

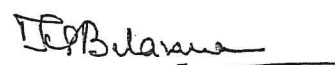
CENTRE FOR HIGH TECHNOLOGY

CHT/EC/ 4181

27<sup>th</sup> April, 2004

**Sub: Minutes of the 15<sup>th</sup> Meeting of the Executive Committee of CHT held on 20<sup>th</sup> April, 2004 at MOP&NG, New Delhi**

Enclosed please find a copy of the minutes of the 15<sup>th</sup> meeting of the Executive Committee of CHT held at MOP&NG, New Delhi on 20<sup>th</sup> April, 2004, duly approved by Joint Secretary (P), MOP&NG, Chairman of the Executive Committee of CHT, for your kind information and necessary action.

  
(Dr. K.S. Balaraman)  
Executive Director

Encl : As above.

**All members of the Executive Committee :**

Joint Secretary (P), MOP&NG  
Director (Refineries), IOCL  
Director (Refineries), BPCL  
Director (Refineries), HPCL  
Director (Planning), GAIL  
Secretary, OIDB  
Director, IIP  
Director (T), EIL

Minutes of the 15<sup>th</sup> Meeting of the Executive Committee (EC) of CHT held on 20<sup>th</sup> April, 2004 at MOP&NG, New Delhi

The meeting was chaired by Shri Prabh Das, Joint Secretary(P), MOP&NG. The list of participants is enclosed as Annexure.

Welcoming the members of EC and other participants, the Chairman advised Executive Director, CHT to take up the Agenda points for deliberations. ED – CHT informed that the three project proposals included in the Agenda papers were recommended by SAC for funding by CHT/OIDB, in its last two meetings

The decisions / recommendations of EC on these project proposals and other points are as under :

**Item 1.0 R&D project proposals recommended by Scientific Advisory Committee of MOP&NG for the consideration / approval by the Executive Committee of CHT**

**Item 1.1 “In situ Fiber Reinforced Bitumen as a Binder for Flexible Pavements” : IIT-Delhi :**

Director, IIP informed that IIP will be associated with IIT-Delhi for the subject project to carry out kinetics studies for one of the optimized formulations and also for performance evaluation tests viz., Penetration, Ductility, Viscosity and Elastic Recovery. The members remarked that this is a novel idea and the innovative approach for producing in situ fiber reinforced bitumen may be sponsored for preliminary experimental work.

In view of the above observations / comments, the Executive Committee approved the subject project proposal involving estimated cost of Rs.14.40 lakhs and completion schedule of nine months, for 100% by CHT/OIDB.

**Item 1.2 “Acute/subacute toxicological profile of Particulate emissions from CNG and Diesel fuelled engine exhaust : *in vivo* and *in vitro* experimental studies” : ITRC-Lucknow & IOCL-R&D**

ED, CHT informed that SAC had recommended the subject studies on important issue of particulate emissions from CNG / diesel fuelled engine exhaust, due to lack of authentic data for the tropical conditions of high temperature and humidity prevailing in our country. The Chairman, however, advised that the studies to be carried out by ITRC and IOCL-R&D should be well defined so that they bring out focussed

this issue, work on the subject project of national, strategic importance would now be carried out by all the participating organizations.

**Item 2.2 Project proposal on "Multivariable Model Predictive Control without Plant Test" : EIL-R&D**

Director (Tech.), EIL informed although the subject project proposal of EIL in collaboration with GAIL, which was recommended by SAC in its 54<sup>th</sup> meeting held in April, 2003, GAIL has not been responding to confirm their commitment of Rs.30 lakhs, in spite of several reminders.

The Chairman suggested that EIL should call a meeting with GAIL to resolve the issue and get necessary confirmation. However, in case, they do not show any interest for collaboration, EIL may approach some other organization for the same.

**Item 2.3 Proposal for setting up of demonstration unit for "Gas to Liquid" (through Fischer Tropsch) : EIL-R&D**

EIL was advised that as decided in the 56<sup>th</sup> SAC meeting held in March, 2004, a comprehensive proposal indicating funding by the partners should be submitted, which would need to be subjected to normal process of scrutiny through Peer Review.

The meeting ended with vote of thanks to the Chair.