

World Environment Day  
5th June 2022  
SPECIAL EDITION

QUALITY

# Chronicle

Year: 1st

Issue: 3rd

Apr - Jun 2022

by APCOTEX INDUSTRIES LIMITED

# ONLY ONE EARTH

This planet is our only home, whose finite resources such as water, air, soil, and fuel etc., we must safeguard.



Adoption of Eco-friendly equipments, technology, gadgets and measures for environment protection & conservation!



Tree Plantation at Valia



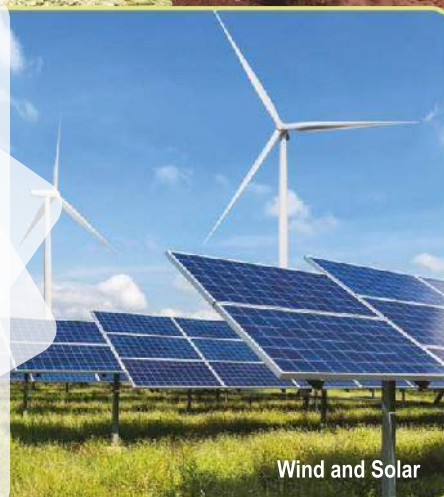
Under development 'Butterfly Garden' at Taloja



Renewable Energy Resources



The invisible bond in all walks of life



Wind and Solar

## 4R: A path to sustainability in environment conservation and protection!



REFUSE

REFUSE



Avoid things that adversely impacts our environment.



REDUCE

REDUCE



Use less things like water & electricity, etc. as they are limited in resources.



REUSE

REUSE



Use things again, which we normally throws away.



RECYCLE

RECYCLE



Sorting food waste/ trash so same can be used again after recycling it .

# 'Safety Week 2022' Celebrations @ Taloja

## Celebration with enthusiasm...

Apcotex Safety Department @ Taloja, along with all other co-staff; co-workers and associates celebrated 'Safety Week 2022' from Saturday, 4th March 2022 to Friday, 11th March 2022. During this period, 'Safety Week-2022' was celebrated with zeal and enthusiasm by all at Taloja Plant.

Inaugural Ceremony, Taking Safety Oath; Skit on 'Safety Awareness'; and various other activities promoting safety perception, were organised. Presenting here are few moments of 'Safety Week 2022' celebrations...



**Safety Week 2022: Inaugural Ceremony**



**Oath to maintain Safety Perception.**



**Skit on 'Suraksha Jagruti Abhiyaan'**



**Safety Equipments Exhibition**



**Enthusiastic Visitors at Safety Exhibition**



## Quality Chronicle

Quarterly In-house magazine  
by Apcotex Industries Limited  
on Performance; Achievements & Aptitude  
in Quality; Products and Customer Services

• Year-1st, Issue-3rd: Apr-Jun 2022 •

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• Sub-Editor •

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**Shri. Jignesh Goswami (QA-Valia)**

**Shri. Raghunath Sawant (HR-Taloja)**

- Willingly, readers can send their reviews about the magazine and the contents; veracious comments will be published in upcoming issues.
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## To be Eco-friendly...

For being eco-friendly, we have done everything we can to lessen our impact on the environment.

At Apcotex, we have tried to make our manufacturing facilities more sustainable and eco-friendly. To achieve this, we had to overcome several environmental challenges such as air & soil pollution, disposal of waste, depleting natural resources and energy consumption. Also we have also tried to incorporate solar systems that provided significant savings in our power consumption.

Adopting the methods of recycling and reducing use of plastics & other non-biodegradables helped us to make our journey towards 'Zero Waste' an admirable success story.

Becoming more eco-friendly, energy efficient as well as cost-effective in our processes, made our efforts to deal with environmental challenges extremely worthwhile and that also reduced our carbon footprints.



---- **Atul Choksey**

**Chairman- Apcotex Industries Ltd.**

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# Editorial



Dear Readers,

We have only one planet for our comfortable and affordable living with all essential things such as air, water, sunlight and food grains. Mother Earth doesn't show any discrimination between the rich and the poor in providing these essential things for our living.

Our planet has unlimited resources and circular enriching process to take care of our needs provided we don't tamper with ecological balance. However, all industrial activities are bound to generate solid, liquid and gaseous waste that surely affect this balance. Does it mean that we must go back to pre-industrialization era? Certainly not!

All we need is to develop a resonating "environment consciousness" by each and every person involved in industrial activities in maintaining the ecological balance. It must not be limited to an individual or department to work on it. Adopting all advanced methods and equipment to reduce waste of all kinds is the key action by all industries on the earth. Each action taken and each step towards environment protection by every individual becomes an invaluable contribution towards protected planet for coming generations.

We are happy to come up with this special issue of our "Quality Chronicle" on environment on the occasion of "World Environment Day", 5th June 2022.

*Let all humans, individually and collectively, become totally responsible towards careful handling of environment around us while conducting our activities for our happy and prosperous living.*



## 'Refuse' and be a saviour!

Everywhere 'The Change' is constant!

