

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

UNITED NATIONS APPROVES 2022 AS THE INTERNATIONAL YEAR OF GLASS

The International Commission on Glass (ICG), the Community of Glass Associations (CGA) and ICOM-Glass are promoting 2022 as a United Nations International Year of Glass to underline its scientific, economic and cultural roles and celebrate several anniversaries. Glass supports many vital technologies, facilitates sustainability and a green world and enriches our lives, yet often goes unnoticed.

The UN application was made with the support of ICG (International Commission on Glass, CGA (the Community of Glass Associations) and ICOM (International Committee for Museums and Collections of Glass). ICG President Prof. Alicia Duran acted as the prime driving force. The Spanish Ambassador at the UN provided important assistance. A total of 1580 endorsement letters from 80 different countries were received and the number of endorsement letters grew to 1600 up to the meeting date with more and more people joining to support. The IYOG2022 resolution was co-sponsored by 19 countries at the UN, creating a record for UN Year application.

The formal resolution was agreed at the United Nations General Assembly on May 18, 2021.

For planning the activities and to promote Glass, a Steering Committee under the banner of the International



1st IYOG2022 International Steering Committee Meeting underway

Commission on Glass comprises of Glass Associations worldwide, Glass Technologists, Academicians as well as prominent glass magazines. The 1st IYOG2022 International Council's virtual meeting was held on June 16 which was attended by around 40 Members. The meeting focussed on planning the Glass related activities worldwide.

As a kickstart to these events and a partner organisation in India, AIGMF announced 1st Photography Contest for the age group between 7-24 years on the theme: GLASS IN OUR LIVES. Details of the contest are available at www.aigmf.com

Entries are invited online at info@aigmf.com by July 31, with results to be announced on the International Youth Day on August 12, 2021.

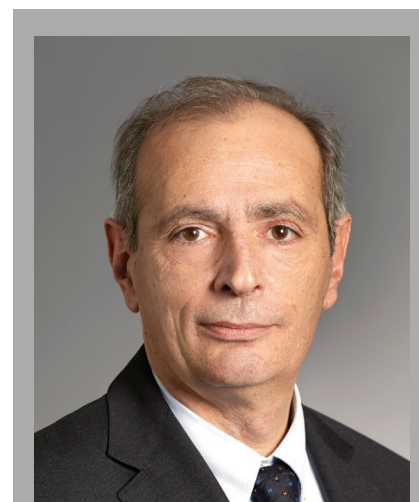
From India, Members for the Steering Committee comprises of Mr. Sitendu Mandal, Chief Scientist CSIR-CGCRI, Head Specialty Glass Division; Dr. Atiar Rahman Molla,

Pr. Scientist, Specialty Glass Division, CSIR-CGCRI. and Mr. Vinit Kapur, Secretary AIGMF.

The documents, brochure and video of IYOG2022 could be found at the official website: www.iyog2022.org

NEW LEADERSHIP TEAM ELECTED AT FEVE

FEVE – the European Container Glass Federation has elected its executive team for the 2021-23 term of office at its Annual General Assembly held on June 18.



Mr. Vitaliano Torno, O-I Glass President Business Operations & O-I Europe – one of Europe’s leading glass packaging manufacturers for the food and beverage sector - has been elected President of the EU container glass federation.

Commenting on his appointment, Mr. Torno said: *“I look forward to working closely with FEVE members, staff, and the national associations to further strengthen our Circular Economy industry’s business model which is already a leading example”.*

He added: *“We have the privilege to work with a material that has unique inherent sustainability benefits: it is endlessly recyclable and ensures quality and safety no matter how many times it is recycled. Glass is virtually inert and preserves the taste of the foods and beverages it protects. It adds prestige and the premium look and feel that supports our customers in nurturing their brands. And we are working towards glass as a climate neutral and fully circular packaging.”*

Mr. Torno succeeds Mr. Michel Giannuzzi, CEO of Verallia, who led the association for the previous two years. *“Michel Giannuzzi led the federation not only through this pandemic crisis but also set us on course to tackle some of our biggest challenges”*, commented Mr. Torno.

The FEVE members also elected Mr. Martin Petersson, CEO Ardagh Glass Packaging - Europe, as Vice-President. Mr. Petersson commented: *“This is an exciting time for the glass industry as we undertake one of the most important transitions to secure our future: the path to decarbonising glass packaging. I am looking forward to supporting Vitaliano and the sector over the next two years in the drive to address climate change and the sustainability agenda.”*

GOLD PLUS GLASS INDUSTRY PLANS CAPACITY EXPANSION OF 700,000 METRIC TONNES

Gold Plus Glass Industry Limited, India’s second largest float glass manufacturer and a dominant player in the architectural glass segment have firmed up its plans to undertake a large float glass capacity expansion. The company has confirmed plan to put two float glass lines and one solar glass line with combined installed capacity of approx. 700,000 metric tonnes annually.

