical International, Mumbai
8. Safety against Human impact while using Glass in Buildings by Mr. Shashi Kant, Adviser, CCPS and former Dy. Adviser, Planning Commission, Govt. of India

The officers attending the program appreciated the technical deliberations and presentations and suggested to organize similar program at their offices also. Mr. Piyush Dave, Chief Architect of the CPWD Academy was impressed by the program and invited CCPS to conduct the training program for the another batch of CPWD officers from Nov 14-16, 2018.



6TH
6

glasspex

GLASS PRODUCTION TECHNOLOGIES & PROCESSES

INDIA

10-12 OCTOBER 2019

INDIA'S
PREMIER EXHIBITION
FOR THE GLASS
PRODUCTION

HALL 1, BOMBAY CONVENTION
& EXHIBITION CENTRE
GOREGAON (EAST) MUMBAI, INDIA

www.glasspex.com

Powered by

glasstec

INTERNATIONAL TRADE FAIR FOR GLASS
PRODUCTION • PROCESSING • PRODUCTS

Supporting Association

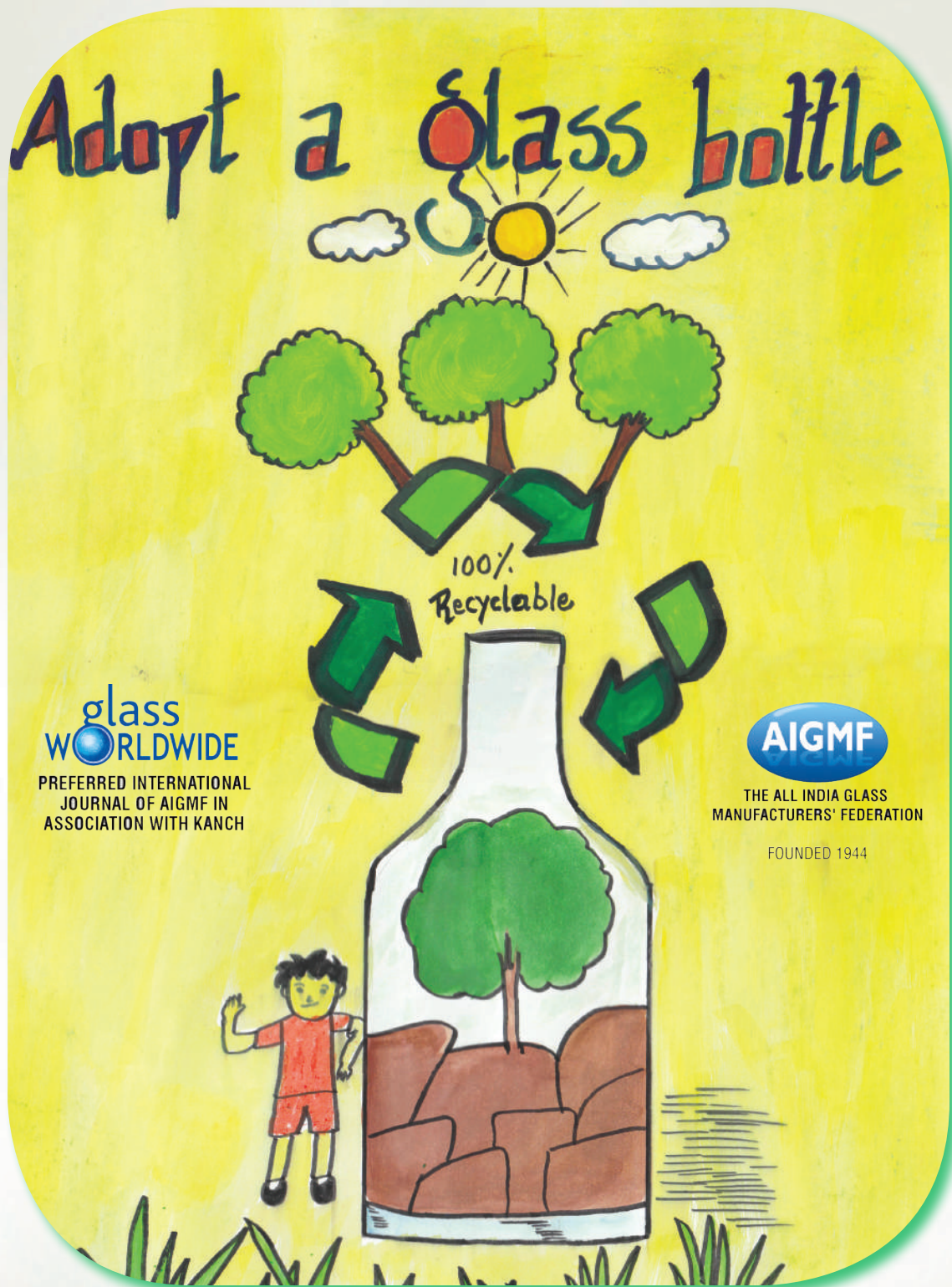


THE ALL INDIA GLASS MANUFACTURERS' FEDERATION
www.aigmf.com



Messe
Düsseldorf
India

Adopt a Glass bottle



glass
WORLDWIDE
PREFERRED INTERNATIONAL
JOURNAL OF AIGMF IN
ASSOCIATION WITH KANCH



THE ALL INDIA GLASS
MANUFACTURERS' FEDERATION

FOUNDED 1944

AIGMF - Catering to the needs of Glass Industry



Glass is **Inert** and
wholly **Recyclable**



Glass bottle is
Environment Friendly
and **Hygienic**



Contents in glass
bottle **Cools Faster**
and is **Refreshing**

THE ALL INDIA GLASS MANUFACTURERS' FEDERATION

812 NEW DELHI HOUSE, 27 BARAKHAMBHA ROAD, NEW DELHI-110001, INDIA

Telephone: + 91 11 23316507 Fax: + 91 11 23350357 E-Mail: info@aigmf.com Website: www.aigmf.com

PEPSICO INTRODUCES TAKEAWAY GLASS BOTTLE FORMAT IN MAHARASHTRA

PepsiCo India introduced a new packaging format of takeaway glass bottles across its carbonated beverage portfolio in 250 ml in Maharashtra as part of its strategy to focus on recyclable packaging formats.