The term waste management has become more complex and alarming these days. Achieving 'Zero Waste' should be an every individual's and industry's aim. Undeniably it's a challenging task, because 'Each-one' and 'Every-thing' on this planet is more or less contributing in generating waste during it's life-cycle. The term 'Zero Waste' means that the least possible amount of trash should end up on dumping grounds or in landfills. It is impossible to expect an overnight and sudden change to enjoy the status quo of 'Zero Waste', but sincere determination and our care-n-concern for mother earth can be a big 'yes' towards our journey to 'Zero Waste Lifestyle'.

Few years back, the basic ideology to obtain the 'Zero Waste' status, was revolving around to 3Rs i.e. Reduce, Reuse and Recycle for quite a long time. Now while living in contemporaneous era and witnessing the fast changing global scenario in every field, we have to shift ourselves from 3Rs to 5Rs for controlling the waste management and achieve 'Zero Waste' status.

Traditionally, 3R - Reduce, Reuse and Recycle - were only concerned to collect, treat and dispose off the waste generated through our activities, but they weren't enough to solve the recurring problem of rapidly depleting natural resources along with pollution.

Now the another two concepts i.e. 'Reprocess' and 'Refuse' are added into 3Rs and the latest 5Rs concept - REFUSE, REDUCE, REUSE and RECYCLE - become more significant in waste management system.

Everyone of us is much familiar to 3Rs. While the concept 'REPROCESS' adopting for waste management, we need to segregate waste in biodegradables and non-biodegradables; switching ourselves from linear to circular economy.

These technicalities of 'REPROCESS' may be a bit difficult to understand and adopt in day to-day life for most common people.

To make it simpler, here we discuss only about the foremost 'R' in 5R concept that is, 'REFUSE'!

'REFUSE' means "Saying NO" to unnecessary things! 'Saying NO' to single-use plastics such as plastic carry bags; disposable cups; utensils; straws and such other unnecessary items could be a great act.



Besides 'Saying NO' to such unnecessary items; keeping reusable substitutes of them handy as well simultaneous and religious use of them, could also be a substantial step towards 'Zero Waste' lifestyle.

Also 'Saying NO' to products and services that might harm the environment could be a symbol of affection for Mother Earth. 'Saying No' to buy and use non-essentials will not only beneficial for the environment but for our pockets too.

Remember practising 'REFUSE' will also helps us in discriminating avoidable expenses. Avoiding use of non-recyclable or non-compostable things is also another way of 'Saying NO!'.

Also do not be quickly captivated about spending on trends, by adopting this we're not just securing our financial future but also the future of the planet.

Discern things that we need to buy and use every day. Old clothes? distribute them amongst poor-n-needy or transform them into convenient reusable bags. This will help us to be tactful about spending money and rendering your efforts. Divert your attention to those things that matter most in life.

Last but not least, the new waste management system based on 5Rs principle promotes a circular economy that pays attention to sustainability and eco-friendly practices.

Showing intolerance against the actions that pollutes and harms environment and adopting the term 'REFUSE' will definitely help you to become an 'Eco-friendly Saviour'!

--- **Abhiraj Choksey**  
MD - Apcotex Industries Limited



## Managing e-waste responsibly is everyone's concern!



Electronic waste, or 'E-waste', is the fastest growing and harmful form of waste, worldwide. Across the globe, industrialization and digitization of all walks of life; increasing standards of living and disposable income, has advanced the magnitude of electrical and electronic equipment's usage and e-waste generated by the said usage. Globally, the recent paradigm shift to 'Work From Home' lifestyle and 'Online Education' structure as a result of COVID-19 pandemic also rapidly contributed to this rise.

Worrying fact is that, after China and America, our country is becoming the world's third biggest contributor in generating e-waste. According to a 2020 report by the CPCB, India generated 1,014,961 tonnes of e-waste in FY 2019-2020 – up 32% from FY 2018-2019.

The fast developing metropolitan and major cities are the biggest producers of the most e-waste generated every year in India. However, what has been largely an urban issue could well become a problem of rural India too, in the coming years as usage of mobile and other EE gadgets is on exponential growth. Point of relief is that, the life-cycle of e-gadgets in rural India, is much longer with people preferring to repair and use, rather than replace.

The E-waste contains many hazardous substances which have been found to be extremely dangerous to the environment and human life as well. However, E-waste doesn't cause any harm if it is recollected; stored and sent for recycling or disposal in a proper and safe manner.

But to this day, e-waste management in India remains cursed and ineffective in consideration of environment and health issues. In India, the disposal of e-waste is still carried out at large by less educated and unorganized vendors such as local kabadiwalas. These people use recycling techniques that are not following

any type of environmental or health standards. Some of the methods used can be harmful to the health of those participating in these disposal techniques. Yet labours involved in the disposal process aren't aware of the fact that using unscientific methods could be dangerous to their life; even the environmental concern is much far away from their thought! Also it was observed in the study that dumping of plastic parts of e-waste may deteriorate the soil and underground water quality due to the leaching of additives, colours, stabilizers and fillers present in different categories of it.