Gold Plus is the only Indian owned float glass manufacturer and presently has two float lines in Roorkee, Uttarakhand with installed capacity of approx. 460,000 metric tonnes annually. Its facility at Roorkee is spread across 100 acres and produces almost entire bouquet of float glass (clear, tinted, solar control reflective, frosted glass, mirror, etc.).

The Company also has a processing unit to cater to high value glasses such as toughened, laminated, insulating, ceramic printed, acoustic, bulletproof, and automotive. The company competes with MNCs like Saint Gobain, Asahi, Sisecam and Gujarat Guardian.

The total project outlay is said to be in tune of INR 2,200 - 2,300 crores, and the company is already in discussion with Government authorities for land allotment and capital/revenue subsidies. The company is likely to finalize the state and the land parcel soon, moreover company is targeting revenue of over INR 3,000 crores with this capacity expansion.

Mr. Jimmy Tyagi, Whole time Director said, *“The management of the company takes pride in being the only Indian owned/ controlled float glass*

manufacturer and has laid out a clear plan to further entrench its position in the industry. The company has been eyeing capacity expansion for last couple of years and have finally decided to move forward, considering the overall positive business environment and government policies supporting the domestic glass industry.” He also indicated that the company plans to list its shares on stock exchange in the future.

The expansion is expected to be funded through a mix of internal accruals, equity raise and debt. The company is already backed by Premji Invest, which invested INR 400 crores in 2018.

The company is also setting up a solar glass manufacturing line as part of its planned expansion. Solar glass is used in photovoltaic (PV) panels used to generate electricity. Currently, only 30% of solar glass requirement is produced in India, and with an expansive solar energy target laid out by the Government, this move by Gold Plus should be welcomed by PV panel manufacturers which are also in the process of expanding their own capacities. Solar energy is on Government’s top agenda and recently the cabinet approved production linked incentives for PV panel manufacturing to promote domestic manufacturing of panels. Currently, Borosil Renewables Ltd. is the only solar glass manufacturer in the country.

Glass is one of the most versatile man-made materials and carries widespread application. The float glass consumption in India has been grown rapidly over the years driven by growth and expanded use in architectural, industrial and automotive sectors. India’s per capita

glass consumption is only about 2.7 kg as compared to an average of 20-25 kg in other developing economies clearly indicating a tremendous potential for growth.

Based on industry estimates, domestic manufacturers are only able to meet approx. 70% of float glass demand and the balance is met through imports. Recently, as part of the Government's efforts to curb cheap imports and promote domestic manufacturing, quality certification (under Quality Control Order or QCO) has been mandated for imported glass and Anti-Dumping Duty has been levied. This, along with rebound in commercial activity in the country has given a much-needed impetus to players like Gold Plus to go for the capacity expansion.

INDIA'S LARGEST VIAL MAKER EXPECTS SALES TO TRIPLE ON COVID-19 VACCINE RAMP UP

Indian drug vial maker Schott Kaisha is expecting annual vial sales for COVID-19 shots to more than triple as vaccine production, including by one of its top customers Serum Institute, increases in response to a monster second wave of infections.

"An Indo-German joint venture between specialty glass makers Schott AG and Kaisha, the company expects to sell 380 million vials for COVID-19 vaccines in 2021-22, up from 113 million a year earlier. The demand from our major customers has gone up two-fold, and is indicated to go up three-fold in the near future," said Mr. Rishad Dadachanji.

Serum Institute of India, which makes AstraZeneca's COVID-19 shot, is planning to produce 100 million doses a month from July, up from 70 million earlier. A single vial can typically store several vaccine doses.

A major vaccine hub, India has been running short of COVID-19 shots for its own people just when the pandemic has killed over 4,00,000 people.

Schott Kaisha is also in talks with Indian manufacturers of Russia's Sputnik V vaccine to supply millions of vials, but is yet to receive bulk orders, Mr. Dadachanji said. "We have received enquiries. The quantities are still in discussion."

The company, which is India's largest maker of tubular borosilicate glass vials used to store drugs and vaccines

by volume, is supplying vials for 14 COVID-19 vaccine candidates either in development or full production.

It plans to increase its annual production capacity for the vials to 1.7 billion by year-end from 1.2 billion last year. The company by its own estimate has a 60-65% market share.

BOROSIL TAKES RESPONSIBILITY FOR EDUCATION OF CHILDREN OF DECEASED EMPLOYEES

Borosil Group which is known for Consumer Products, Laboratory glassware and Pharmaceutical packaging (under Borosil Ltd.), and Solar glass (under Borosil Renewables Ltd.) has announced that in the event of an employee's unfortunate demise due to COVID-19, his or her family will continue to receive salary for the next two years.

