

Tuticorin Alkali Chemicals & Fertilizers Ltd successfully commences commercial production of World's First Green Soda Ash

The project aligns with AM International's ESG Initiatives

- * TFL uses novel carbon-capture technology to achieve carbon neutrality in the manufacture of soda ash
- * It is the world's first near-zero soda ash manufacturing initiative

Singapore/Chennai, Nov 4, 2023: Tuticorin Alkali Chemicals & Fertilisers Limited (TFL), part of the green energy solutions business of AM International, Singapore achieved a global milestone in sustainable manufacturing with the start of commercial production of green soda ash, an ingredient used to make products of everyday use. The company achieved this breakthrough by leveraging cutting-edge carbon-capture technology to establish carbon-neutrality in the manufacture of soda ash.

Ashwin Muthiah, Founder Chairman AM International, Singapore ceremonially launched the inaugural production batch of green soda ash at its plant in Thoothukudi, Tamil Nadu. It is the first company in the world to manufacture carbon-neutral soda ash.

To produce green soda ash, TFL set up a CO₂ Recovery Plant to capture carbon from coal used as fuel in its boiler for steam production. The carbon is converted into biomass fuel to eliminate fossil-fuel usage, thus achieving carbon-neutrality in the manufacturing process. Further, TFL uses green ammonium, imported from Egypt, to produce its near-zero soda ash.

Congratulating the TFL team, **Ashwin Muthiah, Founder-Chairman, AMIH, Singapore**, said, "It is a matter of great pride to achieve this carbon-neutral milestone. It aligns with our ESG vision of producing greener product solutions for our customers with the larger goal of contributing to a cleaner environment. The R&D efforts have borne fruit, whereby TFL is able to capture CO₂ from flue gases of bio-mass boiler and reuse it to deliver a near-zero carbon effect, a move towards a circular economy."

TFL is the sole and largest producer of Soda Ash in South India and has been at the forefront of innovation in its manufacturing practices. It has also been relentlessly pursuing its ESG goals and prides itself on using green technology. The company's ground-breaking project to make near-zero soda ash is an endeavor to move away from the use of fossil fuels and reduce greenhouse gas (GHG) emissions.

TFL has built a prestigious list of customers due to its sustainable manufacturing practices. It has already tied up with one of the world's largest MNCs for the supply of green soda ash in the manufacture of detergents, and is optimistic about forging further partnerships.

With its latest accomplishment, TFL has taken a step towards the AM International's commitment to the circular economy, and a cleaner, more sustainable future.

For Immediate Release

Also known as sodium carbonate, soda ash is a key ingredient in a wide array of products. It's in the windows of our homes, in laundry detergents and rechargeable batteries that power our appliances, among other things. So, it's fair to say that life without it is almost unthinkable.

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About Tuticorin Alkali Chemicals and Fertilizers Limited (TFL):

(<https://www.tacfert.in/>)

TFL, a part of the Singapore-based AM International, is a leading manufacturer of Soda Ash in India and the only player in South India. It produces all grades of Soda Ash and also co-produces Ammonium Chloride fertilizers through an eco-friendly dual process.

The Unit was set up in the year 1981. It is located at Tuticorin, Tamil Nadu contiguous to the SPIC Fertilizer Plant.

About AM International:

(www.aminternational.sg)

AM International is a diversified, multinational group of companies with a federated operating architecture. Headquartered in Singapore, it has been trusted by millions of customers for over six decades. Today, many group businesses are market leaders with footprints across South East Asia, India and the United Kingdom. The group's business verticals include Fertilizers, Supply Chain, Petrochemicals, Infrastructure, Healthcare and Green Energy. The group's CSR activities are helmed under the AM Foundation, and its initiatives are focused on primary healthcare such as safe water, basic sanitation & hygiene, nutrition, immunization and education.

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