A matter of satisfaction is that, India is the only country in Southern Asia, to impose legislative formulae to regularize the e-waste management, since 2011. Soon after that, E-waste (Management) Rules 2016 came into existence. The law and amendments made therein mandated collection targets and transferred responsibilities to the producers - Extended Producer Responsibility (EPR). This put the onus on the brands to ensure that waste was brought back in.

But still there is a lack in the current setting. Currently there are less than 500 authorized recyclers of e-waste in our country. Considering India is as large as a continent, we are far from establishing strong structures and maturity of processes in e-waste disposal.

Meantime, everyone as responsible citizens and as e-consumers at large, should give e-waste as much attention as we consider for daily garbage.

'Reuse, Repair and Recycle' should be our 'Modern Mantra' for using e-gadgets as well as controlling & managing the e-waste in a commanding way. We should use e-gadgets for longer. The upgrade to a new e-gadget should ideally happen for necessity, not for style. We should give a 'First Try' to ensure the repairing of damaged gadgets. For recycling we should ask the brand owner of the gadget for an e-waste collection facility or to provide a better option for sending it for disposal.

Recently our PM Shri. Narendra Modi, has announced a 'Waste to Wealth' mission, focussing on utilizing waste for better use. A mind-set shift might be the start of a better approach in environment protection.

The need of the hour, in sum, is to make the conversion of 'waste to wealth' easier! Managing e-waste responsibly is everyone's concern!

— Ravi Shankar Sharma  
COO - Apcotex Industries Limited

# Management Meet 2022- The Big Leap

The purpose of management meet is basically held to mingle with other department's people with whom we do not or rarely interact. In this meet all participant get the opportunity to directly talk with our Managing Director.

Also in this event we celebrate our achievements and to know our future action plans from the Managing Director himself.

It was held on Tuesday, May 17th 2022, at 'Dukes Retreat', Khandala.



## Apcotex Celebrations on International Women's Day

On the occasion of International Women's Day - March 8th 2022, M/s. Apcotex was launched a new initiative for Women Professionals; associated with Apcotex family. The Theme for the year was 'Gender Equality Today for a Sustainable Tomorrow'.

As a beginning, Apcotex organized a casual event cum celebration of International Women's Day at Hotel Yogi Executive Sanpada, Navi Mumbai.

Our women workforce has played an instrumental role in not only helping us scale significantly.

Their commitment and efficiency are truly commendable.

The way they are balancing their personal and professional commitments with such an ease and grace is appreciable.

□□□



*On Women's Day Celebration, we aspire to express the feelings of awe and thankfulness, we perceive towards our women employees. We are sure that, our humble gesture will make them feel as a special and important.*





## Executive and Officers Meet 2022

Within any organization, meetings between decision makers and functionaries i.e. the executives & the officers are vital for the maintenance of effective communication; transparency and continual growth.

The purpose of such meetings are not only to share ideas and to reach a state of consent, but also to make the right decisions in futuristic approach and

appraise the right people for their dedication and enthusiasm which helped in organization's growth.

Recently such a meeting of executives and officers of Apcotex, Talaja was held on Friday, 15th May 2022 at Hotel 'K-Star', Navi Mumbai.

Sharing herewith the few glorious moments of the said meeting...





## True Inspiration gives edge to achieved success!

— Sanjay Desai, AVP-Production, Valia



**Mr. Sanjay Desai, AVP–Production** has been associated with the Valia Plant since June 1992 (from the initial stage), the then company name was M/S Gujarat Apar Private Limited. Initially he worked for the NBR Batch Polymerisation facility with the M/S. Good Year team.

His major role was to establish and stabilize process plant and smooth production with Quality for different grades of NBR. He worked on the capacity enhancement project to convert Batch to Continuous Polymerisation. He has worked for HSR production, Powder NBR and NVC production as well. Before rejoining Valia Plant in Jan 2017 for Apcotex Industries Limited, he was associated with M/s. Pidilite Industries Limited for PCR Plant and M/s Reliance Industries Ltd for SBR Plant.



He successfully led the Production Team to implement TPM, IMS, RC etc. in Apcotex. He has been one of the instrumental members in making Apcotex a truly world-class company.

He married Mrs. Vasanti in 1996, she is working with LIC. They have one son - Pranav. Pranav has done MBBS & is currently doing an Internship.

*While having an informal talk with our editorial committee member and Sr. Manager-QA from Valia plant Mr. Jignesh Goswami; Shri. Sanjay Desai Sir expressed his inner feelings on the qualitative journey of Apcotex. Here we are sharing a few snippets of the said interview with our esteemed readers...*

**Jignesh: As a leader, which are the most important values you would like to demonstrate?**

**Desai Sir:** The most important value that I have is my integrity. I would like to demonstrate honesty and trust in all my actions to establish credibility as a leader. By having this conviction behind my words and actions, those who I lead are gaining a lot in return and bring forward themselves into the directions I have taken them.

**Jignesh: How would you gain commitments from your team?**

**Desai Sir:** I gain commitments from my team by influencing and persuading them to set specific objectives and also get hold of them into the processes. Once they have established co-operation and cohesion, they are on board to attain the goal.