Family members will also be eligible to receive other additional benefits the employee is entitled to. More importantly children's education till graduation will completely be covered by the firm.

The firm, which has lost 4 of their employees due to this pandemic, says it will do everything to keep employees and their families future safe and secure during these times.

Mr. Shreevar Kheruka, Managing Director, Borosil said *"In such unprecedented situation, we have to come together and help each other. I am deeply saddened by the demise of 4 of our employees due to this dreadful Pandemic. We, as an organisation will give the entire salary of 2 years to the family of the deceased. Also, we take full responsibility of the education of their children till their graduation. This trying situation will bring us together*



and I hope we will collectively emerge into a better tomorrow”.

Borosil and Borosil Renewables are also conducting medical counselling sessions with senior doctors, aiding employees to get help in medication and hospitalisation if required.

ACCURAMECH'S INITIATIVE ON WORLD ENVIRONMENT DAY

On 5th June, better known as the World Environment Day, an AIGMF Member company- Accuramech Industrial Engineering Pvt Ltd., arranged a COVID vaccination drive. The campaign was extended to the family members, sub-suppliers of Accuramech, and the surrounding industrial community.

The drive was in collaboration with Sanjeevan Hospital, Pune. They came to Accuramech premises to vaccinate 200 people on that day. Plants and seedlings were handed to everyone who were vaccinated.



GHCL OFFERING SPECIAL ASSISTANCE TO EMPLOYEES AFFECTED BY COVID-19

As India fights off its second pandemic wave, an AIGMF Member company- GHCL Limited has been providing support to employees and their families.

The industrial conglomerate, which includes a sizable home textiles

manufacturing operation, is ensuring vaccination of all eligible employees, their families and business partners. It has also invested in supporting employees, customers, vendors and communities during the Pandemic through enhancing safety measures, providing healthcare assistance as well as food, financial and livelihood support.

As part of that, the families of the deceased employees will continue to receive financial assistance equivalent to the last drawn salary of the employee for a period of two years from the date of death.

“The COVID-19 pandemic has brought emotional and financial challenges for all sections of society. As a company, we want to assist the families of our employees to pick up the threads and face the future in spite of the irreparable loss suffered by them,” GHCL said in a statement. *“We understand that no amount of help can compensate the loss of a precious loved one, but through this policy we would like to offer our*

support because we value and care for our employees, who are the pillars of GHCL.”

In addition to home textiles, GCHL manufactures edible salt and industrial grade salt under its consumer products division and produces soda ash for the detergents, **Glass** and ceramics sectors under its chemical division. It employs more than 4,000 people.

RETIREMENT OF DIRK PÖRTNER, MANAGING DIRECTOR OF HEYE INTERNATIONAL



As a progressive company, Heye International is always looking ahead and not backwards. However, special events give us an opportunity to look back on mutual successes with joy, pride and gratitude. The retirement of Heye International's Managing Director, Mr. Dirk Pörtner, on May 31, 2021 was such a special event. After more than 40 years in the glass industry and 13 years of management activity at Heye International, one era has come to an end and new era has begun.

The long-standing Managing Director was given a small, but well-deserved retirement event due to the Covid-19 Pandemic. Mr. Henrik Bonn , COO Ardagh Glass Europe, stated *“I would like to thank Dirk Pörtner for his outstanding work and success, not only at Heye International, but also in the Ardagh Group. In particular, his knowledge and experience in the glass industry and his charismatic personality will be remembered by employees, colleagues and customers. He made a significant contribution to the positive development and growth of Heye International. All in the Ardagh Glass family wish him all the best in this new phase of his life, and that he continues*

to enjoy good health and activities according to his desire. I am sure that our paths will cross in the future and I look forward to it.”

“I look back with great gratitude and a certain pride on what we, as the Heye team, have created in recent years,” said Mr. Pörtner. “Together we faced many challenges and celebrated many successes. I am proud of all that we accomplished together, and I am especially proud of all of my colleagues at Heye International.”

Mr. Achim Prange (CTO) and Mr. Jens Langer (CCO) will take over the tasks of Mr. Pörtner in addition to their previous fields of activity. Mr. Langer has been with the company for six years and is now responsible for sales, product management, marketing, service, IT, human resources and finance. Mr. Prange has been working in various management positions at Heye for over 20 years and will be responsible for the areas of development, production, logistics, purchasing, quality, application engineering and project management in the future.

“The continuation of the good relationships with our customers and suppliers remain the primary focus of our business. Heye International will continue to play an important role in the development of new technologies for the glass container industry and in the expansion of the global range of our services,” said Mr. Prange and Mr. Langer.

SOLAR GLASS MAKER BOROSIL RENEWABLES BAGS NATIONAL AWARD

The Government of India has recognized the manufacturer for the development and commercialization of 2 mm thick fully-tempered solar glass, Selene anti-glare solar glass, and Shakti solar glass in matt-matt finish.

