

Seminar-cum-Workshop on

# Water Conservation & Distillery Effluent

Treatment Technologies  
for **Zero Discharge**

Date: 26th & 27th February 2011

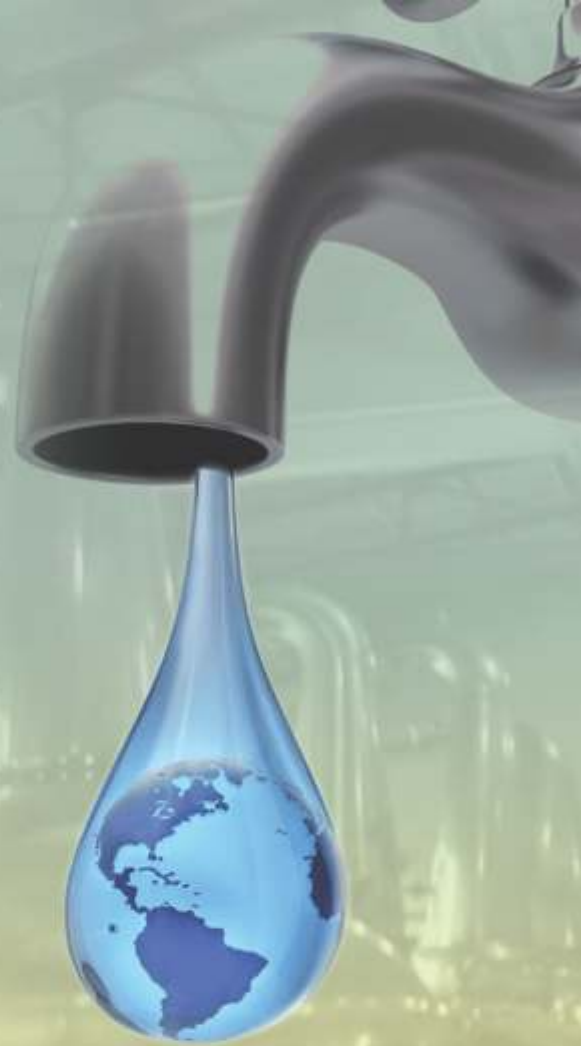
Organized by:

**AIDA**

in association with :



**Venue:** Hotel Crowne Plaza Today Okhla  
Okhla Industrial Area, Phase-1, New Delhi - 110020





## ■ CPCB Chairman's Message



I am happy to know that All India Distillers' Association (AIDA) is organizing a Seminar-cum-Workshop on effluent treatment - zero discharge in distilleries on the 26th and 27th February, 2011.

The Central Pollution Control Board (CPCB) shall render all necessary support and information pertaining to status of effluent treatment in Indian distilleries. It is very heartening to know that the distillery industry is sincere on the

problem of effluent treatment. I appreciate the endeavour of AIDA to take up the subject amongst the distilleries fraternity. However, I feel still a lot remains to be done to ensure complete zero discharge in this sector. I hope this Seminar brings forth the knowledge on workable and applicable technologies for achieving zero discharge norms.

I wish all the best to organizers and participants for the success.

**(S.P. Gautam)**  
Chairman CPCB

## ■ AIDA President-Message



I congratulate AIDA for very timely organizing the Seminar-Cum-Workshop on water conservation and effluent treatment to achieve zero discharge in distilleries, in New Delhi. The subject of distillery effluent treatment has been occupying the distillery industry's attention for over 30 years and the industry is still in a

quandary to choose the most suitable technology to achieve zero discharge satisfactorily, according to the norms fixed by the Ministry of Environment, Government of India.

In my opinion the industry should have an option of 3-4 technologies, out of which, the best technology suitable to a particular unit according to its financial viability and its geographical location etc. could be selected at its choice. The technology must be financially and commercially viable for the industry so that all the distillery units, big, medium and small should be able to conveniently adopt the same. The industry is awake to the problem of effluent treatment and maintaining environmental cleanness.

It is therefore very appropriate that the Central Pollution Control Board (CPCB) has agreed to associate with AIDA to consider not only the existing options but also some new and upcoming technologies available in the field and to discuss all these technologies threadbare to arrive at a decision on applicable and viable technologies for the benefit of the industry to facilitate satisfactory treatment of its effluents.