**Jignesh: What is the difference between a Team leader and a Team manager?**

**Desai Sir:** A manager is able to handle tasks and responsibilities. Also he ensures that others can get their work done. A leader inspires and motivates his team to achieve their goals.

**Jignesh: What is your greatest strength?**

**Desai Sir:** Being able to lead and inspire a team to perform their best and strive to achieve goals. I can do this through relationship building, being passionate about the goals, and influencing those around me.

**Jignesh: How do you publicly praise a team member?**

**Desai Sir:** To praise any team member who has achieved success in his job, I normally gather with all team members and immediately conduct a group meeting.



**Mrs. and Mr. Desai - the inspiring companions, creating each others life excited and afresh!**

I recognize that particular team member's success in front of the group, so that others can get inspiration, as well can learn best practices to do their job successfully.

**Jignesh: How do you motivate your team?**

**Desai Sir:** Always I try to find out what can motivate my team members individually, so that I could speak on how a goal or change is going to benefit them.

I ensure that I have the right amount of positive, motivational and constructive feedback to help them perform effectively.

My actions always match my words so when I speak to my team with conviction; they are on-board with performing their best.

**Jignesh: Every company has a strategy to improve the quality of its products and services, and try to apply various methods in organization, such as TPM, 5S, Six Sigma and so on... which one is your favourite and time-tested?**

**Desai Sir:** We cannot say which one is the best or favorite but we need to implement any of the above

model in true spirit, which will certainly give edge in results.

**Jignesh: Success can be defined in a variety of ways, How would you define success for your organization?**

**Desai Sir:** For Apcotex, success is running a profitable firm that conducts business with integrity, in safe and environment friendly manner, makes meaningful contributions to the society and nurtures high-quality and balanced lives for its employees

*Having had such brain-storming inspirations, we expressed our gratitude and thanked Shri. Desai Sir for the opportunity and time given by him to discuss various management mantras such as motivation, commitment, strengths and values*

*etc. and finally left for our routine!*



**Pranav:** A Bright young man as unique as his loving parents!



— Interview by: **Jignesh Goswami**  
Sr. Manager - QA; Apcotex - Valia  
Member, Editorial Committee  
'Quality Chronicle'



## Apcotex Team @ Paint India 2022

'Paint India Exhibitions' are the top-class fair of the painting and construction chemicals industry, which is known as the leading event of its kind in India. The event provides optimum opportunities to enter new markets in a booming and fast-growing trading arena as well as to establish important business relationships.

Recently, 'Paint India 2022' exhibition was held from 26th May to 28th May 2022 at Jio World Convention Centre in Mumbai. About 487 international exhibitors presented their products and services to a qualified audience of more than 16,000 visitors from 66 countries in 'Paint India 2022'.

Apcotex team comprises of Mr Debabrata C, Mr. Bhagban Panda, Dr. Biswa Nayak, Dr. Ajay Kumar Pandey, Mr. Subhadeep Sikdar and Mr. Jaydas Patil were visited the said exhibition.



**Mr. Debabrata C**



**Mr. Bhagban Panda**



(From Left) **Mr. Subhadeep Sikadar, Dr. Biswa Nayak, Mr. Jaydas Patil and Dr. Ajaykumar Pandey**

## Need to ensure a carbon-free future!

In the atmosphere, gases such as water Vapour, CO<sub>2</sub>, ozone, and methane act like the glass-roof of a greenhouse by trapping heat and warming the planet. These gases are called greenhouse gases. The natural levels of these gases are being supplemented by emissions resulting from human activities.

Rising levels of greenhouse gases are already changing the climate.



In general, the faster the climate changes, the greater the impact on people and ecosystems. Reductions in greenhouse gas emissions can lessen these pressures, giving these systems more time to adapt.

The links between bio-diversity and climate change run both ways: bio-diversity is threatened by climate change, but proper management of bio-diversity can reduce the impacts of climate change.

The rich variety of life on Earth has always had to deal with a changing climate. The need to adapt to new patterns of temperature and rainfall has been a major influence on evolutionary changes that produced the plant and animal species we see today. Variation in the climate is perfectly compatible with the survival of ecosystems and their functions, on which we each depend for the essentials of life. Climate change now poses one of the principal threats to the biological diversity of the planet, and is projected to become an increasingly important driver of change in the coming decades.

There are several reasons why plants and animals are less able to adapt to the current phase of global warming. One is the very rapid pace of change: it is anticipated that over the next century, the rise in average global temperatures will be faster than anything experienced by the planet for at least 10,000 years. Many species will simply be unable to adapt quickly enough to the new conditions, or to move to regions more suited to their survival.

Equally important, the massive changes humans have made to the landscape, river basins and oceans of the

world have closed off survival options previously available to species under pressure from a changing climate. There are other human-induced factors as well. Pollution from nutrients such as nitrogen, the introduction of alien invasive species and the over-Harvesting of wild animals through hunting or fishing can all reduce the resilience of ecosystems, and thus the likelihood that they will adapt naturally to climate change.

