

SATISH CHANDER

Director General

THE FERTILISER ASSOCIATION OF INDIA



T/21.3
April, 4 2019

Dear Sir,

Subject: Group Discussion on 'Operation and Maintenance Problems of Acid and Complex Fertilizer Plants' during 29th to 31st May 2019, Goa

Production of Sulphuric acid, phosphoric acid and complex fertilizers involves sophisticated technologies and equipments. Severe chemical environment necessitates special consideration for selection of appropriate materials of construction. Handling of large quantities of both liquid and solid materials requires deployment of a variety of material handling equipments. Reliable operation and maintenance of such plants is vital for achieving high on-stream efficiency, high raw materials efficiency and improved product quality. Safe operation of the plants and preservation of environment can also be achieved only when high standards are maintained in operation and maintenance of these plants.

A large number of sulphuric acid, phosphoric acid and complex fertilizer plants are operating in the country and there is a vast pool of knowledge and experience available within the industry. Sharing of such experience and knowledge can help the plant personnel to improve the plant productivity. Our past experience shows that such discussions have been found to be of immense value by the participants.

In this context, we are organising a Group Discussion on 'Operation and Maintenance Problems of Acid and Complex Fertilizer Plants' during 29th to 31st May, 2019 at Regenta Resort Varca Beach, Varca, Pedda, Uttrodesi, Salcette, South Goa, India-403721. The three day Programme will cover the operation and maintenance problems of acids and complex fertilizer plants. It will also include visit to the manufacturing facilities at ZACL, Goa. The programme is targeted at personnel engaged in operation and in mechanical, electrical and instrumentation maintenance.

Boarding and lodging arrangements have been made in the Hotel Regenta Resort Varca, Beach, Goa. The registration fee will be Rs.18000/- plus GST per participant on double occupancy and Rs. 24000/- plus GST per participant on single occupancy. This includes boarding and lodging for 3 nights (29th, 30th and 31st May) at Hotel. The fee does not include to and fro travel. Further information on the Group Discussion is enclosed.

We are sure that you would like to avail this opportunity by nominating engineers from the area of operation and maintenance of acid and complex fertilizer plants. The problems being faced by the plants are collected in advance from the participants attending the Discussion. It is therefore, requested that the nominations should be sent at the earliest but not later than 17th May 2019. The registration form along with due registration fee should be sent to Dr. S. Nand, Deputy Director General, FAI, New Delhi, tech@faidehli.org.

Thanking you,

Yours faithfully,

(Satish Chander)

Information Sheet

Group Discussion on “Operation and Maintenance Problems of Acid and Complex Fertilizer Plants” 29th -31st May, 2019 Regenta Resort Varca Beach, Goa

Agenda

1. Participants will have to send the operation and maintenance related problems of their unit for discussion to FAI (tech@faidelhi.org) in advance for drawing the programme for discussion. It is absolutely essential that problems be sent to us at the earliest (in advance) to enable to draw the agenda for discussion. The format for collecting problems will be sent to the participants.

2. **Plant Visit:**

A visit to the production facilities of Zuari Agrochemicals Limited will be arranged for the participants.

Zuari Agro Chemicals Limited operates a 700 MTPD Ammonia plant based on the ICI Steam reforming process. The initial feedstock of ammonia plant was naphtha which has been switched over to natural gas in early 2013. The 1210 MTPD Urea plant is a single stream plant and utilises a Mitsui Toatsu total recycle- C process. ZACL also operates two streams of NP/NPK complex fertilizer plants are based on slurry granulation process utilising pipe reactor technology and manufactures various grades of NP/NPK complex fertilizers. It produces grades such as 28:28:0, 18:46:0, 19:19:19, 14:35:14 and Di Ammonium Phosphate.

3. **Check-in and Check-Out**

The Participants may check in on 29th May 2019 from 1400 hrs and checkout on 1st June by 1100 AM. The stay arrangements are for 3 nights. For any additional stay prior to 29th May or after 1st June (1100 AM) participants will have to pay directly to the hotel.

4. The programme will start with registration on 29th May 2019 at 1930 hrs. The programme will be over by the evening of 31st May 2019. A copy of the Programme is attached.

5. **Stay Arrangements**

The programme will cover the boarding and lodging of participants for 3 nights. However, for any additional expense such as extra stay, room service, guests, telephone calls, laundry, beverages, etc., the participants will have to pay directly to the hotel. If the participant is desirous to bring their spouse and children, it may be communicated in advance. The expense towards their stay will have to borne by the participants and directly paid to the hotel.

6. **Location**

The hotel is located in South Goa. The distance of hotel from Dabolim airport is around 27 Kms and from Madgaon Railway station it is 8 Kms.

FAI Group Discussion on
"Operations and Maintenance Problems of Acid and Complex Fertilizer Plants"
29-31st May 2019,
Regenta Resort Varca, Goa

TENTATIVE PROGRAMME

Wednesday 29th May 2019

**1400 hrs onwards : Arrival of Residential Participants
Lunch**

1930 hrs. : Registration and Dinner

Thursday, 30th May 2019

0900 hrs. : Opening Session

0930 hrs. : Presentation on Improving Productivity of ZACL, Goa

1030 hrs. : Tea

1100 hrs. : Discussion on Problems Related to Sulphuric Acid Plants

1300 hrs. : Lunch

1400 hrs. : Discussion on Problems Related to Phosphoric Acid Plants

1530 hrs. : Tea/Coffee Break

1600 hrs. : Discussion on Problems Related to Complex DAP/NPK Plants-Part I

1930 hrs. : Dinner

Friday, 31st May 2019

0900 hrs. : Discussion on Problems Related to DAP/NPK Plants Part II

1030 hrs. : Tea/Coffee Break

1100 hrs. : Discussion on Storage and Offsite Facilities

1230 hrs. : General Discussion and Conclusion

1300 hrs. : Lunch

1400 hrs. : Visit to the Facility of ZACL Goa and sightseeing

2000 hrs. : Dinner

Saturday, 1st June 2019 Departure of Participants

Email : acctt@faidelhi.org
secy@faidelhi.org
Website : www.faidelhi.org



Telephone : 46005204
Fax : 26960052

The Fertiliser Association of India
Registered Office : FAI House, 10, Shaheed Jit Singh Marg
New Delhi – 110 067
CIN : U85300DL1955NPL002999

Canara Bank

Bank Details:	
Baneficiary Name	THE FERTILISER ASSOCIATION OF INDIA
Baneficiary Address	FAI House, 10, Shaheed Jit Singh Marg, New Delhi – 110 067
Baneficiary Tel.No.	011-46005235
Bank Name	Canara Bank
Bank Address	Jit Singh Marg, New Delhi - 110 067
Bank Telephone No.	011-26960890 / 011-26960593
Bank Fax No.	011-26601661
Branch Name	Jit Singh Marg, New Delhi - 110 067
Bank Code & Branch Code	1484
SWIFT Number / RTGS	cnrb0001484
Bank Account Number	1484101006029
IFSC Code	cnrb0001484
Account Type	Saving Bank
Account Currency	Indian Rupees