The snacks and beverages major said that Pepsi, Mountain Dew, 7UP and Mirinda takeaway glass bottles will be available in 250 ml packs priced at INR 20. So far, the 250 ml was only available in PET packs.

“The new range of takeaway glass bottles comes with PepsiCo’s unique Twist Cap, and the innovation is a first ever in the carbonated soft drinks category in India,” it said in a statement.

The range of takeaway glass bottles, will be in addition to the existing classic returnable glass bottles and other packaging formats across the portfolio.

Mr. Vishal Kaul, Vice-President, Beverage Category, PepsiCo India, said: “We are committed to making it easier for consumers to choose their favourite PepsiCo Beverage brands

through category leading innovation, new packaging format and choice for different consumption occasions. This new range is reiteration of our effort of delivering on-the-go, convenient packaging format that is affordable and is recyclable.”

LATTIMER PRESENTED WITH QUEEN’S AWARD FOR EXPORT RECORD

UK engineering firm Lattimer has been officially recognised as a world-class exporter after being presented with the 2018 Queen’s Award for Enterprise, International Trade.

The precision-machinist manufactures around 30,000 different products for container glass manufacturing plants in more than 60 countries worldwide.

Its record has now been officially recognised by the Government office in charge of honouring ‘outstanding achievements by UK businesses’.

Queen’s representative and Lord-Lieutenant of Merseyside Mark Blundell visited the £12 million turnover company to present the award to the firm’s senior management, employees and apprentices.

It follows a Royal Reception held at Buckingham Palace, hosted by The Prince of Wales, attended by

Lattimer Holdings CEO Mr. Stephen Waterhouse and Managing Director Mr. Mark Hailwood.