This has major implications not just for the variety of life on our planet, but also for the livelihoods of people around the world. The rural poor are especially vulnerable to the loss of essential services when an ecosystem becomes degraded. The formation of soils suitable for crop-growing, the availability of medicinal plants, the provision of fresh water and the income gained from eco-tourism, for example, are all underpinned by the web of life and the interaction of species ranging from the smallest micro-organisms to the largest predators.

Designing, funding and implementing these strategies requires co-operation and co-ordination at the global level. In this respect, the Convention on Biological Diversity is working closely with the United Nations Framework Convention on Climate Change and with the United Nations Convention to Combat Desertification. Such co-operation can ensure the proper design and implementation of policies aimed at improving adaptation to climate change.

The overall message is clear. If the threats of bio-diversity loss and climate change are tackled together, the prospects for adapting successfully to the challenges of the coming decades will be very much improved.

I call upon all citizens of the world to ensure that we take the necessary steps to facilitate the adaptation of bio-diversity to a changing climate, and therefore ensure the livelihoods of the poorest of the poor.

*Working together to create a carbon-free future for everyone!*

— Mrs. Palak Patel  
Executive-EHS, Apcotex, Valia

Mrs. Palak Patel started her career since 2016. She had completed her apprenticeship in GACL, Dahej in EHS.

Also she was worked with the NABL Accredited Environment laboratory and CETP - Ankleshwar. She is a certified ISO 14001:2015 auditor.

Recently she has started her career in Apcotex from March 2022, as an Executive of EHS department.





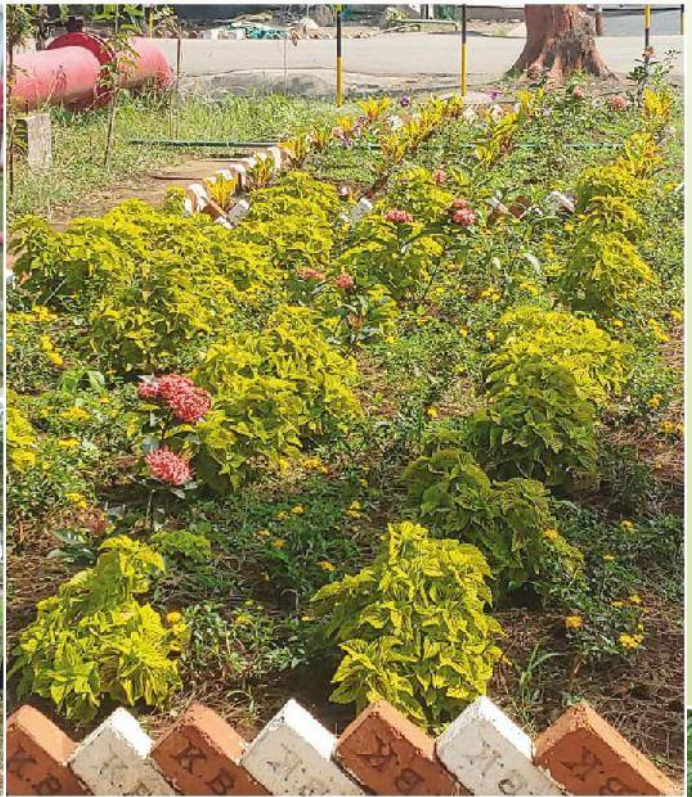
## Proactive Environment Management Approach at Taloja



**ETP & Hazardous Waste Management:** At Apcotex, Taloja unit we have a full-fledged ETP - Effluent Treatment Plant - with primary, secondary & tertiary treatment facility of 500 CMD capacity to treat the effluent generating from various processes and activities. We have three way valve and positive discharge system with strainer for treated effluent which is discharged to CETP. Also an online continuous effluent monitoring system (OCEMS) has been installed and is connected to MPCB & CETP portal. To store the sludge and other categorized waste we have appropriate facility available.

**Preservation of Green-belt for Environment Conservation:** We have reserved 27,371 M<sup>2</sup> green-belt zone which is almost 36 % of total plot area. Recently in this zone, we have tried to conserving local species and bio-diversity through maintaining 'Butterfly Garden'.

Various activities for environment protection and conservation, are organized at our factory. Especially, every year on 5th June we celebrate 'World Environment Day' with tree plantation activity to maintain the Green-Belt intact.