I am happy that the CPCB has also considered it fit to sit with the industry and arrive at some final solution in the matter in the long term perspective and wish all the success to this endeavour.

**B.K. MURKUTE**  
President, All India Distillers' Association, New Delhi.

## ■ AIDA Vice President Message



Dear Friends,

Economic growth of the nation seems to be an important factor to provide a better life to its citizens. Industrialization has become an important tool to achieve and accelerate the

national GDP of India.

In India, more than 250 distilleries are using molasses to produce alcohol. The effluent is highly rich in organic component but act as organic pollutant if discharged.

As India is a developing country we are also facing a severe energy crisis. We will always have to look at technologies that give equal importance to energy & water while treating any effluent. Protecting our ground water reservoir is the need of hour.

It is very appropriate for Distillery industry to work together with CPCB to look out for cost effective solutions with low initial investment and arrive at some solution that are in the long-term interest of this industry.

I congratulate AIDA for organizing this seminar and hope that it would be a great success.

Best wishes,

**Gurmeher Singh Majithia**



## ■ About the Seminar

The All India Distillers Association is pleased to announce the organization of Seminar-Cum-Workshop in association and under the guidance of CPCB, New Delhi to be held on 26th and 27th February, 2011 at the venue given above.

This is the ultimate Seminar on technologies and processes adopted by the distillery industry all over the country to achieve zero discharge norms, as prescribed by the Central Pollution Control Board (CPCB) and Ministry of Environment & Forests, Govt. of India. The distillers are aware that a Charter of Understanding was signed by AIDA with the CPCB during the year 2003 and it was agreed that the distillery industry in the country shall achieve zero discharge norms by 31st December, 2005 through various technologies and processes recognized and approved by the CPCB. A protocol was also provided by the CPCB for the benefit of the industry, prescribing guidelines for achieving zero discharge norms for each of the seven technologies for the desired results. The technologies approved, were as follows:-

- (a) Bio-methanation
- (b) Reverse Osmosis (R.O)
- (c) Ferti-irrigation
- (d) One time land application
- (e) Incineration and evaporation
- (f) Bio-composting
- (g) Turbomist Evaporator technology.

Many distilleries have followed these guidelines and invested crores of rupees in purchase of land and equipments for the desired technologies to achieve zero discharge. However, the desired results for the entire industry still do not seem visible on the horizon. Distilleries are facing enormous problems and difficulties in

implementing the program of zero discharge and are still looking for technically and commercially viable solutions. In this regard this Seminar shall be a big step forward in consultation with CPCB and its learned officials towards the goal of a final technology which could be applicable, feasible and commercially viable for all the distilleries. The distilleries will be encouraged to put up their cases in front of the CPCB during the Seminar and come out with the problems and various difficulties they have been facing in achieving zero discharge.

Secondly, the problem of discharge of waste water by the distilleries can be minimised by conservation of water in distilleries which will ultimately result in lower volume of discharge of waste water as well as saving of water, a precious commodity. All the technologists, distillers, technical experts, technology and equipment suppliers will put up their heads together alongwith the officials of the CPCB and endeavour to come out with a workable solution which could satisfy the discharge norms fixed by the Ministry of Environment and Central Pollution Control Board for zero discharge of effluent by the distillery industry.

This is therefore a golden and rare opportunity for all the distillers and technology providers to present their technologies and make presentations during the Seminar for achieving the desired and expected results for the distillery industry. The topics to be covered during the Seminar are as below:-

- (a) Water conservation in distilleries.
- (b) Effluent treatment technologies and processes available to the distillery industry in India including grain based distilleries.
- (c) New and upcoming technologies and processes for treatment of effluent for achieving zero discharge.



## ■ Fees

The fees for making a presentation only is Rs. 25,000/- with two free delegate passes.

The registration fee for participants to the Seminar has been kept at very nominal level at Rs. 5,000/- per participant for the Two Day Seminar.

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**For further details and enquiry Contact:**  
**All India Distillers' Association**

805 Siddharth, 96 Nehru Place, NEW DELHI.

**Tel:** 26432743, 26444974, 2647662 **Fax:** 26476628 **E-mail:** distiler@vsnl.net, io@aidaindia.org.