



# PLASTIC WORLD



AN OFFICIAL ORGAN OF ALL INDIA PLASTIC INDUSTRIES ASSOCIATION

VOL XLI

No. 9

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September, 2024

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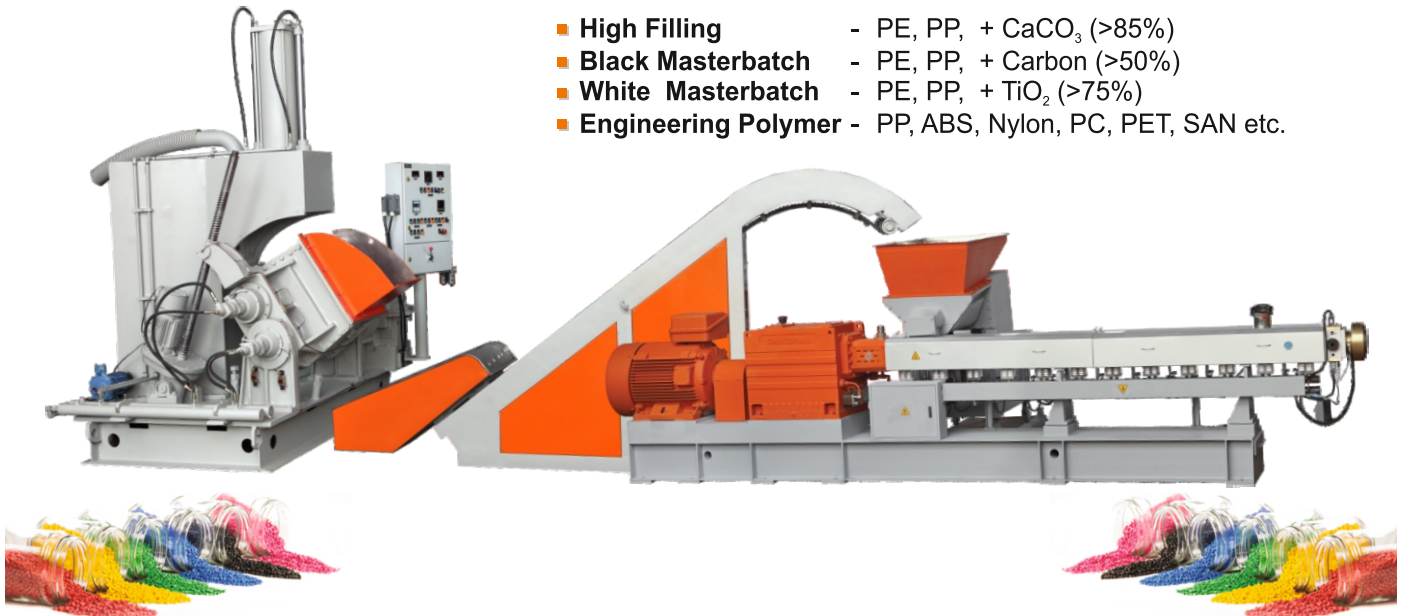
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## 42nd Annual General Body Meeting-cum-Industry Meet

**Date:** Friday, 20th September 2024

**Time:** 6:30 p.m.

**Venue:** Hotel Hyatt Centric,  
Janakpuri District Centre Complex,  
New Delhi-110054

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### Programme

- **6:00 p.m.** - Registration
- **6:30 p.m.** - AGM Proceedings
  - Welcome Address by **Shri Devinder Pal Singh** (President)
  - Approval of Minutes from the 41st AGM
  - Secretary's Report by **Shri Brijesh Bhutani** (General Secretary)
  - Approval of Audited Accounts and Budget Estimates for 2024-25 by **Shri Amrinder Singh Arora** (Treasurer)
  - Appointment of Auditors for 2024-25
  - Industry-related Issues Highlight by **Shri Ravi Kumar Aggarwal** (Patron)
  - Reports on Events/Exhibitions by **Shri Jatin Raheja** (Organizing Secretary)
  - Vote of Thanks by **Shri Rakesh Sachdeva** (Sr. Vice President)
- **7:30 p.m.** - Presentations by Sponsors
- **9:30 p.m.** - Cocktails & Dinner

---

#### **R.S.V.P.**

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**Brijesh Bhutani** - General Secretary

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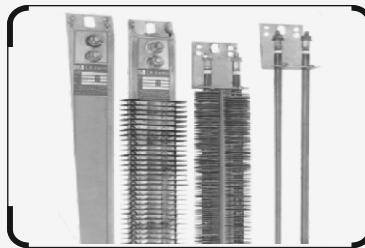
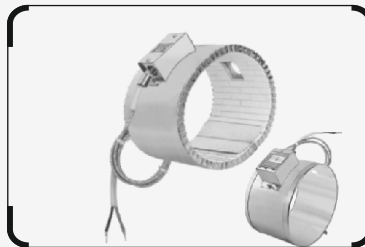
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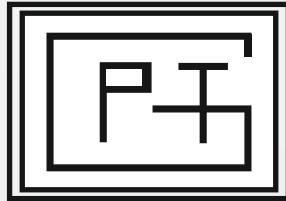
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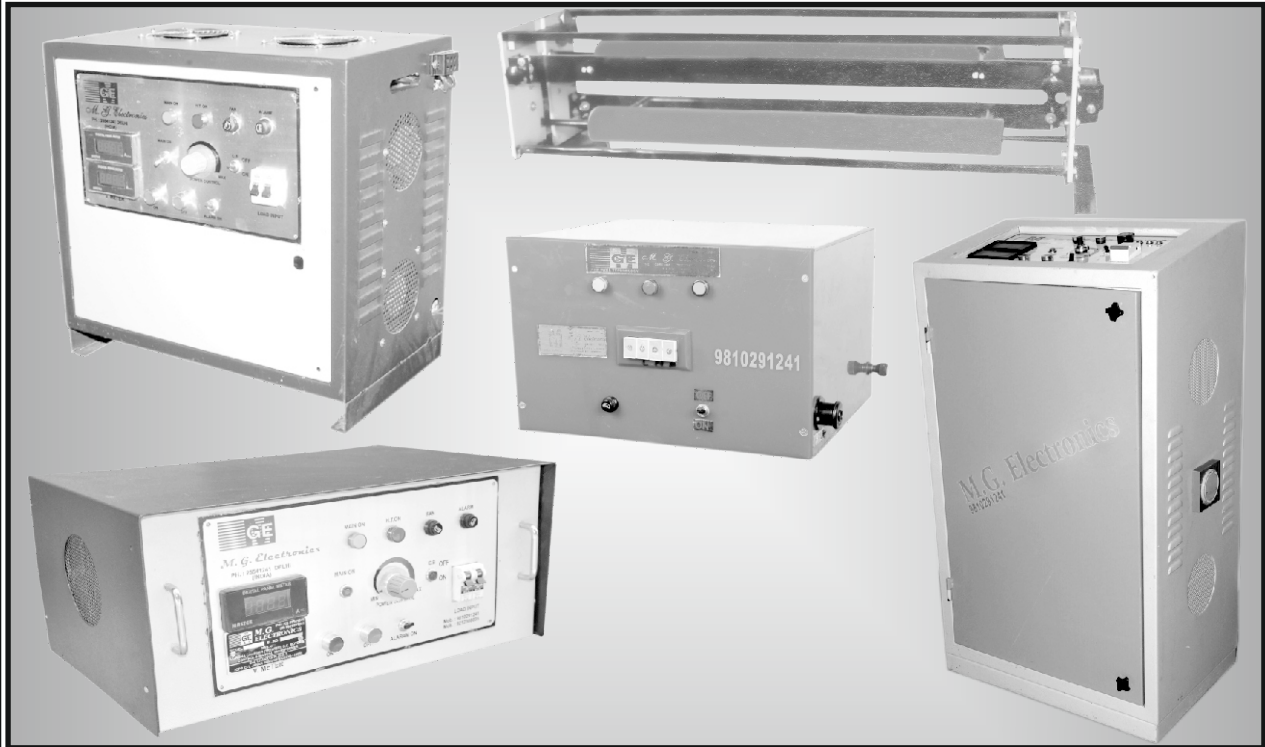
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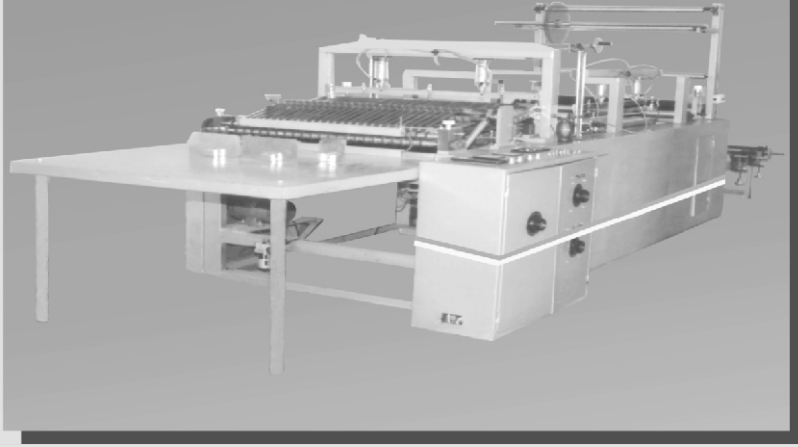
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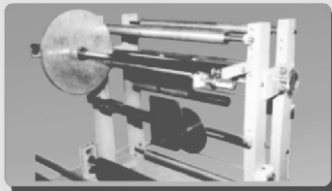
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## Plastic processing- a key segment in MSME sector

In this year's Budget Speech, the Hon'ble Finance Minister focused on job generation, skilling of youth and increasing the share of manufacturing in the GDP of our nation. MSME sector plays a very key role in fulfilling the ambition of our nation towards becoming a developed nation, VIKSIT BHARAT by the year 2047.

Finance Minister Nirmala Sitharaman coined a new acronym - 'EMPLOYMENT' - as the theme of the Union Budget 2024-25. The ten letters of the word highlight the Budget's 10 priorities, Sitharaman said while addressing a press conference.

"The theme of Budget 2024-25 is EMPLOYMENT. E for Employment and Education, M for MSMEs, P for Productivity, L for Land, O for Opportunity, Y for Youth, M for Middle Class, E for Energy Security, N for New Generation Reforms, and T for Technology," Sitharaman said.