## Proactive Environment Management Approach at Valia

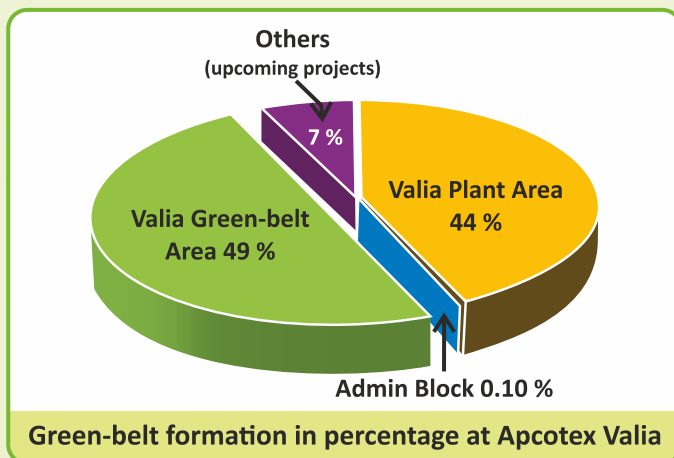


**ETP & Hazardous Waste Management:** At Apcotex, Valia unit we have a full-fledged ETP - Effluent Treatment Plant - with 1,400 KL capacity to treat the effluent generating from various processes and activities. Entire treated water is regularly used for Green-belt area. We have the membership from GPCB's authorised landfill site, which is known as BEIL, to dispose all the ETP sludge and other waste. To store the sludge and other categorized waste we have appropriate facility available at site. We are having 85 acres dedicated Green-belt Area. Till date 1,44,000 trees are planted in this Green-belt area, to maintain this Green-belt area, every year we are planting the various types of trees.

We have completed all legal compliance with respect to environment on time like Environment Audit, Monthly Patrak, Form #4, Form #5, and EC Compliance Report submitted to the respective authorities.

Also the compliance report has been submitted to the Regional Officer on time, against remarks and suggestions made by him during the site visit.

**Green-belt for preserving the Environment:** At Apcotex, Valia plant, we have kept an area of 2,28,790 M<sup>2</sup> green-belt zone which is almost 49 % of the total plot area.



Aprat from this, various initiatives and activities for environment protection and conservation, are regularly organized by EHS department at Apcotex, Valia facility.

In Valia plant, 'World Environment Day' is regularly celebrated on 5th June every year and tree plantation is always being a major activity of this celebration, in



World Environment Day 2021 Celebrations at Valia



Tree plantation at Apcotex Colony, Valia

support to maintain the Green-Belt at Valia unit, intact. Apart from carrying out tree plantation in Valia site, we are doing the same at Apcotex residential colony too.

**Concern for Global Warming:** As a concern for global warming, we are always trying to implement up to date and ultra modern technologies that helps us in improving our approach towards protection and conservation of the environment. To mention a few are as below:-

1. Use of CFC free air-conditioners.
2. Replaced Carbon di-oxide extinguishers with 'Clean Agent' fire extinguishers with Zero Ozone depleting potential.



Green-belt maintenance at Valia Plant



**Use of CFC Free air conditioners and CLEAN AGENT Fire Extinguisher as further steps towards Environment Protection and Conservation!**

**Adoption of 4R Principle for Waste Management:** According to latest update in the 4R principle 'REPROCESS' has been added as 5th R in Waste Management to minimize the volume of waste for disposal and landfill.

The useless materials such as domestic trash, garbage, metal scrap etc., which arise from various human activities are called as solid waste materials and directly affect the environment and cause land pollution as well as water pollution.

Due to increase in Industrialization & Urbanization, waste materials generated are being directly exposed in nature and are harming living plants and animal species.

### 4Rs of Waste Management

- Refuse
- Reuse
- Reduce
- Recycle

In modern world, we are dependent on ready-made and artificial products. There are many alternatives available for a single item. It has increased the production of soil waste and problem related to it.

For managing such unwanted soil waste the 4R principle i.e. REFUSE, REDUCE, REUSE and RECYCLE is introduced. At Apcotex Valia facility, we are trying to promote these principles wherever and whenever possible through creating awareness and imparting knowledge up on them.



**We are very much thankful to Mr. Hemang Hajariwala, Manager-EHS, of Valia Plant,** for compiling and sharing information on 'Proactive Environment Management Approach' of Apcotex, Valia Plant to publish in this issue of 'World Environment Day - 2022 Celebrations'.



Mr. Hemang is having 17 years reach experience with top Middle East, Indian and Multi-nationals companies, especially in Oil & Gas, Pharmaceutical, and Agro-Chemical industries. He done his B.Sc. in Chemistry, having post diploma in 'Industrial Safety' from IOSH-UK, Also, he is a Lead Auditor of OHSAS 18001:2007.

He is trained in various aspects of OHS&E like HSE Leadership, OHSAS Lead Auditor, Accident Investigations, SAP, Risk Assessment by Indian and global experts by Oman and Saudi Arabia. As a guest lecturer he regularly visits Pandit Din Dayal Petroleum University, Gandhinagar (Gujarat) to conducts various trainings on safety. Also he is a certified trainer of Basic Scaffolding.

### Appropriate Waste Segregation: An Effective way of Waste Management to attain 'Zero Waste' status

When we segregate waste, it reduces the amount of waste that reaches landfills, thereby taking up less space.

Pollution of air and water can be considerably reduced when hazardous waste is separated and treated separately.

***It is essential that waste is put in separate bins so that it can be appropriately dealt with.***



## A,B,C,... of Environment Conservation & Protection



The World Environment Day (WED) was established by United Nations General Assembly in 1972. Year 2022 marks 50 years since Stockholm Conference on the Human Environment. It is celebrated worldwide on 5th June, every year to raise awareness on environment and mobilise action for environment protection.