Borosil Renewables Limited has bagged an award from the Indian



Government for the successful development and commercialization of indigenous solar glass technologies.

The award was conferred by the Department of Science and Technology’s Technology Development Board.

Borosil Renewables Limited has developed a state-of-the-art manufacturing technology to produce a variety of solar glasses including the 2 mm thick fully-tempered solar glass (which is being used in high-powered glass-glass bifacial modules), Selene anti-glare solar glass for solar installations near airports, Shakti solar glass in the matt-matt finish and world’s 1st Antimony-free solar glass.

The company has a manufacturing facility in Bharuch of Gujarat and supplies its 2.0 mm and 2.5 mm fully tempered solar glass to the European markets.

With rising sales, the company is expanding its capacity from 450 tons



per day to 1000 tons per day by adding a third solar glass line of 550 tons per day along with processing facilities. The expansion is expected to cost about INR 600 crores.

GLASS WORLDWIDE MADE HONORARY MEMBER OF AIGMF

In recognition of decades of cooperation, Glass Worldwide was enrolled as an Honorary Member of The All India Glass Manufacturers’ Federation (AIGMF) at the virtual Executive Committee meeting held on June 25.

Glass Worldwide therefore becomes the first overseas company to become an Honorary AIGMF Member in addition to the existing other Honorary Members in India, namely CGCRI, CDGI and BHU.

Glass Worldwide already acts as preferred international journal of the AIGMF in association with Kanch and the two organisations will intensify cooperation in media and event management.

Mr. Bharat Somany, President AIGMF commented: “Glass Worldwide are our partners in progress and we consider them very much a part of us. It is always an absolute pleasure to work with them and find ways forward for the industry together”.

“Glass Worldwide is honoured to officially join the AIGMF and cement our longstanding cooperation for mutual benefit. We look forward to continuing the excellent partnership and assisting the Indian sub-continent with the best possible forum for the exchange of information, as well as keeping our global readership abreast of the latest developments from the Indian market” added Mr. Dave Fordham, Glass Worldwide Publisher.

The AIGMF website also hosts a library of over 60 articles originally published in Glass Worldwide that focus on the Indian sector: <https://aigmf.com/glass-worldwide.php>

WELCOMING PAWAN SHUKLA AT AIGMF SECRETARIAT

Mr. Pawan Kumar Shukla (right), Managing Director, Schott Glass India Pvt. Ltd., was welcomed by Secretary Vinit Kapur on his maiden visit to the AIGMF Secretariat in New Delhi on July 2. Mr. Shukla was in Delhi for discussions with Govt., and stakeholders on Schott's action plan to tackle the present Pandemic situation as well as their expansion plans for tubular vials not just for India but also for the International markets.

Discussions with AIGMF were held on the activities that may be possible for Schott to lend support in CSR and other events related to

the International Year of Glass to be celebrated in 2022.

Secretary AIGMF appreciated the role of Schott and other vial manufacturers for their relentless efforts of providing vials for Covid-19 and other life saving drugs.

TURKEY'S ŞİŞECAM TO INVEST \$310M IN GLASS FACTORY IN HUNGARY

In a bid to further boost its global expansion targets, Turkish glass manufacturer Şişecam is establishing a glass packaging factory in Hungary with an investment of 255 million euros (\$310 million).

The facility with two furnaces will have an annual net production capacity of 330,000 tons, according to a statement sent to Turkey's Public Disclosure Platform (KAP).

The first furnace will start operating in 2023, and the facility will reach full capacity by 2025.

Chairperson Dr. Ahmet Kirman said, “Europe offers great opportunities for rapid development of the glass manufacturing industry and their company.”

“The investment will meet the increasing glass packaging demand in Hungary and (other countries) in Europe,” he said.

He added that Şişecam has 10 production facilities in four countries, with an annual production capacity of 2.6 million tons.

Hungarian Minister of Foreign Affairs and Foreign Trade Peter Szijjarto and Turkish Ambassador to Budapest Ahmet Akif Oktay attended a ceremony held for

the opening of the Şişecam factory at Budapest, Hungary on June 7, 2021.

Dr. Kirman said Şişecam continued its investments despite the coronavirus pandemic, and the company's flat glass production capacity in Turkey surpassed 2 million tons.

“We plan to boost flat glass production capacity in Turkey by 25% to over 2.5 million tons by the end of 2024,” he added.

Founded in 1935, Şişecam operates in the areas of flat glass, glassware, glass packaging and chemicals, with nearly 22,000 employees in 43 plants across 14 countries. It sells its products in over 150 countries.



SUPERMARKETS BRINGING BACK GLASS MILK BOTTLES

Morrisons is trialling the return of glass bottles, which cost 90p and hold one pint of milk in seven UK stores. Supermarket shoppers can once again pick up glass bottles as part of plans to reduce CO₂ emissions.