**In the MSME sector, as pointed out many a time earlier by us, plastic processing occupies a very key position because of many reasons:**

- i. Varied capital requirement, ranging from a few lakhs to many crores.
- ii. Land requirement also varies from less than 100 sq. mtr. To acres.
- iii. To start a small unit, highly skilled personnel are not required
- iv. Power requirement also maybe as low as 25 KW and upwards

That is to say that with low investment and minimal land and power requirement and a medium skilled person, a small plastic processing unit could be set up which will not only mean self-employment but will also create multiple jobs, which is the primary aim of the Government.

Plastic processing segment of MSME could easily fulfil the job creation requirement of the government and contribute to the national exchequer by way of taxes and value creation. Such enterprises would need full support of the authorities for maintaining the quality of the product which should ideally meet international standards, i.e. being export worthy.

But ironically, there are some current policies of the government which are a stumbling block in setting up such ventures. To mention them once again:

- a. The MSME units should be absolved from submission of data also just like they have been kept out of the purview of EPR. Submission of data is by itself a big-time consuming and expensive job. The time should be spent by the unit in making quality products.
- b. Electricity is like raw material for plastic processing but unfortunately and specially in Delhi, the charges are be revised upward in an ad hoc manner. The actual charge payable by the unit is actually double the charge mentioned because of varied items and taxes added in the bill, e.g. The unit charge is Rs.8.50 whereas if you were to divide the total bill by the number of units consumed it would be almost double, i.e. Rs. 15 per unit upwards.
- c. In spite of multiple schemes for financial helping the SME unit, funds are scarcely available.

As a policy, the government is promoting the MSME sector in a big way but detailed pronouncements do not corroborate them as shown above, in fact they act as a disincentive for putting up new units. This is to request the authorities to frame such policies that the young entrepreneur himself chooses to become a job giver rather than a job seeker.

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# ASSOCIATION ACTIVITIES

**Presentation dated 2<sup>nd</sup> August 2024 was sent to the Ministry of MSME -DC Office regarding 'Reducing Compliance System: Review of Initiative for Ease of Doing Business for MSMEs'**

At the outset this is to thank you for having chosen a topic which is of utmost importance to the MSME sector and yet people are hardly aware of it. The reason is that compliances are usually difficult to follow and maintain, yet the irony is that a separate person for a separate compliance CANNOT be hired by the SME Sector because engaging another person would mean almost Rs. 20,000 per month which maybe MORE than the net profit earned by the SME unit! Therefore, the compliances under any rule or regulations should be such that the unit holder can furnish it during his day-to-day operations. Simplification of compliances is a must and this is imperative for the objective of the government in ease of doing business.

We are mentioning some of the key challenges that Micro, Small, and Medium Enterprises (MSMEs) face in adhering to the multitude of regulatory compliances required by various authorities. MSMEs are the backbone of our economy, contributing significantly to employment, innovation, and economic growth. However, the burden of complying with various laws and regulations, including but not limited to GST, pollution control, factory licenses, labour laws, BIS certification, power compliances, and sector-specific regulations, is increasingly becoming a deterrent to their growth and sustainability.

MSME sector particularly the small and micro sector should be dealt with separately as distinct from the large and medium. The simple reason is this sector neither has the intellectual nor financial infrastructure to meet/comply with many regulations that are applicable to the large and medium who can easily manage the requirements.

A sizeable percentage is still in the unorganized sector. The laws be framed such that they are incentivized to join the main stream. This sector requires handholding from the authority. The desire on the part of the authority should be to handhold them/teach them rather than penalize them or challan them. In spite of our regular attempts, certain nagging problems regarding plastic waste management still continue.

## **FOR POWER DISTRIBUTION COMPANIES:**

For SME sector and especially the plastic processing sector, electricity is like raw material. The sudden increase in electricity charges has a direct effect on its financial stability and ability to remain competitive. We have been approaching the authorities, highlighting the various charges reflected in the electricity bill apart from the electricity unit charges for consumption, there are many heads of expense which defy logic, for example,

- a. Sometime back, the power distribution companies, in an adhoc manner, doubled the fixed charges for the industrial sector from Rs. 125/- per KW to Rs. 250/- per KW. On various representations from the industry, the power distribution companies have mentioned from the law book of DERC which only the lawyer can understand. As for the industry, it was a rude shock. The fixed charges should be reverted to the earlier rate of Rs.125/- per KW for old consumers. This could be changed for new consumers who will then be aware of the cost.

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**b. Pension Trust Surcharge** on fixed charges and on energy charges. Why should the consumer pay anything on account of pension of the employees of the power distribution company?

**c. Power Purchase Cost Adjustment Charge (PPAC):** There are four different heads in it. PPCA on fixed charges, on energy charges and then differential PPCA on fixed charges and energy charges. We know that solar power is available at a very low rate and so are also alternate energy sources. We are unaware of the origin and the calculation for this head.

**d. Instead of listening to the industry, the power distribution companies have again recently announced a 9% hike in the power tariff.** This will be the proverbial last straw on the camel's back. The SME sector is even now struggling to survive.

To revive and survive the small and micro sector needs total cooperation from the power distribution companies.

**FOR MINISTRY OF ENVIRONMENT & FOREST AND CLIMATE CONTROL (MoEF&CC), CPCB & DPCC:**

In PWM Rules 2016 the authorities added new regulations regarding EPR (Extended Producers Responsibility), in an attempt to manage plastic packaging waste.

- After many representations, the authorities finally have taken the micro and small plastic processing sector out of the purview of EPR as far as payment is concerned; YET they still have to upload the details on the website. That is to say, the main time-consuming effort still remains. Uploading all the desired details on the website is a very arduous and time-consuming job and a person/s will have to be hired for the job, which as pointed out above, these small units can ill-afford it. Through your good offices we request the MoEF&CC to keep the small and micro plastic processing sector totally out of the purview of EPR regulations, even from uploading the details on the portal. This will have a very positive effect on this segment which would be a big job creator as well.
- Another reason for the above request is that even submitting the figure of how much raw material was used, is not a simple calculation. It is qualified by the fact whether any recycled material has been used, or biodegradable material has been used or have they made any supply to a brand owner or have they supplied material to any large unit etc. Therefore, it is not a mere simple calculation of a number. This is qualified by many other aspects as mentioned above. How can a small and micro plastic processing unit collect these details which have multiple ramifications and provisions including the use of recycled material. Who will supply these details to the micro & small processors?

These details as mentioned above complicate the simple mention of a figure, to such an extent that it cannot be worked out.

AND ALL THE TIME WE HAVE TO KEEP IN MIND THAT THIS REFERS TO PLASTIC PACKAGING WASTE ONLY. That is if the whole chain of raw material, manufacture, supply does not pertain to plastic packaging then the manufacturer is out of this circle.

Isn't this complicated enough?

This is why we have been requesting the authorities to keep the micro and small sector totally out of the purview of EPR. They should not be burdened for uploading their details on the portal. Only then they will have time, energy and money to focus on the QUALITY of their product, which at present they hardly do.

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## **FOR BANKS & OTHER FINANCIAL INSTITUTIONS:**

- a. Many schemes regarding cheap finance availability to MSME sector are mentioned but not advertised properly. If a micro unit directly requires finance for immediate salary/electricity payment, it is not available. The requirement for requisite papers is almost impossible to fulfill. A simpler method be devised so that the lending from the government is quick. This is not to say that it be not secured properly.
- b. Facilities for banking 24x7 must be made available to the industry especially the MSME sector. Designated branches of interested banks be there in different parts of the city to carry on banking operations round the clock throughout the year, with no holidays. This will incentivize the sector, even the unorganized to go through the regular banking channel. In fact, this would be a win win situation for any/all bank which opts for this operation. RBI to make it optional.

## **FOR DEPARTMENT OF CHEMICAL & PETROCHEMICAL, MINISTRY OF CHEMICALS & FERTILIZERS:**

Availability of plastic raw material at right prices and right time is a must for the plastic processing sector. There has been huge volatility which clearly jeopardizes the small earnings of this sector. Rates are changed at will at very short intervals, even three days. This plays havoc with the plastic processing sector. We fail to understand why are the rates, both by the private and the government units in the plastic raw material manufacturing sector simultaneously revised, upward or downward.

To control this, we request for a government regulator for plastic raw material pricing, who can keep the price stable at least for 2-4 weeks.

## **FOR THE HON'BLE LG & DELHI GOVERNMENT**

An increase in the MCD factory license renewal charges from about Rs. 5/- per HP to Rs. 50/- per HP is drastic, harsh and it harms this sector the most, as they are always under pressure for finances. It should be reversed immediately.

## **FOR BUREAU OF INDIAN STANDARDS:**

### **Burdensome Licensing Requirements for Repacking Units**

The recent amendment that mandates BIS certification even for repacking units imposes an undue burden on these businesses. The requirement is not only tough but also expensive and time-consuming. The costs associated with compliance will ultimately fall on the importer, adding another layer of financial strain on MSMEs, which already operate on narrow margins. The SME plastic processing sector wants a clarification from the BIS regarding its certification, whether it is as much applicable to virgin raw material or reprocessed or regrind material also. In that case they should have a separate HSN code to differentiate the virgin raw material from the reprocessed or a regrind material.

The complexity and frequency of many compliances demand substantial time, financial resources, and expertise, which most MSMEs lack. This often leads to unintended non-compliance, not out of negligence, but due to the sheer difficulty of navigating the regulatory landscape. As a result, many MSMEs are either forced to scale down their operations or, in extreme cases, shut down entirely, which is detrimental to the overall economic health of the nation. Our representation is a plea to reduce compliances and a request for clear and easy to follow directions/regulations which will enhance the ease of doing business for the MSME sector.

**Dear Esteemed Members,**

We are honored to invite your esteemed organization to support the upcoming **42nd Annual General Body Meeting**, scheduled for **20th September 2024** at **Hotel Hyatt Centric, Janakpuri District Centre Complex, New Delhi**. The event will conclude with a cocktail and dinner reception.

To make this event a grand success, we kindly seek the full support of all members to join us as sponsors. By sponsoring the event, you will have the opportunity to become a valuable part of our extended family and contribute to the success of this significant occasion.

