



ICC Award 2013



ICC AWARDS FOR 2013 FOR VARIOUS CATEGORIES HAVE BEEN ANNOUNCED

ICC ACHARYA P.C. RAY AWARD FOR DEVELOPMENT OF INDIGENOUS TECHNOLOGY

Conferred on

AVRA LABORATORIES PVT. LTD., HYDERABAD

AVRA Laboratories has achieved significant breakthrough in manufacturing an anti-cancer drug – Irinotecan, through a total synthesis of 7-Ethyl-10-hydroxycamptothecin (SN-38). The innovative technology developed by Avra is the total synthesis of Irinotecan, a compound with high molecular complexity. This drug is a semi-synthetic derivative of the natural product Camptothecin and used to treat colorectal cancer. Using a 20 step synthesis, Avra has developed a commercially viable process to produce Irinotecan and its intermediates with a higher purity at a lower cost. Conventionally, Irinotecan and its intermediates such as SN-38 is made from Camptothecin, a compound derived through extraction from a plant source – Camptotheca acuminata.

ICC AWARD FOR EXCELLENCE IN CHEMICAL PLANT DESIGN & ENGINEERING

Conferred on

GUJARAT STATE FERTILIZERS & CHEMICALS LTD., VADODARA

GSFC has developed the process of producing Hydroxyl Amine Sulphate crystals from 26% hydroxyl Amine Sulphate solution in laboratory and pilot plant. It is completely an in-house technology development. Based on data obtained from pilot Plant GSFC has designed and installed 1200 MTPY capacity HAS Crystal Plant. This helped in reduction of imports by 1200 MTPY of HAS crystals. GSFC has been awarded patent on this process know-how.

ICC AWARD FOR EXCELLENCE IN MANAGEMENT OF HEALTH / SAFETY / ENVIRONMENT

CATEGORY – I : ANNUAL SALES REVENUE ABOVE RS. 500 CRORES

Conferred on

E.I.DUPONT INDIA PVT. LTD., GURGAON

E. I. DuPont adheres to the highest standards to ensure the safety, health of employees', customers and the community in general in which it operates. DuPont India Knowledge Centre achieved 5 years of injury free operations. Its plants at Madurai and Savli have achieved 13 years of injury-free operations and the Savli Plant has a zero discharge facility.

AND

CATEGORY – I : ANNUAL SALES REVENUE ABOVE RS. 500 CRORES

Conferred on

NAGARJUNA FERTILIZERS AND CHEMICALS LTD., KAKINADA

Nagarjuna Fertilizers and Chemicals have implemented 14 elements of Process Safety Management. The continual reduction in air emission which is much below the level stipulated by State Pollution Control Board. NFCL has a zero discharge site. It has all the facilities for fire safety and emergency response. People are regularly trained and mock drills and table top exercise are conducted regularly.

CATEGORY – II : ANNUAL SALES REVENUE BELOW RS. 500 CRORES

Conferred on

NATIONAL PEROXIDE LIMITED, MOHONE, KALYAN, MAHARASHTRA

At NPL (National Peroxide Ltd.) all manufacturing processes are closely monitored with DCS and Advance Process Control ensuring compliance to all required safety standards and control of environmental emissions. With its focus on 'reduce-recycle-reuse' approach for water conservation, NPL has most modern and technologically advance Effluent Treatment Plant having latest technology of tertiary treatment system consisting of Dissolved Air Floatation, UV Treatment and Reverse Osmosis. Other advance treatment techniques are being explored for achieving zero discharge.



ICC AWARD FOR EXCELLENCE IN ENERGY CONSERVATION & MANAGEMENT

CATEGORY – I : ANNUAL SALES REVENUE ABOVE RS. 500 CRORES

Conferred on
**BHARAT PETROLEUM CORPORATION LTD.,
MUMBAI REFINERY**

At BPCL refinery, energy optimization is emphasized through rainwater harvesting, condensate recovery, steam leak management, use of VFD, high efficiency motors and appliances. Technology is leveraged for improving energy efficiency by modification in process units, use of Advance Process Control (APC) Systems, Modeling techniques, etc. These initiatives resulted in improving the Specific Energy Consumption of Mumbai Refinery from 71.95 MTBU/NRGF/BBL in 2009-10 to 66.45 MTBU/NRGF/BBL in 2012-13, making it the 2nd best in Energy Intensity Index amongst PSU refineries in India, as per benchmarking study by Centre for High Technology (CHT).

CERTIFICATE OF MERIT:

Conferred on
CENTURY RAYON

(Divn. of Century Textiles & Industries Ltd.) Shahad, Maharashtra

Century Rayon has a successful track record towards energy conservation and management. The company, being a Responsible Care Organisation, leaves no scope for wasting Energy in any form and is adapting the Philosophy of 3R - Reduce, Reuse, Recycle. Energy Conservation Targets are well planned at the beginning of the year and taken as Mission by each department and the road Map for energy conservation is prepared well in time. These Mission targets are reviewed on a monthly

basis. All the Energy saving Schemes identified through Department goals or Projects, Suggestion Schemes, Energy Loss Red Tag and COPQ's are implemented.

CATEGORY – II : ANNUAL SALES REVENUE BELOW RS. 500 CRORES

Conferred on
ASIAN PAINTS LIMITED, PANOLI

At Asian Paints, measures were taken to reduce operating load from 1200+ kW to 1160 kW, major savings were achieved when innovative heat recovery system, coupled with up gradation of steam turbine, was implemented. This combination enabled reduction in Natural gas consumption by over 35%, from 3500 Nm3 day to 2200 Nm3 day, and corresponding reduction in Carbon Dioxide Emission by over 30%.

