



Sanmar's Sustainability Initiatives

An Investor in Society

As a socially responsible and sensitive corporate, Sanmar has always discharged its responsibility towards society at large.

- Chemplast Sanmar was the first in India to adopt the EDC route (chlorination of ethylene) in the manufacture of Poly Vinyl Chloride as an alternative to the carbide route, using a renewable resource like molasses to manufacture industrial alcohol and convert ethanol into ethylene.
- Chemplast Sanmar completely replaced the legacy mercury cell process with the environment-friendly membrane cell process to manufacture caustic soda ahead of the timeline stipulated then. Its compliance with statutory environmental requirements equals the requirements in the developed world.
- Chemplast Sanmar was one of the earliest manufacturers of PVC and chloromethanes to use an incinerator to eliminate pollutants completely.
- To achieve zero discharge of liquid effluents at its facilities at Mettur, Cuddalore and Karaikal, pioneering steps in effluent treatment were initiated. These plants completely recycle and reuse liquid effluents.
- The marine terminal facilities at Karaikal and Cuddalore ensure the direct transfer of the chemicals Ethylene and Vinyl Chloride Monomer (VCM), from ships into storage tanks, thereby safely feeding the production facilities.



The Sanmar Nahar BNHS Bird Migration Study Centre, inaugurated in April 2007 in collaboration with the Bombay Natural History Society (BNHS) at Point Calimere, a natural habitat for rare migratory birds, serves as a platform for the study of birds and habitat restoration measures.

Awards and recognitions

Environment, Health and Safety Awards

- The National Safety Council of India, Tamil Nadu chapter, recognises significant contributions made by factories in promoting Safety and Health in Tamil Nadu and Puducherry by Health and Safety Awards bi-annually. The following Sanmar companies won awards: Chemplast Sanmar, Cuddalore – Safety Star Award, Chemplast Sanmar, Mettur Plant II – Safety Star Award, Chemplast Sanmar, Mettur Plant III – Safety Star Award, Chemplast Sanmar, Karaikal – Safety Star Award, Cabot Sanmar, Mettur – Safety Appreciation Award, Flowserve Sanmar, Karapakkam – Safety Appreciation Award, Pentair Sanmar, Viralimalai – Safety Appreciation Award, April 2017.
- The Chemplast Sanmar Karaikal plant won the FICCI Sustainability Award for Excellence in Safety, on 21 September 2017.
- Chemplast Sanmar won the Award for Efficiency in Energy Usage in the Petrochemicals Sector at the FICCI Chemicals & Petrochemicals Awards 2016
- Chemplast Sanmar won the Corporate Governance and Sustainability Vision Award 2016 from the Indian Chamber of Commerce.

Cover photos: Clockwise from top • Pacific Valves Division, Xomox Sanmar, Viralimalai, Tamil Nadu

• Sanmar Majesty, a double hulled chemical tanker • Acerlan Matrix Metals, Mexico • PVC plant, Chemplast Sanmar, Cuddalore, Tamil Nadu.



- TCI Sanmar Chemicals has been recognised for its excellent safety standards in the field of chemical manufacturing by the Ministry of Manpower and Emigration, Arab Republic of Egypt, July 2016.
- Cabot Sanmar has been conferred the Excellence Award in Environment, Health and Safety (EHS) and a 3-star rating by the Confederation of Indian Industry (CII) Southern Region, 2015-16.
- The Sanmar Group Chemicals and Engineering divisions received several awards for excellence at the CII

Environment, Health and Safety Awards on March 2015 at Chennai.

- The Sanmar Group won two safety awards and two Commendation Certificates from the National Safety Council of India, Tamil Nadu Chapter on 18 December 2014 for Chemplast Mettur and Cuddalore.
- Tamil Nadu State Government safety awards: Chemplast Mettur Plant II bagged six awards, Chemplast Mettur Plant III three awards and Chemplast Mettur Plant I one award for the years 2010, 2011 and 2012. Sanmar Speciality Chemicals, Berigai, won the first prize for highest reduction in accident rate for 2012. Chemplast Cuddalore won the third prize for highest reduction in weighted accident frequency rate in 2011. The Ministry of Rural Industries and Labour, Government of Tamil Nadu, at a function held at Chennai on 26 November 2014, gave these awards.

• Chemplast Sanmar's eighth and ninth Sustainability Reports (2015-16 and 2016-17) were developed and released as per the "in accordance" comprehensive option as defined by the GRI G4.0 Guidelines. Ernst & Young LLP provided limited assurance for the reports.

• Acerlan Matrix Metals S.A. de C.V., belonging to the Steel Castings Division of Sanmar Engineering Technologies Limited, received the Mexican Steel Foundry Society's (SMF) "Large Foundries Award" on 2 December 2017.

- At the 56th Awards Nite of ABCI held at Mumbai in October 2016, Sanmar's newsletter Scribbles won a gold for design and a silver under the newsletter category.
- At the 38th All India Conference of PRSI held in Kolkata on 16 December 2016, Sanmar won two national awards. While Scribbles won the first prize under the newsletter category. The book Cricket for the love of it, won the third prize under the prestige publication category.



Socially Responsible Efforts

Healthcare and Educational Institutions

With Sanmar, social responsibility has been a way of life. Major beneficiaries of the Group's CSR initiatives include well known research, educational and healthcare institutions such as the Cancer Institute at Chennai, Sankara Nethralaya, and the Madhuram Narayanan Centre for Exceptional Children; research centres such as the Mrs. Madhuram Narayanan Vascular and Autonomic Function Unit at the Institute of Neurological Sciences, as well as educational institutes such as IIT Madras, among others.

Madhuram Narayanan Centre for Exceptional Children

This is a centre for special education supported by The Sanmar Group for over 28 years. The centre provides early intervention and specialised training for children with various types of developmental delays and associated conditions. The programmes are designed to help special children transition into mainstream schools. The centre has received considerable recognition for its commendable work.

Madhuram Narayanan Charitable Foundation

The foundation funds the 'Save-a-child' scheme and provides a lifeline to children with heart disease through Apollo Hospitals Charitable Trust. The foundation works with the philanthropic wings of industry associations such as the Confederation of Indian Industry (CII) and NGOs such as The Banyan and REACH for tuberculosis research.