We offer the following sponsorship packages:

<b>AGM SPONSORSHIP DETAILS</b>			
<b>Sl. No.</b>	<b>Kind of Sponsorship</b>	<b>Amount for Sponsorship (in Rupees)</b>	<b>Deliverables</b>
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<b>2.</b>	<b>Diamond Sponsor</b>	<b>21,000+18% GST</b>	<ul style="list-style-type: none"><li>➤ <b>Logo Visibility (Diamond Sponsor)</b></li><li>➤ <b>2 complimentary invitations</b></li><li>➤ <b>20 sponsors for video-2-minute PPT (first come first serve basis)</b></li></ul>
<b>3.</b>	<b>Gold Sponsor</b>	<b>11,000+18% GST</b>	<ul style="list-style-type: none"><li>➤ <b>Logo Visibility (under Gold Sponsorship)</b></li><li>➤ <b>1 complimentary invitation</b></li></ul>

We would be grateful if you could consider this sponsorship opportunity and confirm your interest at the earliest. This will allow us to reserve your presentation slot and ensure your company's prominence during the AGM.

Your confirmation will be highly appreciated.

Best regards,

**President, Office Bearers &  
Executive Committee Members**

For queries, please Contact at: 9810080262-(Devinder Pal Singh, President),  
9312625346 (Brijesh Bhutani, General Secretary), 9891777772 (Jatin Raheja, Org. Secy.),  
011-49064336, 8527606500 (Ms. Kavita Roy, Secy. Gen.), 9999481273 (Sh. R.K. Tripathi)  
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## **Important points discussed in the Executive Committee Meeting held on 10<sup>th</sup> August, 2024**

1. **To approve the minutes of previous Executive Committee Meetings held on 10<sup>th</sup> July, 2024.**

Minutes of the Executive Committee meeting held on 10<sup>th</sup> July, 2024 were considered and approved.
2. **Approval of the expenditure for the month of July, 2024**
  - a. **Proposal to Appoint a New Accountant**

Shri Amrinder Singh Arora, Treasurer, proposed the appointment of a new accountant for the Association. He suggested that the Association's Chartered Accountant could send one of his staff members to visit the office once every fortnight to manage the accounts. Shri Brijesh Bhutani, General Secretary, seconded this proposal and directed the Secretary General to coordinate with the CA regarding this arrangement.
  - b. **Proposal to Purchase a New Printer**

The proposal to purchase a new printer was discussed and considered.
  - c. **GST Head in Income & Expenditure Sheet**

It was agreed that the GST head should be mentioned separately in the Income & Expenditure sheet presented during the monthly meetings.

The rest of the expenses for July 2024 were approved.
3. **Discussion on Industry-Related Matters**
  - a. **MCD Factory License Renewal Fee**

It was noted that no response had been received from the office of the Hon'ble LG regarding the exorbitant increase in the MCD factory license fee. It was decided to send a reminder.
  - b. **Electricity Charges**

Shri Bhupesh Ralli highlighted that the electricity matter is crucial. The fixed charges on electricity were increased sometime back without prior intimation, which is highly objectionable. Earlier, such changes were communicated, but the recent ad hoc increases in power bills were noted with concern.
  - c. **Representation to Various Ministries**

Shri Brijesh Bhutani, Hony. General Secretary, informed that despite repeated requests, no responses were received from members regarding pressing issues concerning different ministries. However, the MSME-DC office approached industry associations regarding the 'Reducing Compliance System: Review of Initiative for Ease of Doing Business for MSMEs'. The Association sent a representation highlighting the critical issues that need to be addressed to ensure the growth and prosperity of the plastic processing industry, particularly for micro and small units.
5. **Plast Eurasia Istanbul-Turkey Exhibition**
  - a. **Update on Stall Availability**

The General Secretary updated that 4 stalls are still available, and it was agreed that a message should be sent to the AIPIA groups to inform members.
6. **AGM-cum-Industry Meet 2024**
  - a. **Finalization of Date and Venue**

The Park Hotel, Parliament Street-Connaught Place, was selected as the venue for the AGM 2024, which will be held on 20th September 2024. It could be changed due to rate consideration.

**b. Sponsorship Proposals for AGM**

It was decided that the sponsorship details, including the amount and deliverables, would remain the same as in the previous AGM.

**7. Any Other Matter for Discussion, Subject to the Chair's Approval**

**a. EPR Registration**

Shri Bhupesh Ralli informed that CPCB officials are visiting plastic processing units to check EPR Registration. He questioned why this is happening when EPR registration is already available on the portal. The CPCB's actions are creating an atmosphere of fear, negatively affecting daily operations. Shri Brijesh Bhutani suggested scheduling an appointment with the authorities as soon as possible to address these concerns.

**b. Proposal to Hold an Exhibition in 2025**

Shri Ravi Kumar Aggarwal, Patron, strongly suggested that to improve the Association's financial condition, an exhibition should be held every two years. He proposed that an exhibition must be organized in 2025. It was agreed by all present in the meeting. In this context, the suggestions should be sent to the Association's office. Shri Amrinder Singh Arora suggested holding a seminar first, but the majority decided to proceed with the exhibition. Shri Parshotam Kumar, Patron, proposed announcing this at the AGM and offering discounts on stall charges for early bookings. He also suggested approaching authorities for subsidies on stalls. It was decided to gather availability and rates from ITPO, Pragati Maidan, New Delhi, and present the details in the next monthly meeting. The agenda of that meeting will include both the AGM and the exhibition.



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## The Shift to a Circular Economy: How Smart Technology is Driving Sustainability in Retail

– By Samir Krishan Modi

The retail industry is increasingly adopting sustainable practices and circular economy models, with technology playing a crucial role in enhancing eco-friendly operations, as evidenced by the projected growth in circular economy transactions.

Sustainability has emerged as a key concern across industries. Given the retail segment's significant impact on the environment, retail players are taking a close look at their operations spanning manufacturing, packaging, logistics and waste management, among other elements.

At the global level, the importance of sustainable operations is being recognised to meet the demands of environment-friendly consumers as well as to contribute towards the creation of a greener, sustainable future. As per research by Statista, the estimated revenue generated from circular economy transactions totalled \$388B in 2022. By 2026, that number is projected to almost double to \$712B highlighting the rapid growth and acceptance towards initiatives driven by the circular. In this milieu, technology is acting as a robust enabler, promoting eco-friendly practices that facilitate the retail industry's transition towards a circular economy via more sustainable operations.

### Technology as an enabler for smart and sustainable solutions

In line with the retail industry's commitment to achieve net-zero emissions by 2050, the proliferation of technologies across the phygital landscape has enabled and aided companies across the globe to reimagine products and services and how to monitor and evaluate waste and value. Smart technology, powered by advanced analytics, artificial intelligence, and the Internet of Things (IoT), offers several innovative solutions to curb the carbon trail of retailers right from production, and packaging to consumer engagement.

With the rise in awareness about one's environment and global warming, consumers are turning to purpose-driven brands that stand for something – a mission propelled by Gen Z, millennials and other youthful cohorts who remain keen to support brands complying with ESG (environmental, sustainability and governance) metrics. An American retail survey revealed that almost 90% of Gen X consumers were ready to pay an additional 10% or more for sustainable goods while a couple of years earlier a little more than 34% seemed willing. From resale platforms to innovative packaging and product innovation, here are some of the ways in which technology has transformed the working of the retail industry.

**Refillable and Innovative Packaging Takes the Lead:** With the growing consciousness among consumers, retailers realise that sustainable operations should be practised in entirety as piecemeal efforts don't find favour with consumers who are wary of greenwashing. Consequently, brands are implementing solutions covering circular economy principles – reduce, reuse, repair, refurbish and recycle – that can trigger ground-level change. This includes the use of refillable and reusable packaging. Besides being good for retailers, these practices boost supply chain resilience and optimisation. At Colorbar Cosmetics, we believe in the convergence of smart technology and sustainability and terms like clean beauty, global manufacturing standards, confirmations with USA FDA, EU FDA, Japan FDA and Australia FDA have always been the hallmark around which the brand has been built. Delivering on the eco-consciousness promise, Colorbar has launched India's first refillable lipstick range – a sustainable, vegan matte lipstick encased

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in 100% recyclable aluminium packaging. Each lipstick that one buys helps in reducing plastic going into the landfills to what 2 pet bottles of mineral water will produce. The company is also exploring new technologies that make use of packaging made with bio-safe ingredients amongst other natural and safe ingredients.

**Sustainable Inventory Management:** By leveraging advanced technologies, retailers can analyse consumer preferences, optimise production processes, and introduce innovative solutions that minimise environmental impact. Infact, retailers can deploy smart technology to streamline and automate inventory processes, ensuring efficient inventory management. This leads to faster order fulfilment, efficient warehouse management, better lead times and the reassurance that stocks won't run out. In this way, overstocking and wastage or understocking of products are eliminated via real-time tracking and monitoring, which also lowers overall energy consumption and its allied expenses.

**Optimising Supply Chain Management:** For retailers to match and exceed customer expectations, supply chain optimisation is vital. A recent research by the Harvard Business Review highlighted a litany of unsustainable supply chain issues that pop-up, including non-existent green management systems and high staff turnover as businesses decide to go green paving the way for supply chain digitisation. Hence, retailers can now deploy smart technology to streamline and automate inventory processes, ensuring efficient inventory management. Data-driven dashboards can now pull together metrics from every stage of a product's journey and highlight eco-issues along the way, guaranteeing an item's environmental provenance by the time it reaches the buyer. Additionally, retailers are switching to technology-driven solutions that facilitate the implementation of effective reverse logistics processes which involve the efficient handling of product returns, recycling, and product recovery. For example, RFID (Radio Frequency Identification) technology enables efficient product tracking and sorting during the return process. This technology provides retailers with valuable information about returned products, allowing them to make informed decisions regarding refurbishment, resale, or recycling.

**Streamlining Transition Through Blockchain Integration:** Another crucial element is the role of blockchain in allowing greater traceability and transparency to drive more eco-friendly practices. With blockchain, retailers can track, monitor and authenticate the origins of all products. This ascertains that products are organic or sourced ethically, thereby lowering the environmental footprint of unsustainable practices. Blockchain benefits also assist in combating counterfeit goods and help retailers choose suppliers using eco-friendly manufacturing practices.