Morrisons is the first grocer to make the change, with customers able to bring back the empty bottles on their next visit. The supermarket then collects and sanitises the containers so they can be reused — and says they can last for ten years.



Reactions from shoppers have been mixed on social media - with some praising the move, and others annoyed about the price.

One said: "Got to say, Morrisons just keeps getting better. First paper bags for veg, now glass bottles for milk, and today they were playing Blue Monday by New Order in store. Putting the others to shame."

Another tweeted: "Morrisons in the UK are bringing back glass milk bottles to reduce plastic waste. Great idea."

Morrisons says it has committed to a 50% reduction across its own-brand primary plastic packaging by 2025. Reusing glass milk bottles is an easy leap for many people to make because they remember that this was how milk used to arrive on the doorstep.

A PANORAMIC VIEW OF THE WESTERN GHATS

Now passengers of Mumbai-Pune Deccan Express can enjoy unhindered views of river, valley, and waterfalls.

On June 26, in a first, Indian Railways

restored the services of Mumbai-Pune Deccan Express with a Vistadome coach.

According to Railway Minister Piyush Goyal, on the Mumbai-Pune rail route during the monsoon season, besides the world-class facilities provided inside the train, passengers are fascinated by the natural beauty of the roads as the transparent roof and large windows of the Vistadome coach allow

them to enjoy nature to the fullest.

Wide window panes & glass rooftops of the first ever Vistadome Coach in Pune-Mumbai Deccan Express provide passengers with a unhindered, unique and unforgettable travel experience.

The Vistadome coach has big glass windows. Glass roof provides an unhindered view of the sky.

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



सेंट गोबेन राजस्थान में बढ़ाएगा निवेश

राजस्थान निवेश के लिए सर्वाधिक अनुकूल राज्य के रूप में उभर रहा है। सरकार के नीतिगत फैसलों के साथ-साथ कानून-व्यवस्था की बेहतर स्थिति, अच्छी सड़कें, ऊर्जा में आत्मनिर्भरता, पर्याप्त मात्रा में कच्चे माल की उपलब्धता, सुदृढ़ आधारभूत ढांचे के कारण दुनिया की नामी कंपनियां राजस्थान में निवेश के लिए रूचि दिखा रही हैं।

मई में मुख्यमंत्री अशोक गहलोत से हुई वीडियो कॉन्फ्रेंस के माध्यम से विश्व की प्रमुख ग्लास निर्माता कंपनी सेंट गोबेन के प्रदेश में निवेश के विस्तार के संबंध में बैठक हुई। मुख्यमंत्री ने कहा कि सेंट गोबेन जैसी प्रतिष्ठित कंपनी द्वारा राजस्थान में भिवाड़ी स्थित प्लांट में अभी तक करीब 1200 करोड़ रूपए के सफल निवेश के बाद

निवेश में विस्तार का प्रस्ताव देना यह सिद्ध करता है कि राजस्थान के प्रति अंतर्राष्ट्रीय कंपनियों में भरोसा कायम हुआ है। उन्होंने कहा कि उद्योगों के लिए एमएसएमई एक्ट, रिफ्स-2019, नई उद्योग नीति, वन स्टॉप शॉप सिस्टम जैसे नीतिगत फैसले लिए गए हैं।

मुख्यमंत्री ने निवेश में विस्तार के सेंट गोबेन के निर्णय का स्वागत करते हुए उन्हें विश्वास दिलाया है कि राज्य सरकार की ओर से उन्हें पूरा सहयोग मिलेगा।

उद्योग मंत्री श्री परसादी लाल मीणा ने कहा कि राज्य सरकार ने प्रदेश में औद्योगिक इकाइयों की स्थापना को सुगम बनाने के लिए नियमों एवं प्रक्रियाओं का सरलीकरण किया है। बड़े उद्योगों की स्थापना के प्रस्तावों को

तुरंत मंजूरी देने के लिए बोर्ड ऑफ इन्वेस्टमेंट का गठन किया गया है। बोर्ड की पहली ही बैठक में 78 हजार करोड़ रूपए के निवेश प्रस्तावों को मंजूरी दी गई है।

उद्योग राज्यमंत्री श्री अर्जुन बामनिया ने कहा कि राज्य में सेरेमिक उद्योगों की स्थापना के लिए प्रचुर मात्रा में खनिज संसाधन उपलब्ध हैं। इसका लाभ सेंट गोबेन को मिलेगा।

मुख्य सचिव श्री निरंजन आर्य ने कहा कि कोरोना के इस समय में सेंट गोबेन सहित प्रदेश के अन्य उद्योगों से कॉर्पोरेट सामाजिक उत्तरदायित्व के रूप में राज्य सरकार को अच्छा सहयोग मिल रहा है।