Lattimer is also now permitted to fly The Queen’s Award flag outside its head office and use the Queens Award logo on all company stationary for a period of five years. Mr. Waterhouse said the presentation marked a significant moment in the company’s 76-year history following 40 years involvement in the glass container industry.

“This is an incredibly proud moment for each and every person who has contributed to the success of Lattimer since its inception in 1942,” he said.

“In our opinion there is no greater accolade or seal of approval than that of Her Majesty the Queen, on the advice of the Prime Minister.

“We have enjoyed many successes over the years including the development of ground-breaking products, however this moment ranks amongst the best.

“We are indebted to previous generations and their contribution in building the firm to where it is today. As the current custodians of the Lattimer brand we are determined to ensure it continues to prosper and thrive for the next 70-years and beyond.”



KAISHA INTRODUCES PATHBREAKING INNOVATION WITH THE LAUNCH OF 'KAISHA LIFESCIENCES'

The three-decade old partnership of Kairus Dadachanji and Shapoorji Pallonji Mistry has resulted in yet another milestone in India's pharmaceutical landscape with the birth of 'KAISHA LIFESCIENCES'.

With multi-crore investment and a team of skilled pharma specialists committed to develop superior quality generic injectables and any other forms of medicine, KAISHA LIFESCIENCES is a privately-owned company, established in Mumbai, with the sole purpose of developing top quality medication.

"After the phenomenal success of SOVEREIGN Pharma, SHAKAI Packaging and SCHOTT KAISHA, we are extremely proud to introduce this new venture. We aim to create a brand that can not only be relied on, but trusted by consumers all over the world", says Mr. Rishad Dadachanji, Managing Director, KAISHA LIFESCIENCES. "Our philosophy of 'One Quality for All' enables us to maintain the highest standards for all our products that are developed and manufactured under stringent protocols of quality control, to ensure "PATIENT SAFETY".

In addition to the most advanced products offered by KAISHA LIFESCIENCES, the new set-up will offer a portfolio of contract research services from its R&D site, located in Daman, India which is equipped with a large variety of sophisticated equipment enabling customers to develop a wide and complex range of products.

"Our aim is to support the 'Vision 2030' for the Indian Life Sciences Industry of becoming the largest and most reliable drug supplier in the world whilst providing affordable and high quality drugs to fellow Indians. We are here to service the needs



of the pharmaceutical industry for several decades to come, ensuring continued stability and reliability for our partners and the end consumers", says Mr. Dadachanji. Under this vision, the industry is expected to sustain its growth trajectory of 11 to 12 percent per annum and grow 7 to 8 times, to a size of USD 190 to 200 billion (INR 13.75 to 14.45 trillion) by the year 2030.

NEW CHAIRMAN OF INDIAN GREEN BUILDING COUNCIL

Executive Board members of CII's - Indian Green Building Council (IGBC) appointed Mr. Vasudevan Suresh as the Chairman of IGBC on Oct 6, 2018.

Mr V. Suresh is the former CMD of Housing and Urban Development Corporation Limited (HUDCO). He was the Chairman of IGBC Policy & Advocacy Committee and played a pivotal role in accelerating the adoption of green buildings in India and involved in the design and development of IGBC green building



rating system for green cities and green villages. He was Vice Chairman of the National Building Code (NBC) 2016 and representing in various capacities in a number of Task Forces, Technical Advisory & Expert Groups etc. Certificate of Appreciation was presented to him during GLASS BULLETIN AWARDS – 2017 for his incredible contribution for promotion of Glass and including a new part "Glass and Glazing' in NBC 2016.

CHANGE IN MANAGEMENT AT LISEC

CEO Mr. Othmar Sailer who has been CEO of the LiSEC Group for more than six years leaves the company and Mr. Gottfried Brunbauer takes over.

Mr. Brunbauer, who has been Chief Operating Officer (COO) of the LiSEC Group since November and previously served as CTO with Rosenbauer, a leading manufacturer of systems for firefighting and disaster protection, will be the new CEO.

