

**Minutes of the 41st Goa State Expert Appraisal Committee
(Goa-SEAC) meeting held on 7th July 2015 at 10.30 a.m. in the Conference
Room of the EIA Secretariat, O/o Goa State Pollution Control Board
(GSPCB), Patto.**

The forty-first meeting of the Goa-SEAC (*hereinafter termed as 'Committee'*) was held on 7th July 2015 at 10.30 a.m. in the Conference room of the Goa State Pollution Control Board (GSPCB) at 10.30 a.m. under the Chairmanship of Mr. Antonio Jaime Afonso. The list of members who attended the meeting is given in "Annexure – 1".

At the beginning Chairman welcomed the Members and proceeded as per the Agenda items (*refer Annexure – 2*). Accordingly, following two proposed developmental proposals, subsequent to their respective project-specific presentations, were discussed, deliberated –

1. Project proposal submitted by **M/s Hindustan Petroleum Corporation Limited (HPCL)** for proposed expansion of LPG-Mounded Storage Capacity located at Plot No. 150, Kundaim Industrial Estate, Ponda Goa. (*Environmental Consultant – M/s EQMS India Pvt. Ltd., Karkardooma, New Delhi*).

It was noted that the said unit is located in a notified industrial area and the proposed activity is classified under '**category 6 : Service Sector and sub-category (b) : Isolated storage & handling of hazardous chemicals** (*As per threshold planning quantity indicated in column 3 of schedule 2 & 3 of MSIHC Rules 1989 amended 2000*)'. Accordingly and as per the 'Schedule' annexed to the EIA Notification, 2006 (*as amended*) vis-a-vis proposed activity, the proposal is categorized as 'B-2' and mandates emphasis on Environment Management Plan (EMP).

It was also noted that following the site-inspection by the Committee conducted on 12th February 2015, compliance to certain project-cum-site specific observations was sought from the Project Proponent (PP). Subsequently, following today's project-specific presentations vis-à-vis verification of compliance to site-specific observations submitted by PP on 24th June 2015, the **Committee made the following observations and sought compliance with specific emphasis on EMP, prior to initiate any further action**, in respect of –

1. Preparation of on-site and off-site Disaster Mitigation Measures for Vapour Cloud Explosion (VCE) with special institutional mechanism on the regular Ambient Air Quality Monitoring (AAQM) in Core as well as Buffer zones.

2. PP to furnish updated revised biodiversity inventory. Reporting of 'Blue bull' as referred in biodiversity inventory is an erroneous inclusion. Information regarding 'Avifaunal diversity' is not mentioned which needs to be as per IWPA schedule / guidelines.
 3. The database does not mention or citation about the presence of Carambolim lake and its avifaunal diversity which is located within 10 kms of peripheral limits of the proposed site.
 4. Proposed CSR activities towards improvement of environment quality after taking inputs from locals.
 5. Source for proposed water requirement. Location and piezometric details of existing and proposed bore-wells superimposed on Google map as well as contour map and modulus-operandi for its effective recharging.
 6. Approval of monitoring certificate from external authorized agency for LPG storage facility.
 7. Local Geographical information, socio-political demarcation be appropriately corrected.
2. Project proposal submitted by **M/s Merck Limited, Usgaon, Ponda** for proposed enhancement of Bulk drug products at its unit located in Plot No. 11/1, Marvasodo, Usgaon, Ponda, Goa. (*Environmental Consultant – M/s Sadekar Enviro Engineers Pvt. Ltd.*).

It was noted that the said unit is located in a notified industrial area and the proposed activity is classified under '**category 5 : Manufacturing and Fabrication and sub-category (f)** : Synthetic organic chemicals industry (*dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates*)'. Accordingly and as per the 'Schedule' annexed to the EIA Notification, 2006 (*as amended*), the proposal is categorized as 'B-1' and mandates submission of EIA report. As such, the PP has elaborated on the EIA report, including the EMP, during the said project-specific presentation. It was also noted that the unit was inspected on 19th March 2015 by the Committee to ascertain the on-site status and understand various components proposed for enhancement w.r.t. bulk-drug products. Further, the Committee recommended provision for discrete budgetary outlay focussing on environmental issues inclusive of wildlife inclusive of wildlife in buffer zone in addition to societal beneficiaries.

Accordingly, the **Committee has decided to recommend the said proposal for grant of prior environmental clearance (EC) to Merck Limited, Usgaon, Ponda** as mandated in the EIA Notification, 2006.

The meeting ended with vote of thanks to the Chair.

Dr. Manoj R. Borkar

_____ *Sd./-* _____

Mrs. A.A.B. Barreto

_____ *Sd./-* _____

Mrs. Ashwini Pai Panandiker

_____ *Sd./-* _____

Dr. P. K. John

_____ *Sd./-* _____

Dr. Jagannath Hirkude

_____ *Sd./-* _____

Mr. Suhas Gaonkar

_____ *Sd./-* _____

Sd./-

Mr. Antonio Jaime C. Afonso
Chairman, Goa-SEAC

Place: Patto, Panaji

Date: July 2015.

**List of members who attended the 41st Goa-SEAC meeting held on 7th July
2015**

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|----------------------------------|---|-----------------|
| 1. Prof. Antonio Jaime C. Afonso | - | Chairman |
| 2. Dr. Manoj R. Borkar | - | <i>Member</i> |
| 3. Mrs. A. A. B. Barreto | - | <i>Member</i> |
| 4. Mrs. Ashwini Pai Panandiker | - | <i>Member</i> |
| 5. Dr. P. K. John | - | <i>Member</i> |
| 6. Dr. Jagannath Hirkude | - | <i>Member</i> |
| 7. Mr. Suhas Gaonkar | - | <i>Member</i> |