As smart tools revolutionise the global retail industry, brands must invest in sustainable practices and innovative technologies to create a greener, more sustainable future. By leveraging the power of smart technology, brands can lead the way in ensuring environmental sustainability while simultaneously inspiring a positive transformation in consumer trends and behaviour to meet their net-zero targets.

*(Source: The Business Standard; 28<sup>th</sup> August, 2024)*

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## **News Concerning Plastics**

### **Compulsory ban on polythene bags**

The Ministry of Environment, Forest and Climate Change has notified the Plastic Waste Management Amendment Rules, 2021, on 12th August 2021, prohibiting identified single use plastic items, which have low utility and high littering potential, with effect from 1<sup>st</sup> July 2022. The manufacture, import, stocking, distribution, sale and use of plastic carry bags having thickness less than thickness of one hundred and twenty microns is also prohibited with effect from 31<sup>st</sup> December, 2022. Non-woven plastic carry bags of less than 60 gram per sqm (GSM) are also prohibited from 30<sup>th</sup> September 2021. Further, over and above the Plastic Waste Management Rules, 2016, as amended, States/UTs have issued notifications/orders to introduce regulations pertaining to complete or partial ban on plastic carry bags and/or identified single-use plastic items. The details are annexed.

The following steps have been taken to strengthen implementation of Plastic Waste Management Rules, 2016 and to implement ban on identified single use plastic items:

- (i) All thirty-six States/UTs have constituted the Special Task Force under the chairpersonship of the Chief Secretary / Administrator for elimination of identified single use plastic items and effective plastic waste management. A National Level Taskforce has also been constituted by the Ministry for taking coordinated efforts to eliminate identified single use plastic items and effective implementation of Plastic Waste Management Rules, 2016.
- (ii) Directions under Section 5 of the Environment (Protection) Act, 1986 have already been issued to plastic raw material manufacturers for not supplying raw material for manufacture of banned single use plastic items and plastic carry bags having thickness less than thickness of one hundred and twenty microns.
- (iii) For effective monitoring of ban on identified single use plastic items and plastic waste management the following online platforms are in operation (a) National Dashboard on for monitoring of comprehensive action plan implementation, (b) CPCB Monitoring Module for Compliance on Elimination of Single Use Plastic, and (c) CPCB Grievance Redressal App.
- (iv) Pan India enforcement campaigns have been undertaken for implementation of ban on identified single use plastic items since July 2022 by CPCB, SPCBs/PCCs and local authorities. As per available information, during enforcement campaigns, a total of 853832 inspections have been carried out, of which violations were detected in 344689 cases, approximately fine of Rs. 19,05,13,471/- was imposed and 19,49,535 kg. of plastic was seized.
- (v) States and Union Territories have been asked to undertake regular enforcement drives to implement ban on identified single use plastic items and on plastic carry bags having thickness less than one hundred twenty microns covering fruit and vegetable markets, wholesale markets, local markets, flower vendors, units manufacturing plastic carry bags etc.
- (vi) The Departments of Science and Technology and Biotechnology support research projects for alternatives to banned single-use plastic items, as per scheme guidelines. The Ministry of Micro, Small and Medium Enterprises has schemes to provide support to MSME units, which include support to such units which were earlier involved in manufacturing of banned single use plastic items for switching over to alternatives / other products.

**Notification for banning manufacture, use, sale import and handling of Plastic carry bags/items  
(Based on the data available in Annual reports submitted by SPCBs/PCCs)**

S.No	Name of State/UT	Complete or Partial Ban	Executive order Date and No.	Remarks
1	Andaman & Nicobar Islands	Complete ban	Date: 02.08.2010 Notification No.: 202	Complete ban on manufacture, store, import, distribution, transportation, recycle, sell & use of plastic carrybags.
2	Andhra Pradesh		Not available	Certain Urban Local Bodies like Tadipatri, Vijayawada, Tirupati & Bobbili have put Ban on Plastic carry bags irrespective of their thickness. All local bodies have taken stand on ban on their own.
3	Arunachal Pradesh	Partial ban	Date: 16.07.2019 Notification No.: FOR.129/E(A)/2019/1271 3-60	Complete ban on manufacture, store, stock, sale of plastic <50 microns.
4	Assam		Notification not available	
5	Bihar	Complete ban	Date: 24.10.2018 Notifications No. 943 (urban) Dated 11.12.2018 Notification 1043	Complete ban on manufacture, store, import, distribution, transportation, recycle, sell & use of plastic carrybags (irrespective Of thickness)
6	Chandigarh	Complete ban	Notification No. ED/2019/1648 Dated 27.09.2019	Complete ban on manufacture, storage, import, sale, use transportation & disposal of plastic items
7	Chhattisgarh	Complete ban	Notification F 5-7/18/2011 dated 24.12.2014 (Gazette) Date: 27-09-2017 Notification No.: क्रमांक एफ 05- 88/2014/32	Complete ban on manufacture, store, import, transportation, recycle, sell & use of polythene/ plastic carrybags. Further for banned short life PVC and chlorinated plastic
8	Daman Diu & Dadra Nagar Haveli	Complete ban	Notification No. PCC/DMN/PLASTIC Bags/12-13/473 Dated 24.01.2014	Forbidding the use, sale/ storage of all kinds of plastic bags
9	Delhi		Information not available	No executive order additional to PWM Rules have been issued
10	Goa	Complete ban	Amendment bill The Goa non-biodegradable garbage Dated :08.08.2019	Government imposed ban on Manufacture, stock, import, transportation, recycle, sale & use of plastic (carrybags, cups, forks, paper plates, spoons) And other non-biodegradable items.
11	Gujarat		Notification No: V1,1 (14/Env-10- 2008-2100-E Dated 25th June, 2011	
12	Haryana	Complete ban	Date: 20 Aug, 2013	Complete ban on manufacture, stock, import, transportation, recycle, sell & use of plastic carrybags,
13	Himachal Pradesh	Complete Ban		Complete ban on use of Carrybags (irrespective of size), polythene, non- biodegradable material, disposable plastic cups, plates, and glasses

14	Jammu & Kashmir	Partial ban	Notification: SRO-45 of 2017 dated :03.02.2017	Partial ban on Polyethene carry bags of thickness below 50 microns
15	Jharkhand	Complete Ban	Notification no 3/Praya Pradu- 52/2007- 3900 Dated 15.09.2017	Complete ban on manufacture, import, storage, transport, sell and usage of plastic carrybags in the whole State
16	Karnataka	Complete ban	Date: 11-03-2016 Notification No.: FEE 17EPC 2012, Bengalru	State government banned the plastic banners, buntings, carrybags (plastic & compostable), cups, cling films, flex, flags, plates, spoons & sheets made of plastic or Thermocol and microbeads usage in the entire state
17	Kerala	Complete ban	Notification No.: G.O.(Ms)No.6/2019 Envdated 27-11-2019 G.O.(M/s) No. 2/2020/ ENVTdated 27-01-2020 GOno. GO(Ms) No. 4/2020 Envtdated 16-02-2020	Complete ban on Single use plastic And plastic carrybags (plastic and compostable )
18	Lakshadweep	Complete ban	Date: 25.01.2019 Notification No.: F.No.66/33/2019	Complete ban on Single use plastic includes: Plastic carrybags of all thickness, plastic coated carry bags, plastic flags, plastic sheets/films used for wrapping, plastic sheets used as dining table covers, thermocol cups and plates, plastic coated paper cups and plates, plastic teacups, plastic tumblers, plastic teacups, water pouches/packets/PET plastic water bottles, straws,
19	Madhya Pradesh	Complete ban	Notification : F5-2-2015-18-5 Dated :24.05.2017	Production, Storage, Transportation, sale & use of plastic carrybags.
20	Maharashtra	Complete Ban	No Plastic- 2018/C.R.24/TC-4 Notification, dated 23.3.2018 and amendment dated 11.4.2018, 30.6.2018 & 14.06.2019	complete ban on certain plastic products like i) plastic bags with or without handle irrespective of size and thickness, single use disposable items like cups, plates, straws, spoons etc, Nonwoven Polypropylene bags through Maharashtra Plastic and Thermocol Products (Manufacture, Usage, Sale, Transport, Handling and Storage)
21	Manipur	Complete ban	Date: 12-09-2017 Notification No.: 56/38/99- for&Envtd	Complete ban on use, store & sale of plastic carrybags
22	Meghalaya	Partial ban	Date: 16-02-2017 Notification No. MPCB/TB- 144(B)/2016-2017/79	Use and sale of plastic bags less than 50 microns has been prohibited and public notice has been issued
23	Mizoram	Partial ban	With effect from : 01.08.2019 by Aizal municipal corporation	Complete ban on plastic carry bags below 50 microns
24	Nagaland	Partial ban	Date: 29th Nov, 2018 Notification No.: UDD/7-GEN/07-PWM/2018	Complete ban on single use plastic less than 50 microns,
25	Odisha	Complete ban	Notification Order No. 18441, Dt. 30.09.2019	Polythene carry bags thickness of any shape and size has been banned in all Municipal limits in the State. Govt. of Odisha. Further in the said order State has been prohibited (use polythene sheets of less than 50 micron thickness for storing, transporting, dispensing or packaging of any articles, commodity or food items)

26	Puducherry	Complete ban	Not Available	total ban on single use plastics with effect from 02.08.2019.
27	Punjab	Complete ban	Notification no 5/18/2016-41g4/692717/1 dated 18.02.2016 S.O.438/P.A. 9/1994/S30/2016 dated 29.03.2016	Complete ban on Manufacture, stock, distribute, recycle, sale & use of plastic carrybags.
28	Rajasthan	Complete ban	Notification dated : 21.07.2010	Complete ban on use, store & sale of plastic carry bags
29	Sikkim	Complete ban	Notification No.: GOS/UD&HD97-98/6(85) Date: 04-06-1998	Complete ban on sale & use, storage of plastic carry bags
30	Tamil Nadu	Complete Ban	Date: 25.06.2018 Notification No.: G.O. (Ms). No.84 dated 25.06.2018	Complete ban on manufacture, sell, use, storage, Transportation and distribution of "Single- use plastics" i.e. plastic carrybags, flags, sheets using for food wrapping, straws, tea cups, tumblers, water packets & pouches
31	Telangana	Not Banned		Not Banned
32	Tripura	Complete ban	Notification no: F.B(30)/DSTE/ENV/Pt-II//1679-97 dated 10.03.2015	Complete ban on Sell, use, storage, Transportation & import of plastic carrybags (including polypropylene, non- woven fabric type)plastic tube to pack or cover any book including magazine &invitation/greeting cards.
33	Uttar Pradesh	Complete ban	Date: 15-07-2018 Notification No. 1056/9-7-18- 29 (Lucknow)/18	Manufacture, Sell, use, Storage, Transportation & import of plastic carrybags of thickness 50 microns and cups, bowl, container, tumblers, glasses &plates etc made of plastic or thermocol
34	Uttarakhand	Complete Ban	Date: 25.01.2017 Notification No. 88/x-3-17- 13(11)/2001	Manufacture, Sell, use, Storage, Transportation & import of plastic carrybags, cups, bowl, container, tumblers, glasses & plates etc made of plastic or thermocol
35	West Bengal		Not available	Restricted use & sale of plastic carry bags in ecologically fragile areas and in certain heritage & tourist spots

This information was given by the Minister of State for Environment, Forest and Climate Change, Shri Kirti Vardhan Singh in a written reply in the Rajya Sabha on 25<sup>th</sup> July, 2024.