रीको के अध्यक्ष श्री कुलदीप रांका ने कहा कि सेंट गोबेन ग्लास निर्माण के क्षेत्र में विश्व की

प्रमुख कंपनी है। एक दशक के समय में ही निवेश के विस्तार के लिए इतनी बड़ी कंपनी का आगे आना प्रदेश के लिए सुखद है।

सेंट गोबेन इंडिया के सीईओ श्री बी संधानम ने कहा कि राजस्थान में बीते करीब 11 वर्षों का उनका अनुभव शानदार रहा है। इसी का परिणाम है कि कंपनी ने इतने कम समय में ही भिवाड़ी को करीब 1100 करोड़ रूपए के निवेश विस्तार के लिए चुना है। उन्होंने बताया कि श्री गहलोत ने

अपने पिछले कार्यकाल के समय वर्ष 2010 में भिवाड़ी प्लांट का शिलान्यास किया था। राज्य में इन्वेस्टर फ्रेंडली माहौल का ही नतीजा है कि विश्व स्तरीय कॉन्क्लेव में भिवाड़ी प्लांट को हमारा औद्योगिक समूह सफल मॉडल के रूप में प्रदर्शित करता है। इससे अंतर्राष्ट्रीय उद्यमियों के बीच राजस्थान के लिए सकारात्मक संदेश जाता है। उन्होंने मुख्यमंत्री श्री अशोक गहलोत के नेतृत्व में राजस्थान में कोविड-19 के सफल प्रबंधन

की खुलकर तारीफ की।

रीको के एमडी एवं उद्योग सचिव श्री आशुतोष एटी पेडनेकर ने बताया कि सेंट गोबेन का भिवाड़ी प्लांट कंपनी का विश्व स्तरीय प्लांट है। इस अवसर पर प्रमुख शासन सचिव, वित्त, श्री अखिल अरोरा, आयुक्त उद्योग एवं निवेश संवर्धन ब्यूरो श्रीमती अर्चना सिंह, सेंट गोबेन के ग्लास बिजनेस के एमडी श्री ए. आर. उन्नीकृष्णन सहित अन्य वरिष्ठ अधिकारी उपस्थित थे।

Do you have news to share?

Send your news and press releases to
info@aigmf.com

सूर्या रोशनी पहुंचे कोविड प्रभारी मंत्री, ऑक्सीजन के लिए दंडवत प्रणाम कर जताया आभार

ग्वालियर के अस्पतालों में अचानक आई ऑक्सीजन की किल्लत के बाद ऑक्सीजन की आपूर्ति के लिए कोविड प्रभारी प्रद्युमन सिंह तोमर और कलेक्टर कौशलेन्द्र विक्रम सिंह ने दिन रात एक कर दिया। लेकिन सभी अस्पतालों की ऑक्सीजन सप्लाई सामान्य नहीं हो पाई। इसी बीच मालनपुर स्थित सूर्या रोशनी लिमिटेड से प्रशासन ने बात की और भरोसा दिलाया कि वो अपने प्लांट से ऑक्सीजन सप्लाई उपलब्ध कराएगा। कोविड प्रभारी मंत्री प्रद्युमन सिंह तोमर सूर्या रोशनी पहुंचे और व्यवस्थाएं देखकर फैक्ट्री अफसरों को दंडवत प्रणाम किया।

ग्वालियर में ऑक्सीजन की कमी के हालात को नियंत्रित करने के लिए जिला प्रशासन के साथ साथ कोविड प्रभारी मंत्री प्रद्युमन सिंह तोमर भी जुटे हैं। कोविड प्रभारी एवं ऊर्जा मंत्री प्रद्युमन सिंह तोमर- ग्वालियर, चम्बल, अंचल के कोविड मरीजों के लिए ऑक्सीजन जुटाने हेतु मालनपुर स्थित सूर्या रोशनी लिमिटेड पहुंचकर ऑक्सीजन की व्यवस्थाओं को देखा।

कोविड प्रभारी मंत्री प्रद्युमन सिंह तोमर ने सूर्या रोशनी लिमिटेड में स्थित ऑक्सीजन रीफिलिंग प्लांट के अधिकारियों के साथ चर्चा की।

अधिकारियों द्वारा बताया गया कि सूर्या रोशनी ऑक्सीजन प्लांट में 24 घण्टे में लगभग 250 ऑक्सीजन सिलेण्डर रीफिल होंगे जिससे ग्वालियर, मुरैना, भिण्ड, श्योरपुर जिले में कोरोना मरीजों को प्राणवायु मिल सकेगी। कोविड प्रभारी मंत्री प्रद्युमन सिंह तोमर ने अपील की है कि संकट के दौर में मैं सभी संचालकों से अनुरोध करता हूँ कि अगर उनकी फैक्ट्री में ऑक्सीजन प्लांट है तो वह आगे आएँ और प्रशासन की मदद कर मरीजों के लिए ऑक्सीजन उपलब्ध कर मरीजों की जान बचाने के पुनीत कार्य में सहयोगी बनें।