(News Source: AIGMF Research Team/World Wide Web)





The 3rd Edition

10-12 October 2019

TRENDS AND INNOVATIONS IN GLASS

HALL 1, BOMBAY CONVENTION & EXHIBITION CENTRE
GOREGAON (EAST) MUMBAI, INDIA

www.glassproindia.com

Powered by



Concurrent Event



Supporting Association



Organised by



October - December 2018 Issue

will carry detailed coverage of AIGMF at glasstec 2018 (Dusseldorf), AIGMF Executive Committee Meetings, World of Fenestration events, CII's Indian Green Building Congress, other supported Events and more.

To book advertisement space, mail to info@aigmf.com by Nov 30, 2018.

Kanch is the leading choice for advertising in the glass and related industries. With several years of publishing experience, unrivalled coverage for the worldwide glass manufacturing community with up-to-date news, editorial and features, as well as exhibitions; KANCH is the best medium to communicate with stakeholders.

We understand your needs as an industry and are committed to assist you in making your advertising most profitable. This also popularises your brand and product portfolio by establishing contacts to suit your company's requirements.

Good quality advertisement material along with a Cheque of the requisite amount payable to 'The All India Glass Manufacturers' Federation' may be sent to Secretary AIGMF at the registered office of the Federation.

It would be ideal if you could send your advertisement in PDF high resolution format (with auto enabled e-mail ID/ website address, if any) helping readers to reach you directly

on a single click in KANCH's e-version / AIGMF website.

A complimentary copy of KANCH along with the invoice will be sent to all advertisers. Those wanting more than one copy are requested to send their request in advance.

For convenience, payment can also be remitted through wire transfer. Our bank details are as under:

Remittance from Abroad to:

Bank of Baroda, New York, SWIFT BIC: BARBUS33, FEDWIRE/ROUTING NUMBER: 026 005 322, giving full particulars of Beneficiary i.e. Account No. : 05860400000062
Name : The All India Glass Manufacturers' Federation
Bank : Bank of Baroda
Branch : Parliament Street
City : New Delhi, India
Payment Instruction Message i.e. MT - 103 is to be sent to Bank of Baroda, IBB, New Delhi, SWIFT BIC - BARBINBBPAR

Remittance from India to:

(Deposit Cheque or make NEFT- online payment)
Account No. : 0411156983
Name : The All India Glass Manufacturers' Federation
Bank : Kotak Mahindra Bank
Branch : G-39, Connaught Circus New Delhi
IFSC Code : KKBK 000214

A copy of bank advice may please be sent at info@aigmf.com for reconciliation ■

Advertisement Tariff*

	Indian Companies (₹)	Foreign Companies (US\$)
Ordinary Full page	8000	450
Extra Inside Cover Page	9000	500
Inside Cover Page	10000	525
Back Cover Page	20000	900
Extra Folded Cover (front) Page	20000	900
Centerspread (two pages)	20000	900
Half Page	5000	300

The print area is 21.5 x 30.5 cm for full page advertisement.

GST as applicable.

*subject to revision



Quarterly Journal of Glass Industry, published and printed by Vinit Kapur on behalf of The All India Glass Manufacturers' Federation from 812, New Delhi House, 27 Barakhamba Road, New Delhi - 110001 and printed at New United Process, A-26, Ph-II, Naraina Industrial Area, New Delhi-110028

T: +91 11 2331 6507 F: +91 11 2335 0357 E: info@aigmf.com

Member Editorial Board:

A K BANDYOPADHYAY
Former Principal, Govt. College of Engineering & Ceramic Technology-GCECT, Kolkata

DEVENDRA KUMAR
Prof. & HOD, Dept. of Ceramic, Indian Institute of Technology (Banaras Hindu University)

K K SHARMA
President, NIGMA and Plant Head, HNG Neemrana, Rajasthan

Editor: MOHAN LALVANI

Complimentary copy for Members / Government Departments / NGO's and those connected with Glass Industry

Free online version at: www.aigmf.com/kanch.php

Charges for Print issue:

Indian Companies: ₹ 125 per copy
Annual Subscription ₹ 450

Foreign Companies: US\$ 25 per copy
Annual Subscription US\$ 80