In 1999, National Safety Council of India, took initiative and decided to actively promote celebration of World Environment Day on national level.

### Objectives:

The World Environment Day Celebrations help us to:

- Demonstrate our commitment to environment protection.
- Increase awareness on specific environmental issues relevant to the industry utilities and operations.
- Undertake measures to minimize impact of our activities on the environment.

**A, B, C... of Environment Conservation:** It takes only a few simple steps to easily green your daily routine and make good eco-friendly behaviour a habit. Presenting here are a few activities of Environment Conservation and Protection... to think and to act by everyone on the earth!

**Act now.** Make the decision to become more aware of issues related to food waste.

**Adopt as many eco-friendly lifestyle choices** as you can and make them habits.

**Beat plastic pollution.**

**Buy locally!** Flying food across continents increases global transportation emissions.

**Bring a cloth bag** to do all your grocery shopping. A reusable bag will last for years and only needs to be used 5 times to have a lower environmental impact than a plastic bag.

**Bring a mug** with you whenever you go for take-out beverages, so you avoid using paper cups.

**Consume locally.** You will help reduce the demand for cutting down forest in foreign countries to meet export demands.

**Choose naturally grown foods.** They have less of an environmental impact and are much healthier.

**Compost your organic food waste.**

**Celebrating Bio-diversity.**

**Don't buy more food** than you really need.

**Discover an alternative** to using traditional wrapping paper for gifts.

**Engage in an environmental activity,** like school or neighbourhood beautification or tree planting.

**Eat organic and locally grown foods** and help reduce the clearing of forests for agricultural land.

**Educate your friends** on how individual actions can have an exponential impact **and motivate them** to act for environment conservation and protection.

**Form a group of colleagues to oversee the food waste** on various occasions such as engagement ceremonies, house-warming events, weddings, birthday parties etc.

**Form a tree-planting group** with family and friends and commit to planting and maintaining them till they grow well.



**Green your office:** Take prints on both sides of the paper, always turn off monitors; lights; fans and other gadgets when they are not in use, keep control on the temperature of air conditioners, start an office recycling program.

**Grow an organic garden** and you own delicious food.

**Give seedlings and saplings as birthday gifts.**

**Go electronic for bills and payments:** at home, in the office, at the bank, during purchases etc.

**Host** environment protection and/or conservation activities.

**Have a vegan** (no animal products) diet in lunch and dinner parties!

**Identify the nature that surrounds you** - take note of the beautiful plants and animals that you may not always appreciate. Learn about the amazing ecosystem services they provide.

**Improve the insulation of your home** - it will really help your energy consumption... and your energy bills.

**Join a local environmental conservation group.** You can team up with those around you and make a real difference for your community.



**Jog outside and save the energy** you would have used on the treadmill!

**Kick the habit!** Don't print unless it's absolutely necessary. And when you do print - always print double-sided!

**Keep your cup!** When travelling on airplanes, ask to reuse your cup.

**Kill air pollution.**

**Learn more about the environment impact of food production.** Did you know that it takes 1,000 litres of water to produce 1 litre of milk?

**More food** in your pantry **increase the risk of food going bad** before you consume.

**Mobilize your networks!** Message your friends about environment conservation and protection on phone, email, twitter, whatsapp, instagram, facebook etc. - it doesn't how, just get the word out!

**Notify your friends** on how their action against food waste could have a huge impact. Even if just one-fourth of the food currently lost or wasted globally could be saved, it would be enough to feed 670 million hungry people in the world.

**Optimize the use of your washing machine** - use the cold-wash option and significantly save energy and reduce your daily carbon emissions.

**Opt for public transport** whenever possible.

**Order small food portions first.** Better to add on than waste.

**Plan in advance.** Know what you will need before you go grocery shopping so not to end up buying more than what will be consumed in your household.

**Pile up!** Lay the grounds for a compost pile and start sorting your garbage.

**Quantify how much money you could save** each cold winter if you lowered the temperature inside your home by 2 degrees Celsius. It could reduce your energy consumption by 12 percent.

**Refuse, Reduce, Reuse, Recycle and Reprocess.**

**Restore Eco-system.**

**Sacrifice something small each month** - eat locally grown vegetables instead of imported vegetables; do without steak as cattle ranching is high impact!; car-pool with co-workers; take your bike to work etc.

**Save Food!** Every year, consumers in rich countries waste almost as much food (222 million tonnes) as the

entire net food production of sub-Saharan Africa (230 million tonnes).

**Support and motivate** companies that use certified materials and operate in ways that are environmentally responsible.

**Tell your friends about the enormous amounts of food waste we are creating.** A third of global food production is either wasted or lost.

**Think before you buy food.** What is the environmental impact of your choice? Think outside of the bottle! Bottled water costs 1,900 times more than tap water.

**Understand your options.** Learn about the small ways you, as an individual, can make a positive impact on the environment.

Use rainwater for your indoor plants - they love it, and you'll save water at the same time.

**Waste not food!** 1 in every 7 people in the world go to bed hungry and more than 20,000 children under the age of 5 die daily from hunger.