(Source: MoEFCC 25 JUL 2024)

## Plastic mess: On India's waste problem

### *More efforts must be made to curb production and promote alternatives*

India, like other large economies, faces a significant plastic waste problem. According to a 2020-21 report by the Central Pollution Control Board (CPCB), four million tonnes of plastic waste are generated annually. Unfortunately, only a quarter of this waste is recycled or treated, with the rest ending up in landfills or being disposed of unsustainably. Since 2016, the Plastic Waste Management Rules have mandated that users of plastics are responsible for collecting and recycling their waste. These requirements, or the Extended Producer Responsibility (EPR) rules, were initially voluntary but are now enforced through an online EPR trading platform. The EPR system involves packagers, importers, and large industrial users of plastic packaging, as well as professional recyclers, registering with the CPCB. Recyclers, who have networks to collect plastic waste, recycle the waste and receive validated certificates for each tonne recycled. These certificates can be uploaded to a dedicated CPCB portal and purchased by plastic packaging companies that fall short of their annual recycling targets. In 2022-

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23, the CPCB estimated that certificates for nearly 3.7 million tonnes of recycled plastic were generated. However, it was discovered that not all of these certificates were legitimate — there were approximately 6,00,000 fraudulent certificates. Additionally, hackers reportedly stole several thousand certificates last year and sold them to companies. A criminal investigation is ongoing, and it remains unclear how much of the claimed 3.7 million tonnes was genuinely recycled.

In response, the CPCB has taken two significant actions. First, it commissioned an audit of nearly 800 firms, representing almost a fourth of the 2,300 registered recyclers who had traded certificates. Second, it undertook a comprehensive overhaul of the security features on the EPR trading platform, although this has delayed the process of filing returns for 2023-24 by several months. The CPCB has described these problems as “teething issues” associated with implementing a large-scale electronic system. While the audit is necessary, it should be a one-time initiative to avoid undermining trust in the system with annual, lengthy investigations. Although the CPCB has the authority to impose heavy fines, the process is lengthy and fraught with legal challenges. A market-driven approach to solving plastic waste has a significant but limited effects greater efforts must be made to curb plastic production and promote sustainable alternatives. Addressing the root causes of plastic waste and enhancing the effectiveness of recycling systems are crucial in mitigation India’s plastic waste problem.

(Source: *The Hindu*; 29<sup>th</sup> July, 2024)

### **Industry must play a bigger role in making India a global chemical manufacturing hub, says B Narayan, Group President, Reliance Industries**

*B Narayan, Group President, Reliance Industries Limited is highly optimistic about India’s growth story and the role of chemical industry in achieving the desired growth*

India has the mindset and talent availability but there is a need of an entrepreneurial spirit, environment compliance, focus on customer service and quality. We have to ensure the timely project implementation, vertical integration, cost competitiveness and build a culture of innovation, stated B. Narayan, Group President, Reliance Industries Limited while sharing his thoughts at the recently concluded 4th Edition of NextGen Chemical and Petrochemical Summit 2024 organized by the Indian Chemical News in Mumbai.

Narayan believes that India’s opportunity lies in artificial intelligence, sustainability, bio-based products, biotechnology, low emission products and processes, and electrochemistry among others.

Outlining the importance of emulating China in terms of scaling up of its manufacturing at the inaugural session, ‘Making India a Global Manufacturing Hub: Opportunities & Challenges’, Narayan said: “During 17th century, China and India had almost similar contributions to the world economy, each contributing about 25% and post industrialization the economies of both countries diminished. While after 1980 China took off, India started crawling or probably stayed at one place. We are at about US \$200 billion and the sector is going to grow to about \$850 billion by 2040. The manufacturing sector of India is about 520 billion and the contribution of chemical sector is about 30% as against the Chinese manufacturing sector size which is nine times. China with its scale, new technology, R&D, speed of action, infrastructure, support system and strong position in the global supply chain. We must learn from it how to build a strong manufacturing set up. The 30% of our consumption is met by importing products including methanol, acetic acid, styrene, polycarbonate and even PVC. Some of these are the building blocks that we are importing. If we invest in these plants there is definitely an advantage and actually it is a step towards becoming a manufacturing hub.”

“China now being isolated by the West to some extent but we have to actually watch out for two other countries which are Vietnam and Mexico, both countries are leap frogging and whatever they are going to produce is going to be export oriented. Comparatively India’s economy is primarily based on consumption and less on export but fortunately Indian government’s motive today is to make in India, make for India and the world. We certainly have a tremendous scope for us to grow and take advantage of incentives and schemes like PLI in certain areas like textiles, green hydrogen and few other areas. The industry too has to play a bigger role. We have to work on downstream side such as anode active materials for the battery chemicals. There are some players such as Reliance getting into battery manufacturing business and naturally on the downstream side of the batteries and user side of the automobiles,” Narayan added further.

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Speaking on the India's strength areas, Narayan opined: "In India, we are good at building big plants and pretty much good at maintaining safety in our operating plants and environment compliance. We have customer service minded people and we have been extremely competitive and the capital cost wise probably is about 20 to 30% cheaper. The advantages in India include English language and good legal system because the foreign investors are interested in these two factors and the intellectual property (IP) protection is fairly well managed and then we have a large pool of talent coming out of the universities every year who can be trained to make them employable in the chemical sector."

Emphasizing on the need for investing into new technologies, Narayan said, "The innovation mindset is necessary and as an example we have nano urea in use for some time now. A 45 mL of nano urea is equivalent to about 45 kg of normal urea. Such innovative products coming into the market is a good sign. India has about 5,300 companies listed on Bombay Stock Exchange and 2,200 on National Stock Exchange as compared to 2,800 companies registered in New York Stock Exchange and 3,300 in NASDAQ. The difference itself shows the entrepreneurship available in the country and the chemical sector has adapted to the change very well."

On the need for incorporating artificial intelligence and sustainability, Narayan said, "We must incorporate AI in our manufacturing and also look at the sustainability aspect of it. There are products which are sustainable and are looking at the hydrogen economy. The products emanating from the building block of green hydrogen are produced purely by using green power that is solar or wind power or maybe alternative power. There is definitely a pressure on maintaining the emission levels and efficiency in manufacturing and all these factors have to be taken into account if you want to be competitive in the international marketplace. The big players are developing the new catalyst and high throughput catalyst screening systems. We need to take this as an opportunity."

"About 100 million tonnes of products are produced globally through the electrochemical process and there is going to be a scope for the chemicals produced through that process. In that direction, the hydrogen economy is going to play a big role and if we make green hydrogen, we can have the derivatives such as green methanol, green ammonia, and green urea. There is also scope for hydrogen recycling of the polymer and plastics. There are processes being developed and at pretty nascent stage yet but there are areas where we are going to be big players, be it polymer production and polymer capacity. At the same time, we need to also handle the used polymers well to capture the potential," concluded Narayan.

*(Source: ICN Bureau 22<sup>nd</sup> August, 2024)*

### **UK trade body opens review into 13% import duty on PET plastics from India**

The UK's Trade Remedies Authority (TRA) has initiated a transition anti-subsidy review of a countervailing measure on imports of polyethylene terephthalate (PET) plastics from India, to assess whether the nearly 13 per cent duties should continue to be applied.

TRA, an independent arm's length body of the government's Department for Business and Trade, will consider whether the importation of the subsidised goods subject to review would be likely to continue or recur if the countervailing amount were no longer applied to those goods.

It will also consider whether injury to the UK industry in the relevant goods would be likely to continue or recur if the countervailing amount were no longer applied to those goods.

Countervailing measures are the UK's one of three trade policy tools to counter imports which are "causing or threatening injury" to domestic industry, the other two being anti-dumping and safeguard measures.

Countervailing, or counteracting, measures address imported goods which are being subsidised by foreign governments.

PET is a type of plastic that is used to produce beverage bottles, make packaging for food products, and is used in textiles like clothing fabrics. In 2023, total imports of PET were worth over GBP 200 million, notes the TRA.

*(Source: The Business Standard)*

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## International News

### Study claims basic polymers can be recycled up to 10 times

Scientists conducting the study used extrusion, granulation and grinding to simulate the recycling of polymers including HDPE, PP and PVC, among others.

The Moscow-based Russian Chemists Union and the Chemical Industry Development Aid Fund have completed a large-scale study at Rosbiotech University centered on the quality of repeatedly recycled polymers. The study claims that after being recycled as many as 10 times, these materials retain operational properties comparable to those of primary polymers.

Scientists involved in the study used extrusion, granulation and grinding to simulate the recycling of basic polymers. To assess the quality of the materials, they used criteria comprising six indicators: molecular weight, breaking stress, relative elongation at break, oxygen-containing groups, yellowing and melt flow.

Scientists say the study shows that high-density polyethylene (HDPE) and polyvinyl chloride (PVC) retain their operational properties after being recycled 10 times; low-density polyethylene (LDPE) nine times; polypropylene (PP) eight times; and polystyrene (PS) five times.

The researchers say results were obtained without using stabilizers—additives that protect polymers from degradation, adding that the study confirmed that polymers offer “excellent potential for use in a circular economy.”