CERTIFICATE OF MERIT:

Conferred on
NATIONAL PEROXIDE LIMITED

Mohone, Kalyan, Maharashtra

NPL is one of the few companies which have implemented Energy Management System (ISO 50001:2011) as part of its Integrated Management System. Some of the key implemented projects include installation of Energy Efficient Screw Compressors with Variable frequency Drive unit, Trimming of pump impellers, Replacement of old pumps with Energy Efficient Lowest Lifecycle Cost pumps, installation of High, Premium efficiency IE2 and IE3 Energy efficient motors, and replacement of old Light fittings with LED type light fittings has resulted in significant reduction in power consumption.

ICC AWARD FOR WATER RESOURCE MANAGEMENT IN CHEMICAL INDUSTRY

CATEGORY – I : ANNUAL SALES REVENUE ABOVE RS. 500 CRORES

Conferred on
ESSAR OIL LIMITED

Jamnagar Refinery, Gujarat

Many Water Conservation Projects are implemented at Essar Oil with cost about Rs 8.0 cores & resulted saving of about Rs 10 crores till 31st Mar' 14. The Refinery has installed modern state of the art Waste Water Treatment plant by M/S VA TECH WABAG to handle wastewater from Refinery (process, tankage, loading and utility areas). All wastewater generated in the refinery is treated to meet the disposal standard as given by Statutory Authority. As rainwater harvesting, six rain water ponds (total capacity = 200,000 M3) at strategic locations are created for holding rainwater during monsoon which is being used for horticulture and improving ground water quality.

CATEGORY – I : ANNUAL SALES REVENUE ABOVE RS. 500 CRORES

Conferred on
LANXESS INDIA PRIVATE LTD.

Thane, Maharashtra

The waste water post treatment plant, which deploys ion exchange resins and RO membranes manufactured by LANXESS, is a perfect example of their commitment towards water resource management. Their site at Nagda already had a full-fledged effluent treatment plant (ETP) and a state-of-the-art sewage treatment plant which treated sewage water from the colonies around and rendered it fit for use in the production processes. This plant, commissioned in November 2012, treats the discharge from the existing ETP in a manner that virtually no liquid effluent is discharged from the site. The water recovered from this plant is used for the production

▶▶▶ processes, which not only bridges the gap in availability of water during the summer months but also prevents contamination of river Chambal, the primary source of water for the villagers downstream.

CATEGORY – II : ANNUAL SALES REVENUE BELOW RS. 500 CRORES

Conferred on

SOLVAY SPECIALITIES INDIA PVT. LTD.

Panoli, Gujarat

Solvay has committed by the year 2020 to (a) reduce further by 10% the withdrawal of drinking water and

groundwater and (b) implement a Sustainable Water Management in 100 % of our sites under water stress. The site voluntarily adopted the ground water remediation based on historical contamination before acquisition. Remediation is done through hydraulic containment. Abstracted water is treated and recycled. Besides a state of the art waste water treatment facility is installed for treating the effluent streams and recycle them back into the process. This has been able to reduce effluent discharge quantity by 80% and fresh water consumption by 40%. The water treated from both these systems meets stringent water quality requirements such as boiler feed water.

ICC AWARD FOR SOCIAL RESPONSIBILITY

CATEGORY – I : ANNUAL SALES REVENUE ABOVE RS. 500 CRORES

Conferred on

RELIANCE INDUSTRIES LIMITED

As a Corporate citizen, RIL has integrated its Corporate Social Responsibility (CSR) around business philosophy to promote inclusive growth. RIL CSR policy as articulated in 2006 by the Chairman Honorable Sh. Mukesh D. Ambani is focused on creating and enhancing value of different assets - Human, Physical, Environment and Social. It also encourages employees to carry out voluntary CSR programmes as well.

Reliance foundations, the social & charitable arm of the group under the chairperson of Smt. Nita M. Ambani is instrumental spearheading the CSR initiatives on pan India basis mainly focusing on Rural transformation, improving quality of education, affordable quality health care, urban renewal, promotion of social & culture welfare & preservation of its rich heritage.

CATEGORY – II : ANNUAL SALES REVENUE BELOW RS. 500 CRORES

Conferred on

ULTRAMARINE & PIGMENTS LIMITED

Ranipet, Tamilnadu

Ultramarine & Pigments Ltd. has the social service wing; Thirumalai charity trust (TCT) has started its operations around the factory. The scope of activities has expanded along with the growth of the company. UPL is located in a backward district. The leadership has felt the need of development of the community around it. UPL has chosen its area of operation as 317 villages in the 3 blocks (Block is a panchayat union comprising of a number of panchayats (villages) in Vellore district. Its first activity was targeted on the emancipation and empowerment of women who are less educated, and poor.

ICC LIFETIME ACHIEVEMENT AWARD



Conferred on

MR. CHIMANLAL K. MEHTA

Chairman, Deepak Group.

ICC D.M.TRIVEDI LIFETIME ACHIEVEMENT AWARD FOR CONTRIBUTION TO INDIAN CHEMICAL INDUSTRY



FOR MANAGEMENT OF INDUSTRY:

Conferred on

MR. D. P. MISRA

Director

Development Consultants Pvt. Ltd.



FOR EDUCATION & RESEARCH

Conferred on

DR. M. O. GARG

Director, Indian Institute of Petroleum, Dehradun

The Awards will be presented to the winners at a **Special Function** being organised on 30th September 2014 at Taj Mahal Hotel, Mumbai. **Shri Ananth Kumar**, Hon'ble Minister for Chemicals & Fertilizers, Government of India has kindly agreed to be the **CHIEF GUEST**. **Padma Vibhushan Dr. Anil Kakodkar**, Former Chairman, Atomic Energy Commission of India, will be the **Guest of Honour**.