**X-plore the new technologies for environment conservation and protection!**

**You can make a difference** - individual actions, when multiplied, can make an exponential difference to the planet!

**Zip around town on your bicycle, on public transport or walk to a restaurant near you. It's cheaper.**

Source: NSC of India's appeal on WED



## Emergency Response Training-ERT at Taloja and Valia

**Emergency Response Training-ERT:** At Apcotex, Taloja and Valia facilities, ERT - Emergency Response Training is conducted on regular intervals. It a controlled enactment of an emergency event that could occur at site. It allows EHS department of an organization to modify it's emergency response plan and to make it perfect so that unexpected future hazards can be controlled or eliminated as well as an emergency status can be prevented from occurring.

During ERT- Emergency Response Training following topics are covered.

1. Information on Emergency and types of it.
2. Role and responsibilities of ERT members.
3. Kind of Emergency can be occurred at site.

4. Properties of 1,3 Butadiene, Acrylo Nitrile and Styrene
5. Handling hazardous chemicals.
6. Using Fire Extinguishers and Fire Hydrant System.
7. Use of SCBA set and how to rescue the victim during an emergency.
8. Precautions to be taken in emergency.
9. The role of shift In-charge and officers in silent hours.
10. Classification of fire and how to extinguish it.

We are very much glad to share a few moments of ERT in Taloja and Valia facilities.



ERT-Valia



ERT-Valia



ERT-Taloja



ERT-Valia



ERT-Taloja



ERT-Taloja



ERT-Taloja

# 'Safety Week 2022' Celebrations @ Valia

## Celebration in a passionate manner...

From Friday, 4th March 2022 to Friday, 11th March 2022, employees of safety department @ Valia, along with their colleagues observed 'Safety Week 2022'. During this period, 'Safety Week-2022' was celebrated in a proactive and passionate manner by all Valia plant employees.

Inaugural Ceremony along with Safety Oath, Prize Distribution, Safety Rally and Safety Exhibition were organised at Valia plant to promote the 'Safety Culture'. A few moments captured during these celebrations are presented here...



**Inaugural Ceremony with VIPs**



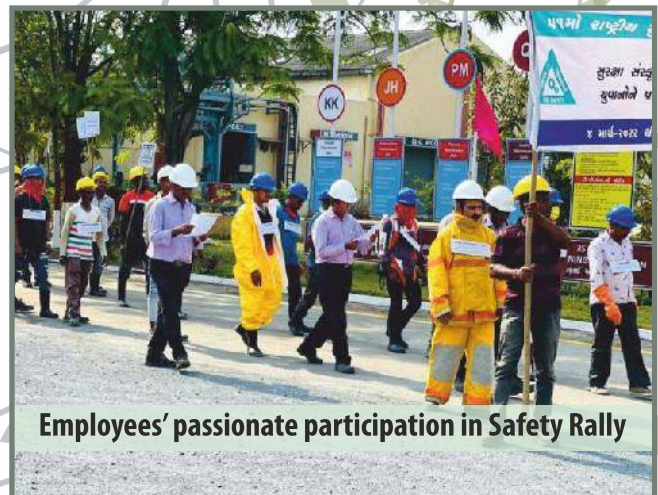
**Recognition and Prize Distribution**



**Employees and associates gathered to take 'Safety Pledge'**



**Gathering for Safety Equipments Exhibition**



**Employees' passionate participation in Safety Rally**

## May 2022: Success stories to share with...

### Apcotex Team @ Paperex 2022

Paperex is an internationally renowned series of exhibitions and conferences focussing on Paper, Pulp and all Allied Industries. Over the years, this leading business event has become the perfect and most comprehensive business platform for showcasing the entire spectrum of products and services relating to the Paper and Allied Industries. At Paperex, one gets to witness latest technologies, machineries and raw materials related to paper & board manufacturing sphere. The show hosts buyers, expertise and various associates from paper & board manufacturing industry.

Apcotex Paper Team with all enthusiasm at Paperex 2022 at Delhi. Great innovation, great response, great appreciation and great victory to Apcotex. A big hit amongst customers.



### Apcotex Team @ National Rubber Conference 2022

Our Rubber team had attended National Rubber Conference, 2022, organized by the All India Rubber Industries Association. The theme of this conference was "Indian Rubber Industries 2.0 Shifting Gears". It was held on the 11th and 12th of May, 2022 at Le Meridien, Gurugram. More than 300 delegates had attended this conference. 20 technical papers were presented by various distinguished speakers from Rubber industries and RM supplier industries.



← **Mr. Bhagaban Panda** had presented paper on "APCOFLEX NITRILE RUBBER – TECHNICAL INSIGHT AND ITS APPLICATION". It was met with appreciation from most of the delegates.

**Mr. Debabrata Chattopadhyay** → had chaired a technical session on 12th May where 4 technical papers were presented. The session was co-chaired by Lanxess-Sales Head.

As a speaker, sponsor, committee member of NRC and Chairperson; AIRIA Chairman felicitated with a memento to each one on the dias.

