

AIDA

All India Distillers' Association

2 day seminar on

***"Fermentation and Distillation technologies to improve alcohol recoveries and production",
"Water and Energy conservation in distilleries",
"Effluent Treatment technologies to achieve Zero Spentwash Discharge (ZSD)"
vis-à-vis latest developments and CPCB's directions"***



8th - 9th October, 2015

at

**The Capitol, No 3, Raj Bhavan Road
Opp. G.P.O Bangalore- 560001**

About the Seminar

The All India Distillers' Association (AIDA) is organising a 2 day national technical seminar on 8th-9th October, 2015 at Hotel The Capitol, Bengaluru to highlight various problems, issues and important subjects facing the distillery industry today. The primary objective is to improve alcohol recoveries and update production technologies including fermentation and distillation technologies and meet the challenges of ever increasing requirements of alcohol / ethanol in the near future. The subject matter of Effluent Treatment to achieve Zero Spentwash Discharge (ZSD) as prescribed by the Ministry of Environment and Forests (MOEF) and Central Pollution Control Board (CPCB) under CREP programme is the burning issue today, particularly under the Government of India's programme of Cleaning Ganga (priority) as also all the rivers in the country under the "Swachh Bharat Abhiyan".

AIDA is therefore pleased to inform all members, colleagues, technology providers, technical expert, distillery managers and other stake holders about this important seminar at this critical juncture, to find solution, update technologies and look for new applicable, sustainable and technically viable technologies with regard to following topics. The seminar will provide a crucial insight into the alcohol industry and challenges that the industry faces under the constantly changing industrial scenario.

The subjects to be focused during the seminar are as below:

1. Fermentation and distillation technologies to improve alcohol recoveries and quality from molasses, in the wake of heavily increased requirement of alcohol in very near future.
2. Water – Energy conservation in distilleries production process.
3. Latest important development vis-a-vis CPCB's directions to achieve Zero Spentwash discharge (ZSD) in distilleries.

Fermentation and Distillation

There is no second opinion that improvement in fermentation and distillation technologies is the constant need for the industry to improve recoveries of alcohol from available quality of molasses vis-a-vis the policy of the Govt. to increase percentage of ethanol blending with petrol from the present 5% to 15% by the year 2017. It is all the more important for the industry to increase its production as also to widen the field of its sources of raw-materials and feed stocks. There is no doubt fermentation is the net profit in a distillery.

Secondly, the industry must always endeavour to conserve water and energy usage and ensure recycling of waste water as much as possible for ensuring reducing consumption of water and energy in the production process. The lowering of the usage of water in production process which ultimately results in lowering quantum of discharge of waste water (effluent) will in turn reduce the effluent treatment load on the unit thereby lowering down the burden of treating the effluents to that extent. Efficient fermentation is therefore the key to increase production, improving quality and cost reduction.

We therefore invite papers / presentations from all technology providers, Yeast Experts and quality Enzyme suppliers and providers to grab this opportunity and come forward to showcase and market their technologies and products & wares to the industry and improve their sales.

Effluent Treatment

The Second day of the seminar will be dedicated to the all important and vital subject of all our seminars that of "Distillery Effluent Treatment Technologies to achieve Zero Spentwash

Discharge (ZSD)". The subject has been regularly discussed in all our earlier seminars yet solutions to the subject still allude the industry. It is no doubt the responsibility of the industry to treat its effluent as per the norms provided by the MOEF & CPCB particularly under the present circumstances when impetus is on cleaning the Ganga River with priority and all the rivers ultimately. Therefore no effluent what so ever should be allowed to flow into the rivers or any water body. It has been felt that the more we discuss about the subject the better solutions or additions to the present technologies emerge, as a result.

The MOEF under its CREP programme had given to the industry an option of 7-8 technologies to choose from and apply either a single technology or a combination of 2-3 technologies with the final goal of achieving ZSD and any spentwash discharge either on land or any river or any other water body is not allowed under any circumstances. As already mentioned the problem of effluent treatment can be minimised to a great extent by reducing our consumption of water per litre of alcohol through best of our efforts.

However, as a result of the constant discussion and interaction for a prolonged period of last 4-5 years, the CPCB has agreed with the industry to allow adoption of bio composting and/or incineration of effluent among other technologies to achieve zero discharge. Similarly we have been successful in convincing the CPCB to agree to shift, stand-alone bottling units from "Red Category" to "Orange Category" The details about the CPCB's decision shall be discussed at length by the Director General, AIDA during the seminar. It is felt although some goals have been achieved yet a lot remains to be done to make entire industry a ZSD industry. The industry has never deviated from its aim and assurance to the MOEF to achieve complete ZSD but few other issues remain to be sorted out before the industry can take up the issue to achieve ZSD universally. This is where the technologists and technology providers are required to come forward and suggest, provide and introduce financially and technically viable technologies to the industry. We still are of the opinion that this is not the end of our search for some technologies to achieve ZSD. Our efforts should and would continue to look for new and viable technologies, if available, for the benefit of the industry.

We therefore invite all technology providers and technical experts to come forward and put their heads together and come out with solutions for the industry, to this issue. There is no way the industry can do without the help from the experts and technology providers in this regard. We therefore hope to see that all stake holders in this matter coming forward and make their presentations to ensure success for the industry's endeavour.

We also invite all distillers and AIDA members and industry captains & technical personnel in the country to attend this all important 2 day seminar, not only to gather first hand knowledge on the above mentioned important subjects through the presentations and discussions with the experts in their field but also to interact with and among the best brains in their fields to learn about all the new innovations and new technologies coming up in the world and exchange views with these experts and other stake holders. In addition members shall be provided first hand information about the latest development that have emerged from the prolonged discussions and interaction with the MOEF, CPCB and Ministry of Agriculture with regard to achieve ZSD. **You are therefore requested to keep the dates free and ensure, you do not let go this opportunity to be among the industry's best technical and professional personalities in these fields.**

We give below other infrastructural information about the seminar as below:-

Fees Etc.

There is no fee for AIDA members for making a presentation, but a prior approval of the presentation is mandatory.

A fee of ₹ 30,000/- for non members and 550 US \$ (inclusive of Svc. Tax) for foreign delegates and or service providers, for making a presentation is payable including 2 free delegate passes.

The registration fee for participants to the seminar has been kept at very nominal level of ₹ 5000/- for members and ₹ 7500/- for non members (incl. of Svc. Tax) per participant for the 2 day seminar.

Sponsorship Opportunities:

Sponsorship presents the opportunity for you to position your business strategically in your industry. Sponsorship of the event ensures your company a unique and focused means of enhancing your profile, strengthening your brand and showcasing your services to dedicated audience of decision makers & technical personnel. A range of sponsorship opportunities is available to suit your individual budget and objectives.

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