ऑक्सीजन की किल्लत को देख उद्यमियों ने बांटे ऑक्सीजन कंसंट्रेटर

कोरोना काल में उद्योगपति लगातार आगे बढ़कर आये। मई के माह में फिरोजाबाद उद्यमियों ने मेडिकल कॉलेज पहुंच मरीजों के लिए ऑक्सीजन कंसंट्रेटर का वितरण किया। उनके इस कार्य की हर कोई सराहना करते नजर आया।

जिलाधिकारी चंद्रविजय सिंह के प्रयासों एवं नगर विधायक मनीष असीजा द्वारा उद्योगपतियों एवं समाजसेवियों ने कोरोना काल के दौरान ऑक्सीजन की कमी से निजात दिलाने तथा हर जरूरत की जगह पर ऑक्सीजन की उपलब्धता बनाए रखने के उद्देश्य से स्वशासी राजकीय चिकित्सालय

के आइसोलेशन वार्ड के प्रांगण में प्रमुख उद्योगपति एवं निर्यातक मुकेश बंसल टोनी ने 15 ऑक्सीजन कंसंट्रेटर सामाजिक उत्तरदायित्व के तहत जिला चिकित्सालय को प्रदान किए। नगर विधायक मनीष असीजा ने कहा कि कोरोना संकट के दौरान शहर के समाजसेवी एवं उद्योगपतियों का भी सहयोग मिल रहा है। इसके लिए जिला प्रशासन, मेडिकल कॉलेज आपस में समन्वय बनाकर बेहतर कार्य कर रहे हैं। जिलाधिकारी ने कहा कि जनपद में शहर के उद्योगपतियों का सहयोग पूर्व में भी मिलता रहा है। इनके द्वारा प्रदान किए गए

ऑक्सीजन कंसंट्रेटर बहु उपयोगी है। इनके द्वारा पांच लीटर प्रति मिनट की क्षमता से ऑक्सीजन का उत्पादन किया जाएगा। जिसे आपातकाल के दौरान मरीजों की ऑक्सीजन लेवल कम होने पर उन्हें तत्काल राहत प्रदान की जा सकेगी।

इस दौरान उद्योगपति राजेंद्र गुप्ता, गगन सचदेवा, विनीत जैन, सलभ बंसल, सरवर हुसैन, पुष्पेंद्र गोयल के अलावा प्राचार्य मेडिकल कॉलेज डा. संगीता अनेजा, आइसोलेशन वार्ड प्रभारी डॉ. आलोक सहित आदि मौजूद रहे।

4th AIGMF Glass Awards

Supported by:



In recognition of the tremendous contribution to Indian Glass Industry, The All India Glass Manufacturers' Federation (AIGMF) announces C K Somany Award for Innovation & Technology and Balkrishna Gupta Award for Exports.

C K Somany Award for Innovation and Technology will be given to an individual who has made significant contributions to the glass industry in the field or fields of manufacturing, product development, environmental factors, business performance/growth, research and development and/or science/technology.

Balkrishna Gupta Award for Exports will be given to an individual/firm by considering following factors: who have contributed towards identification or growth of new potential markets/volume of exports/reaching no. of countries or any other area showcasing valuable contribution in Glass Exports.

Winners

Year	CK Somany Award for Innovation and Technology	Balkrishna Gupta Award for Exports
2020	Dr. Mukul Chandra Paul, CSIR-CGCRI	M/s La Opala RG Ltd.
2019	Mr. B L Kheruka, Gujarat Borosil Ltd. (Now, Borosil Ltd.)	M/s Firozabad Glass Shell Industries
2018	Mr. S K Jhunjhunwala, La Opala RG Ltd.	M/s Piramal Glass Pvt. Ltd. (Now, PGP Glass Pvt. Ltd.)

Referral applications can also be submitted by Regional Associations: U.P. Glass Manufacturers' Syndicate (UPGMS)- Firozabad; South India Glass Manufacturers' Association (SIGMA)- Hyderabad; Western India Glass Manufacturers' Association (WIGMA)-Mumbai; Northern India Glass Manufacturers' Association (NIGMA)- Bahadurgarh, Haryana and Eastern India Glass Manufacturers' Association (EIGMA)- Kolkata, who may give recommendation for giving an award to a likely individual.

AIGMF may consult Banaras Hindu University (BHU-Ceramic Glass Division), CGCRI (Central Glass and Ceramic Research Institute), CCPS (Confederation of Construction Products and Services) and FOSG (Federation of Safety Glass), for identifying suitable candidates for the award.