The Russian Chemists Union shared its findings with the Russian government. The group has proposed developing a methodology for recycling basic polymers and identifying areas where they could possibly be used, saying “advances in recycling will help reduce the environmental fees that polymer processors will have to pay in the future.”

*(Source: Recycle Today; 5 Aug, 2024)*

### Alliance to End Plastic Waste cities ‘significant progress’ in 2023

In an annual report to its stakeholders, Singapore-based group says it helped divert and recycle nearly 120,000 metric tons of plastic last year.

The Singapore-based Alliance to End Plastic Waste, in an annual report to its stakeholders, says it has helped divert nearly 120,000 metric tons of discarded plastic away from the environment and extracted value from nearly 130,000 metric tons of plastic, largely through recycling, since its creation in 2019.

That summary from Alliance President and CEO Jacob Duer also refers to 2023 as “a year of significant progress supported by the continued evolution of the Alliance’s approach to ending plastic waste.”

Letters from Duer and Jim Fitterling, CEO of Dow and board chair of the Alliance, start out the 35-page report. In his remarks, Fitterling says the Alliance “has established itself as an incubator and laboratory for innovative solutions to address plastic pollution.

Since being established in 2019, the Alliance has supported more than 80 projects across the world, with 52 projects active globally as of the end of 2023, with 21 of them in Southeast or South Asia and another 12 in sub-Saharan Africa.

“When selecting projects, we look for opportunities to fill crucial gaps in research, waste management or recycling that will give a boost in their local or regional context,” the Alliance says.

“The Alliance to End Plastic Waste’s unique operating model gives us the flexibility to experiment and develop untested ideas. That is crucial to advancing solutions that enable plastic circularity and reduce unmanaged waste

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because we can de-risk promising ideas that can then be scaled and replicated. The projects we support are carefully chosen with that in mind.”

In Durban, South Africa, the Alliance says a project it is funding there has collected more than 17,500 metric tons of discarded plastic and has been able to mechanically recycle more than 15,800 metric tons of that total.

Similar projects have collected smaller totals—with room to grow, according to the Alliance—in Rio de Janeiro, Brazil; Nairobi, Kenya; Hanoi and Ho Chi Minh City, Vietnam; and five cities in India.

Several Alliance-funded projects in those cities and others have focused on improving work conditions and compensation for “waste pickers” or informal collectors of material who often provide the necessary first steps of collection and diversion in the wider plastic recycling process.

*(Source: Recycling Today; August 5, 2024)*

## **Borealis ties into carbon dioxide-to-plastics technology**

European plastics and packaging producer says it will use collected and converted carbon dioxide made by California-based Infinium as polymers ingredient.

Austria-based Borealis AG and Sacramento, California-based Infinium have entered into an agreement to invest in the production of low-carbon-footprint plastics generated from CO<sub>2</sub> emissions to create polyolefin plastics, which are commonly used in manufacturing consumer goods including packaging, appliances, apparel and medical devices.

“Many people aren’t aware that countless plastics products we use every day come from fossil-based components,” Infinium CEO Robert Schuetzle says. “With Infinium eNaphtha, Borealis will create plastics with an ultra-low carbon footprint for customers and end consumers seeking more sustainable, environmentally friendly alternatives.”

Infinium is a supplier of commercial volumes of eNaphtha, which it says is a sustainable drop-in alternative to traditional fossil-based naphtha. The company says it is helping to decarbonize plastics production and reduce CO<sub>2</sub> emissions globally. Infinium’s eNaphtha is manufactured at its Project Pathfinder facility in Corpus Christi, Texas.

Commercial eNaphtha volumes are being shipped to Borealis’ Porvoo facility in Finland, which the companies say provides advanced and sustainable polyolefin solutions to its manufacturing customers.

The two firms say the world’s first commercial eNaphtha shipment left the United States in May. Plastics made from Infinium eNaphtha can be produced using the same facilities and manufacturing equipment and recycled in the same way as with a conventional naphtha-based product, they add.

“eNaphtha produced at the Infinium Pathfinder facility has received International Sustainability and Carbon Certification (ISCC) Plus certification from that ISCC body,” Borealis says, ensuring the traceability of the sustainably produced feedstock from its point of origin throughout the entire chain of custody.

“We are excited to be using Infinium eNaphtha to expand our portfolio of sustainable products,” says Mirjam Mayer, vice president at Borealis. Atmospheric carbon is a strategic element of the Borealis Circular Cascade approach to foster the transition toward greater circularity in plastics and carbon. It allows us to serve the needs of our customers while reducing their carbon footprints.

“Through this collaboration with Infinium, we show that atmospheric carbon, obtained by effectively capturing and storing carbon emissions in products during their lifetime, can constitute a circular building block for the future. This is one of the ways that Borealis is reinventing essentials for sustainable living.”

*(Source: Recycling Today; 20-08-2024)*

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## **Making the global plastics treaty work for micro-, small-, and medium-sized enterprises (MSMEs)**

A legally binding UN treaty with global rules is needed to end plastic pollution. By design, it must transform the plastics industry and drive change across the plastic packaging value chain, from major multinationals to Micro-, Small-, and Medium-sized Enterprises (MSMEs).

MSMEs are crucial to the success of a Global Plastics Treaty as they are engines of innovation in many sections of the plastics industry, and represent 90% of businesses worldwide.

Yet, the specific implications of ambitious global rules in the plastics treaty are, to date, less understood for MSMEs.

That is why the Ellen MacArthur Foundation, in partnership with WWF, commissioned a study that assesses the impact of an ambitious, effective and legally binding global plastics treaty on MSMEs across the plastic packaging value chain. It is intended as a first exploration and while it provides useful insights, we welcome further research and investigation into this area.

The study shows that policymakers can be confident that there is broad support among MSMEs for an ambitious and legally binding plastics treaty.

It also found that global rules can unlock significant opportunities and benefits across the MSME landscape, if implemented effectively and fairly in the plastics treaty.

To ensure that MSMEs harness the expected benefits over time, the treaty should establish specific policy measures that support MSMEs in managing the transition, such as differentiated implementation timelines and dedicated financing for MSMEs.

*(Source: Ellen MacArthur Foundation)*

## **US Plastics Pact report details plans to eliminate ‘problematic’ plastics by 2030**

*The updated report comes on the heels of the U.S. government’s position shift toward supporting global plastics targets.*

The U.S. Plastics Pact, Pittsburgh, has released an updated report detailing its ongoing, accelerated action to eliminate “problematic and unnecessary materials” from the plastics value chain.

The report comes at a critical time, as the U.S. government recently has shifted its position to support global targets that limit virgin plastic production, aligning with the U.S. Pact’s mission to advance a circular economy.

The organization says the report underscores the urgency and shared responsibility to shift to readily reusable, recyclable or compostable materials to achieve a circular economy. It also provides a path for addressing design challenges such as contaminants, for example, enabling advancements in circular package design, increasing recovery opportunities and enhancing the quality of recycled content.

### **Sustainable packaging objectives**

The U.S. Pact has prioritized the removal of materials that hinder recyclability and compostability. It adds that this strategic focus aligns with the industry’s goal of reducing plastic packaging’s environmental and human health impacts while enhancing the quality of recycled content available for future packaging needs.

“This report furthers our mission to support our member-Activators in achieving their objectives by providing clear, actionable guidance on eliminating materials that do not align with a circular economy,” U.S. Pact CEO

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Jonathan Quinn says. “The report also exists to encourage increased engagement and innovation from companies throughout the plastics value chain, in hopes not merely to eliminate materials, but to discover potential new pathways to their circularity.”

While the 11 items on the previous report are expected to be eliminated by 2025, the updated report highlights additional problematic and unnecessary materials to be eliminated or redesigned by 2030 and supports the development of policies that incentivize reuse, recycling and postconsumer recycled (PCR) content in packaging. Key materials identified for elimination include:

- **Noncompostable produce stickers:** Targeted for elimination by 2030, the organization says these stickers are being replaced by compostable alternatives, aligning with industry efforts to reduce compost contamination and compost more food scrap.
- **Multimaterial plastic packaging:** The U.S. Pact says innovations in packaging design and modernized manufacturing infrastructure are crucial for phasing out these materials by 2030.
- **Degradability additives:** The U.S. Pact says these additives have been shown to disrupt recycling and composting processes. Oxo-degradable additives are set for elimination by 2025, and all other degradability additives are set for elimination by 2030.

In addition to the report, U.S. Plastics Pact Activators have developed a new evaluation list of materials identified for future evaluation. Items on the list don’t have a clear path to circularity, the U.S. Pact says, but for a variety of reasons such as impact to carbon footprint of an item or lack of viable alternatives for a necessary material, elimination may not be the appropriate recommendation.

For these materials, the organization says key actions and needs for innovation are identified that will enable circularity if the necessary steps are taken across the value chain. The list brings additional transparency for all stakeholders, providing a line of sight to ongoing focus areas.

“The updated problematic and unnecessary materials report builds upon the original report and will guide the development of truly circular plastic packaging,” Quinn says. “This advances our efforts to create a robust framework for sustainable packaging practices across the nation. Eliminating materials that hinder the recycling or composting stream is a crucial step toward opening pathways to circularity.”

### **Practical applications, future steps**

The U.S. Pact’s targets explicitly call for the development of policies at all levels of government that support reuse, recycling, composting and the incorporation of PCR content in packaging. The organization says it also provides effective guidance and resources to assist companies in the transition to more sustainable materials.

By offering practical support and resources, such as design guidelines, technical training and innovation workshops, the organization says it empowers stakeholders to make meaningful changes within their organizations so that eliminating problematic materials is not just aspirational, but achievable. Earlier this month, the U.S. Pact released three reports designed to guide the lifecycle of reusable, recyclable and compostable plastic packaging in the U.S.

As the U.S. Pact continues to drive the transition toward a circular economy, it says its updated report is a testament to the collective efforts of more than 100 businesses, organizations and government agencies.

“With clear, direct communication and a focus on practical application, the U.S. Plastics Pact invites all stakeholders to join these efforts to build a more sustainable future,” the organization says.

