

KARNATAKA STATE POLLUTION CONTROL BOARD

PROCEEDINGS OF THE 376TH MEETING OF THE TECHNICAL ADVISORY COMMITTEE OF KSPCB HELD ON 05.05.2014 IN THE BOARD MEETING HALL, 3RD FLOOR, "PARISARA BHAVANA", CHURCH STREET, BANGALORE - 560 001.

Members Present:

1.	Dr.S.Manjappa, Special Officer, Research & Development, Visveswaraya Technological University (VTU), UBDT College of Engineering, Davangere – 577 004.	Member (Officiated Chairman)
2.	Dr. H.N.Chanakya, Scientist, Centre for Sustainable Technology, Indian Institute of Science (IISc), Bangalore – 560 012.	Member
3.	Dr. B.S.Jai Prakash, Vice President, Academy of Certified Hazardous Material Managers – India Chapter, Bangalore Institute of Technology, K.R. Road, Bangalore.	Member
4.	Dr. R.Siddaramappa, M.Sc. (Agri), Ph.D, Retd. Professor of University of Agricultural Sciences (UAS), #25, "Gangothri", UAS Layout, Nagashettyhalli, RMV 2 nd Stage, Bangalore – 560 094.	Member
5.	Sri Kedarnath Mudda, B.Tech (Chemical), No.17, 18 th Cross, 8 th Main, Upper Palace Orchard, Sadashivanagar, Bangalore – 560 080.	Member
6.	Prof. S.K.Gali, Professor & HOD, Environmental Science, University of Agricultural Sciences (UAS), Dharwad – 580 005.	Member
7.	Dr. R.Gopalakrishna, Associate Professor, Department of Physics, Maharani's Science College for Women, Palace Road, Bangalore – 560001.	Member
8.	Sri Dinesh Kumar Alva, Director, Mangalore Academy of Professional Studies(Maps), Chinmaya Lane, Bunts Hostel-Kadri Road, Mangalore – 575 003.	Member
9.	Sri S.Nanda Kumar, Chief Environmental Officer-1, Karnataka State Pollution Control Board, Bangalore.	Member Convener

Member absent with intimation:

1.	Prof. Gopal Mugeraya, Professor, Department of Chemical Engineering, National Institute of Technology Karnataka (NITK), Suratkal, Srinivasa Nagar – 575 025.	Chairman
2.	Sri H.Srinivasaiah, Retd. Director of Factories, Department of Factories, Boilers, Industrial Safety & Health and presently Director, Karnataka German Technical Training Institute, COE Building, ITI Complex, Bannerghatta Road, Dairy Circle, Bangalore – 560 029.	Member
3.	Dr. Sandeep Mudliar, Principal Scientist, E-II, Central Food Technological Research Institute (CFTRI), Mysore – 570 020.	Member

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As Prof. Gopal Mugeraya, Chairman of the Technical Advisory Committee conveyed his inability to attend the meeting. In his absence the committee requested Dr.S.Manjappa to chair the meeting. Accordingly, the meeting was held under his Chairmanship.


Member Convener

ITEM NO: 376:01

Read and confirm the Proceedings of the 375th Technical Advisory Committee meeting of Karnataka State Pollution Control Board held on 21.12.2013.

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The proceedings of the 375th TAC meeting was read and confirmed. In Item No.375:05 and 375:07 the words "ozone filters/U.V. filters" shall be replaced with "Ozonization/U.V. Filtration".

ITEM NO: 376:02

Follow up actions on the proceedings of 373rd, 374th & 375th Technical Advisory Committee meetings held on 24.7.2013, 28.9.2013 and 21.12.2013.

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Action taken on the proceedings of 373rd, 374th and 375th Technical Advisory Committee meetings held on 24.07.2013, 28.09.2013 and 21.12.2013 respectively was circulated. The committee observed that, the actions have been taken by the Board on the recommendations.

ITEM NO: 376:03

Establishment for carrying out Powder Coating and Painting activity of capacity 30,000 SFT/Month by **M/s. Devi Engineering**, Plot No.6A/3B, Veerasandra Industrial Area, Hosur Main Road, Bangalore – 560 100.

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The proposal is to carryout Powder Coating and Painting activity of capacity 3000 square feet/month. The subject was deliberated to understand the process of powder coating and painting on metal surface using a branded chemical called three in one chemical instead of conventional process.

The project proponents made the presentation. It was informed that, the three in one chemical is basically Ortho phsopheric acid mixed with Surfactant and water in the ratio of 1:3 and this chemical perform three functions namely, 1) Derusting, 2) De scaling and 3) Phosphating. Hence the name of the chemical is called as three in one chemical by supplier. The subject was deliberated in detail and the committee opined to accept the process.

ITEM NO: 375:04

Proposal for change over technology by **M/s. Aditya Birla Chemical (India) Limited**, Binaga 581307, Karwar, U.K. District for manufacture of caustic soda.

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The proposal is to Change over of technology from mercury based to cellulose based in respect of Caustic Soda plant and to establish Poly Aluminium Chloride (PAC) blending unit of capacity 73,000 MT/Annum.


Member Convener