4th Awards in these categories would be given during the Annual General Meeting on Sept 10, 2021.

The jury for the awards comprise of:

- Dr. K. Annapurna, Senior Principal Scientist, Glass Division, CSIR-Central Glass & Ceramic Research Institute (CSIR-CGCRI)
- Mr. Dave Fordham, Publisher, Glass Worldwide, London (UK)
- Mr. Sanjay Somany, Former President AIGMF and CMD HNG Industries Ltd.
- Mr. P K Kheruka, Former President AIGMF and Chairman Borosil Ltd.
- Mr. Vinit Kapur, Secretary AIGMF

Applications are invited at info@aigmf.com from within India from all those connected with the glass industry who may submit a brief write-up/CV in support of their candidature latest by August 15, 2021 ■

7TH

glasspex

GLASS PRODUCTION TECHNOLOGIES & PROCESSES

INDIA

3 - 5 March 2022

**BOOKING
OPEN
NOW!**

INDIA'S
PREMIER EXHIBITION
FOR THE GLASS
PRODUCTION

HALL NO. 2
BOMBAY EXHIBITION CENTER
GOREGAON (EAST), MUMBAI, INDIA

For more details please contact

VIVEK BOHRA

Senior Project Manager
Phone : +91 (0)124 4544 510
Mobile +91 9654393213
BohraV@md-india.com

Concurrent events



Supporting associations



Powered by

glasstec
INTERNATIONAL TRADE FAIR FOR GLASS
PRODUCTION • PROCESSING • PRODUCTS

www.glasspex.com

Organised by

M
Messe
Düsseldorf
India



The All India Glass Manufacturers' Federation
presents



1st PHOTOGRAPHY CONTEST

Theme: GLASS IN OUR LIVES

Age Group: 7-24 YEARS

Send us all the Entries at info@aigmf.com

Last Date of Submission: 31st July 2021

(International entries are welcome)

Salient Features of Glass:

- Transparent
- Permanent
- Fully Inert
- 100% Recyclable
- Adds to overall Décor
- Enables Communication
- Eco-Friendly
- Protects from Viruses



Stand a chance to win
₹20,000

First 200 entries get a specially
designed empty Glass Bottle
made out of recycled glass

- 1st Prize ₹20,000
- 2nd Prize ₹10,000
- 3rd Prize ₹5,000

Winners will be
announced on:

**INTERNATIONAL
YOUTH DAY**
12th August 2021

Best entries will be
published in:



and at: www.aigmf.com

SUPPORTED BY:



TERMS & CONDITIONS:

1. The entrant should be aged between 7-24 years
2. Only one entry per applicant in high resolution needs to be submitted with self-declaration about the ownership of the photograph
3. **All entries need to be mailed at info@aigmf.com with any Photo ID issued by Govt. (as Address and Date of Birth proof) or Passport or School/College ID, alongside email ID and contact number**
4. **AIGMF has the rights to use the submitted entry for its social media channels, events, newsletters, publications i.e., Kanch and Glass Worldwide, reports, etc.**
5. Any false information provided within the context of the contest by an entrant, concerning identity, address, telephone number, email address, ownership of photograph or non-compliance with these rules, will result in the immediate elimination of the entrant from this contest
6. **The last date to submit the entries is 31st July 2021 (Date is subject to change)**
7. **There is no entry fee for this contest**



July - September 2021 - Issue

will carry detailed coverage of the 1st Photography Contest on 'Glass in our Lives', 4th AIGMF Awards, Executive Committee & Annual General Meetings, Technical Articles, Glass News, other supported Events and more.

To book advertisement space, mail to info@aigmf.com by September 25.

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	225
Extra Inside Cover Page	9000	250
Inside Cover Page	10000	275
Back Cover Page	20000	450
Extra Folded Cover (front) Page	20000	450
Bookmark Advt. (both sides)	10000	300
Bookmark Advt. (one side)	6000	150
Centerspread (two pages)	20000	450
Half Page	5000	150

Print area for Full Page Advertisement is 21.5 x 30.5 cm
Print area for Bookmark Advertisement (one side) is 8 x 16 cm
GST as applicable.



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 E: info@aigmf.com

Member Editorial Board:

- K ANNAPURNA**
Senior Principal Scientist, Glass Division, CSIR-Central Glass & Ceramic Research Institute (CGCRI), Kolkata
- A K BANDYOPADHYAY**
Former Principal, Govt. College of Engineering & Ceramic Technology-GCECT, Kolkata
- VINAY KUMAR SINGH**
Prof. & HOD, Dept. of Ceramic, Indian Institute of Technology (Banaras Hindu University)
- K K SHARMA**
Advisor, Emerge Glass Pvt. Ltd., Kotputli, Rajasthan

Special Correspondent: PREM MALHOTRA - Glacera Engineers, Pune **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