*(Source: Recycling Today; 28<sup>th</sup> August, 2024)*

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# NEWS IN BRIEF

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## **MoU signed between Ministry of MSME and Small Business Administration (SBA), Government of United States of America**

**MoU provides a framework for both sides to discuss issues concerning MSMEs and explore possibilities of cooperation**

**MoU also provides for the joint conduct of programmes for women entrepreneurs to empower them and facilitate trade partnership between women-owned small businesses of the two countries**

Shri S. C. L. Das, Secretary, Ministry of Micro, Small and Medium Enterprises, Government of India and Ms. Isabel Casillas Guzman, Administrator, Small Business Administration (SBA), Government of the United States of America, in keeping with the direction given by the Leaders of the two countries in the India-US Joint Statement of June 2023, signed a Memorandum of Understanding for promoting Cooperation on Small and Medium-size Enterprises on 13<sup>th</sup> August 2024 in New Delhi.

The MoU provides a framework for both sides to discuss issues concerning micro, small and medium enterprises (MSMEs) and explore possibilities of cooperation. It envisages the exchange of expertise between the two sides on issues related to improving MSME participation in the global marketplace through mutual visits as well as webinars and workshops on topics including access to trade and export finance; technology and digital trade; green economy; and trade facilitation. It also provides for the joint conduct of programmes for women entrepreneurs to empower them and facilitate trade partnership between women-owned small businesses of the two countries.

Recognizing the crucial role that MSMEs play in advancing inclusive growth, expanding exports, and boosting employment, the two sides also agreed to explore the development of a “Business Matching Digital Platform” to boost business opportunities.

*(Source: PIB; 13<sup>th</sup> Aug, 2024)*

## **MSMEs contribute to nation building, provide employment to millions of countrymen and are vital supply chains to big industries: Shri Piyush Goyal**

**Quality Control Orders protect MSMEs from unfair competition from outside the country: Shri Goyal**

An MSME should not be looked upon as merely a small enterprise, its thinking should not be small or negative since MSMEs are a big force, they are successful, they are the strength of the nation, are giving employment to millions of countrymen and contribute to nation building. This was stated by Union Commerce and Industry Minister, Shri Piyush Goyal at the 10th India International MSME Startup Expo & Summit 2024 in New Delhi today.

Shri Goyal said that innovative ideas and new ways of doing things are the hallmark of the entrepreneurs of MSMEs. The entire ecosystem around big industries and enterprises comprises of thousands of MSMEs, without whom they cannot succeed, he said adding that MSMEs act both as a suppliers and customers of big industries.

Shri Goyal pointed out that MSMEs play an important role in tourism and infrastructure development of the country and have a big share in India’s exports. The growth of this sector is vital for the country and a focus area for the government, he said. Commerce Minister said that when 140 crore countrymen get together to contribute in nation building, India will become a developed nation by 2047 and we can ensure prosperity for all.

Shri Goyal highlighted the fact that through Quality Control Orders (QCO) the government is supporting the MSME sector. “We are giving time to MSMEs to meet the requirements,” he said adding that MSMEs will benefit due to two reasons. QCOs stop substandard goods imported at strange rates from outside the country and thus helps the MSME sector by protecting it from unfair competition. And secondly, when MSMEs meet the standards, they can become competitive both nationally and internationally and become profitable. There are numerous examples on how the QCs have benefitted individual sectors, he said.

*(Source: PIB Delhi: 24 AUG 2024)*

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## **Union Ministry of Chemicals & Fertilizers, in collaboration with Federation of Indian Chambers of Commerce & Industry, hosted Industry Meet in Ahmedabad**

**Chemicals and petrochemicals sector a priority sector, several initiatives taken to reduce bottlenecks, ease burden of compliances & create an investment-friendly environment: Smt. Anupriya Patel, Minister of State for Health and Family Welfare and Chemicals & Fertilisers**

In the run-up to India Chem 2024, the 13<sup>th</sup> Biennial International Exhibition and Conference on Chemicals and Petrochemicals, the Union Ministry of Chemicals & Fertilizers, in collaboration with Federation of Indian Chambers of Commerce & Industry (FICCI), hosted an Industry Meet in Ahmedabad yesterday.

Smt. Anupriya Patel, Minister of State for Health & Family Welfare and Chemicals & Fertilisers, graced the occasion as the Chief Guest, emphasising the critical importance of the chemical industry in achieving India's \$5 trillion economy vision. Addressing the gathering Smt. Anupriya Patel said that the Union Government considers the chemicals and petrochemicals sector a priority sector and has taken several initiatives to reduce bottlenecks, ease the burden of compliances, and create an investment-friendly environment.

Commending Gujarat's key role in the sector she added that "Gujarat stands at the forefront of India's industrial landscape, especially in the chemicals and petrochemical sectors with a 62% share of India's petrochemical production, 53% share of chemical production and 45% of pharma production."

Gujarat's Industries Minister Shri. Balvantsinh Rajput, who was the Guest of Honour at the event, highlighted the state's strategic role in powering India's industrial growth and said that the state has a share of 8.4% in the national GDP and 18% share in the overall manufacturing output. The state also accounts for 33% of India's total exports, he added

The Industry Meet focused on promoting Gujarat as a global hub, attracting new investments, and showcasing innovations that align with sustainable practices. It also served as a platform for industry leaders, policymakers and other key stakeholders to discuss the future of the sector and explore collaborative opportunities.

The Industry meet also had the presence of key dignitaries, including Smt. Nivedita Shukla Verma, Secretary, Department of Chemicals & Petrochemicals, Government

of India. She stated that Gujarat PCPIR is a role model. She informed the participants that the Government is taking various steps such as duty rationalization and imposition of non-tariff measures to protect the domestic industry from unfair trade practices with a view to restrict the cheap or poor quality imports of chemicals in the country. The Industry Meet in Ahmedabad on 20th August was a part of a series of events aimed at building momentum towards India Chem 2024, scheduled for October 17-19 in Mumbai. The main event will showcase the latest technologies, innovations in the global chemical and petrochemical sectors. The event will also provide a platform for discussing policy issues, regulatory frameworks and sustainable practices that are crucial for the industry's future.

Shri Deepankar Aron, Joint Secretary, Department of Chemicals & Petrochemicals, Government of India, Ms. Mamta Verma, Principal Secretary, Industries & Mines, Government of Gujarat, Shri Deepak C. Mehta, Chairman of National Chemical Committee of FICCI, and Shri Rajiv Gandhi, Chairman of FICCI Gujarat State Council, were among the other dignitaries present at the meet.

*(Source: PIB Delhi: 21 AUG 2024)*

## **Quality Control Orders to curb imports of substandard footwear, save domestic industry from unfair competition: Shri Piyush Goyal**

The implementation of Quality Control Orders (QCOs) will help prevent substandard, low-cost leather product imports and help save Indian Footwear industry from unfair competition. This was stated by Union Minister of Commerce & Industry Shri Piyush Goyal while inaugurating the 8th India International Footwear Fair here today.

Shri Goyal said that QCOs will help inculcate a spirit of quality among the domestic manufacturers, enabling India to become a world-class manufacturer of quality footwear. The Union Minister noted that the implementation of QCOs from August 1, 2024 will benefit the leather and footwear industry.

On liberalising the QCO guidelines, Shri Goyal said that the Centre will give retailers two years to dispose of the existing footwear stock post application of the order. He also noted that fashion footwear manufacturing up to 72,000 pairs will not have to go through QCOs.

Emphasising the ability of the leather and footwear industry to expand their market domestically and abroad, Shri Goyal said that the manufacturers have the potential to raise employment in the sector from current 40 lakh to

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1 crore jobs. “We have the world market to capture. We need self-confidence, open mind to accept change”, he said. Shri Goyal asserted that India is poised to become the market leaders in the world. He also expressed hope for the footwear industry to become the world’s largest manufacturer. Currently, India is the 2nd largest manufacturer and 9th largest exporter of footwear.

The Union Minister said that a target of \$50 billion of exports by 2030 is achievable. He pointed out that QCOs don’t apply on exports but the exporters have to meet the quality requirements of their clients. The Minister urged the industry to leverage the Free Trade Agreements (FTAs), especially with ASEAN and European countries and work towards making Indian brands global.

*(Source: Ministry of Commerce & Industry; 8<sup>th</sup> August, 2024)*

## **India approves BioE3 Policy for fostering high performance biomanufacturing**

This policy will further strengthen government’s initiatives such as ‘Net Zero’ carbon economy & ‘Lifestyle for Environment’

The Union Cabinet approved the proposal ‘BioE3 (Biotechnology for Economy, Environment and Employment) Policy for Fostering High Performance Biomanufacturing’ of the Department of Biotechnology.

The salient features of BioE3 policy include innovation-driven support to R&D and entrepreneurship across thematic sectors. This will accelerate technology development and commercialization by establishing Biomanufacturing & Bio-AI hubs and Biofoundry. Along with prioritizing regenerative bioeconomy models of green growth, this policy will facilitate expansion of India’s skilled workforce and provide a surge in job creation. Overall, this Policy will further strengthen Government’s initiatives such as ‘Net Zero’ carbon economy & ‘Lifestyle for Environment’ and will steer India on the path of accelerated ‘Green Growth’ by promoting ‘Circular Bioeconomy’. The BioE3 Policy will foster and advance future that is more sustainable, innovative, and responsive to global challenges and lays down the Bio-vision for Viksit Bharat.

Our present era is an opportune time to invest in the industrialization of biology to promote sustainable and circular practices to address some of the critical societal issues-such as climate change mitigation, food security and human health. It is important to build a resilient biomanufacturing ecosystem in our nation to accelerate cutting-edge innovations for developing bio-based products.

High performance biomanufacturing is the ability to produce products from medicine to materials, address farming and food challenges, and promote manufacturing of bio-based products through integration of advanced biotechnological processes. To address the national priorities, the BioE3 Policy would broadly focus on the following strategic/thematic sectors: high value bio-based chemicals, biopolymers & enzymes; smart proteins & functional foods; precision biotherapeutics; climate resilient agriculture; carbon capture & its utilization; marine and space research.

*(Source: By ICN Bureau | August 25, 2024)*

## **Govt. assures feedstock supply paving way for sustainability of OPaL**

*OPaL is a world-class petrochemical complex having the largest standalone dual feed cracker in South-East Asia*

The Government of India has approved the ONGC proposal for additional investment totaling Rs.18, 365 crores resulting in an increase in ONGC’s stake in ONGC Petro-additions Limited (OPaL) from 49.36% to 95.69%. This significant move paves the way for capital restructuring

OPaL, situated at Dahej in Gujarat, is a world-class petrochemical complex having the largest standalone dual feed cracker in South-East Asia. Commissioned in 2017, OPaL is a state-of-art petrochemical complex with capacity to produce 1.5 MMTPA of polymers and 0.5 MMTPA of chemicals. With 12% market share, OPaL has a good presence in India’s polymer segment.

The Government’s approval to increase ONGC’s equity stake in OPaL shall help in rectifying OPaL’s capital structure with a healthy Debt Equity ratio. With this infusion, ONGC’s cumulative investment in OPaL will stand to Rs.22, 728 crores. The said Government approval also assures a sustained supply of gaseous feed to OPaL by ONGC from its new gas from nomination fields at a premium of up to 20% over APM gas price. As such, ONGC is allowed a premium of up to a maximum of 20% over the APM price. The increase in equity and assured gaseous feed supply shall ensure the steady performance of OPaL.

The decision aligns with ONGC’s strategic vision to become an integrated global energy major by increasing its presence across the downstream and petrochemical value chain as well.

*(Source: ICN; 12 Aug, 2024)*

## दिल्ली वाले सबसे ज्यादा बिजली पर टैक्स भरते हैं:-

**विनम्र निवेदन - दिल्ली सरकार मदद करे-बढते फिक्स चार्ज व टैक्स पर व्यापारियों के लिए समाधान करे।**  
किसी भी राज्य की सफलता उसके औद्योगिक क्षेत्र से मिलने वाले टैक्सों पर निर्भर करती है।

आज दिल्ली के व्यापारियों को बिजली पर फिक्स चार्ज 250 रु प्रति KVA+ PPAC on Fixed Charges (9%) +

Differential PPAC on Fixed Charges (29%) +

Surcharge on fixed charges (8%) = Surcharge on Fixed Charges Pension Trust (7%) = 53% टैक्स + 250 फिक्स चार्ज = लगभग 383/- रुपये प्रति KVA पड़ रहा है।

बिजली पर यूनिट 7-75 + PPAC on Energy Charges (9%) + Differential PPAC on energy Charges (29%) + Surcharge on energy charges (8%) + Pension Charges on energy change (7%) = (53 %) टैक्स

इससे अलग बिजली यूनिट व उसपे लगने वाले चारों टैक्सों के योग पर 5 प्रतिशत बिजली टैक्स।

आज फिक्स टैक्स व बिजली पर लगने वाले टैक्सों से लगभग 16 से 22 रुपये प्रति यूनिट पड़ रही है। अधिक यूनिट चलने पर 16 रुपये ओर मंदा में 22 रुपये प्रति यूनिट की औसत आती है।

**दिल्ली का व्यापारी आज अपनी ही जगह पर किरायेदार बन गया है।**

आज प्रति यूनिट फिक्स चार्ज + यूनिट = लगभग 16-22 रुपये प्रति यूनिट पड़ रहा है। जो किसी भी राज्य की तुलना में 100 % से 120 % अधिक है।

आज दिल्ली के बड़े व्यापारी दूसरे राज्यों में पलायन कर रहे हैं क्योंकि बढ़ती लागत के कारण व्यापार में लगातार उत्पादन मूल्य बढ़ रहा है, छोटे व्यापारियों के लिए ये बहुत संघर्षपूर्ण चुनौती है।

सरकार से निवेदन है व्यापारियों के हित में इस समस्या का समाधान करे। आज हम स्वतंत्रता का 78 वाँ वर्षगाँठ मना रहे हैं क्या इस वर्ष हम व्यापारियों को दिल्ली सरकार अपने टैक्सों से स्वतंत्रता देगी ?

तरुण बंसल

मोबाइल - 9811530017

## NEW MEMBERS ENROLLED

Sr. No.	Name of Unit / Company & Names of Representatives	Manufacturers / Traders & Contact Numbers	Introduced by
<b>LIFE MEMBER</b>			
1	<b>L-808. PLASTEK INNOVATIONS PVT LTD</b> G-938, Narela Industrial Area Delhi - 110 040 Corp. Off. A-22, Sector-3, Noida-201301  <b>Rep : Shri Sandip Kumar</b>	<b>Off.011-49061564</b> <b>Mobile No. 9310005991</b> <b>E-mail:</b> info@plastekininnovations.com <b>Web:</b> www.plastekininnovations.com	<b>Shri Brijesh Bhutani</b> <b>M/S Shree Jee Colour Solutions</b>
<b>ANNUAL MEMBER</b>			
1	<b>A-2011. SWASTIK ENTERPRISE</b> 46, Road No.02, G.I.D.C, Kathwada, Ahmedabad-382430 Gujarat  <b>Rep: Shri Jimes Kumar P Suthar</b> <b>Shri Prahladbhai V Suthar</b>	<b>Off. 9879795395</b> <b>Mobile No. 9426051346</b> <b>E-mail: svastik@yahoo.com</b> <b>Web:</b> www.circularloomspares.com	<b>Shri Devinder Pal Singh</b> <b>M/s JK Paras Polycoats Ltd</b>
2	<b>A-2012. GLOBE INTERNATIONAL</b> 81, Industrial Estate Nunhai, Agra- 282006  <b>Rep: Shri Rajat Agarwal</b>	<b>Mobile No. 9359963282</b> <b>E-mail:</b> globeinternationalagra@gmail.com	<b>Office</b>



# ALL INDIA PLASTIC INDUSTRIES ASSOCIATION

## MEMBERSHIP FORM

**GSTIN No. : 07AAAAA0915D1ZI**

The General Secretary

**All India Plastic Industries Association**

203, Hansa Tower, 25, Central Market

Ashok Vihar, Delhi-110052

**Phone** : 011-49064336, Mob. 9999481273

**E-mail** : aipiadelhi@gmail.com, aipia1982@rediffmail.com

**Website** : www.aipia.org

**Dear Sir,**

Please enroll us as Life/Five-Year/Annual member of your Association. We agree to abide by the Rules & Regulations of the Association, as amended from time to time. Cash/Draft/Cheque (No.....dated.....) for Rs.....is sent herewith.

MEMBERSHIP	AMOUNT INCL. ADMN. FEE.	GST 18%	HSN CODE	TOTAL AMOUNT
LIFE	25,500/-	4590	9995	30,090/-
FIVE YEAR	11,500/-	2070	9995	13,570/-
ANNUAL	3,500/-	630	9995	4,130/-

Membership Fee can also be deposited in Association's Bank account as per details given below :

**Name: ALL INDIA PLASTIC INDUSTRIES ASSOCIATION**

**Name of the Bank: BANK OF INDIA (Ashok Vihar, Delhi-110052)**

**Saving Account No. 603110100005876**

**IFSC Code: BKID0006031**

The particulars of our unit are furnished below:

Name of the Unit.....

Address.....

Telephone No. Office..... Factory..... Res.....

Mobile No..... E-mail..... Web.....

Branch Office, if any, with Address.....

.....

Nominee Representative of the Unit (1)..... (Date of Birth).....

(maximum two) (2)..... (Date of Birth) .....

### Other Particulars

i. Whether Proprietary/Partnership firm/Company

ii. Name of the Proprietor / Partners/Directors

iii. Main Trade : Processors of Plastic goods/Manufacturers of raw material/Manufacturers of Plastic Machines and equipment/Traders, Distributors, Exporters and Importers of Plastic Raw Materials/Machines goods.

iv. Whether products are exported/to be exported.....

v. Year of Establishment.....

vi. MSME **UDHYAM/UDYOG** Registration No.....

vii. GSTIN No.....

viii. Any other information.....

Date.....

Introduced by.....(Signature)

Signature.....

(Name and address) .....

Full Name.....

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Designation.....

Membership No. allotted.....

Date of approval by the Executive Committee.....

(Effective from 21.09.2023)

President/Gen. Secretary



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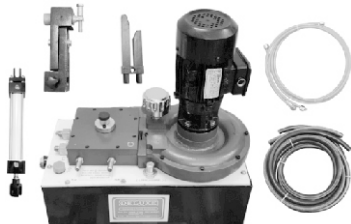
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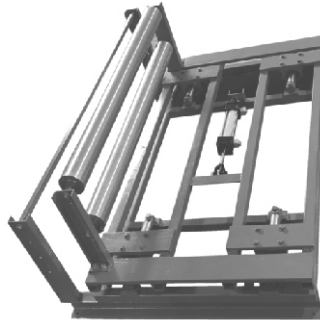
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**Our Special Products: -**

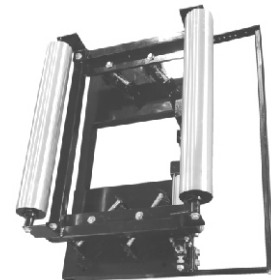
- Static Control Technology – FRASER, UK
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- Auto Registration Control System – TAIYO, Japan
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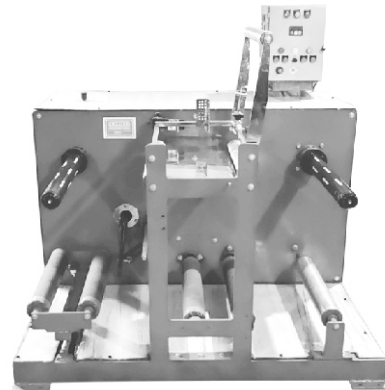
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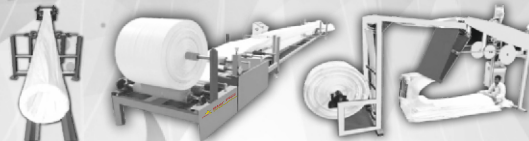
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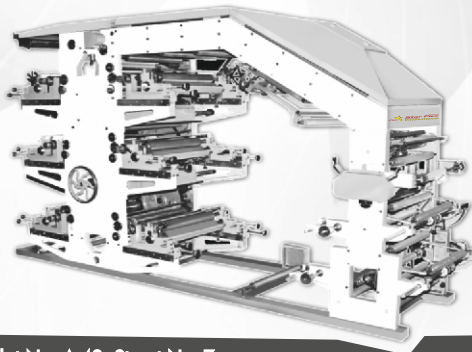
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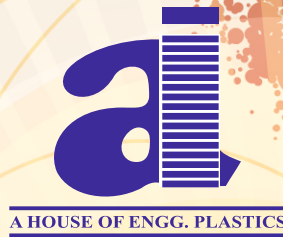
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