

**MINUTES OF THE MEETING OF STATE LEVEL EXPERT APPRAISAL
COMMITTEE, ORISSA HELD ON 19TH JUNE , 2010**

The meeting of State Level Expert Appraisal Committee, Orissa was held on 19th June, 2010 in the Conference Hall of Orissa State Pollution Control Board, Bhubaneswar at 11.00 AM. Prof. (Dr.) Gagan Bihari Nityananda Chainy, Chairman, SEAC Orissa chaired the meeting. The following members were present in the meeting.

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| 1. | Prof. (Dr.) G. B. N. Chainy | - | Chairman |
| 2. | Prof. (Dr.) Swoyam Prakash Rout | - | Member |
| 3. | Prof. Kumar Das | - | Member |
| 4. | Dr. Moheshwar Patra, | - | Member |
| 5. | Dr. S. N. Das | - | Member |
| 6. | Prof. R.C. Mohanty | - | Member |

The following issues were discussed and decided

- The minutes of the previous meeting held on 12th , 24th & 26th May, 2010 were confirmed by the members.
- The committee decided to go for a field visit to a water polluting industry which has a full fledged ETP preferably a brewery unit i.e. Denzong Breweries in Khurda Industrial Estate on 3rd July, 2010.
- The committee decided to call the following project proponents for presentation of their draft TOR and final EIA report before the committee on 19th & 20th July, 2010. The proponent has to furnish the following information/document during presentation.

Sl. No.	Name & address of the proponent	Proposals	Document / information to be submitted during presentation
1.	Shri A. S. Meeran, Regional Director, M/s. Employees State Insurance Corporation, Plot No. HIG-3, Gangadhar Meher Nagar, Jaydevihar, Bhubaneswar-13, Tel – 0674-2303374 FAX – 0674-2303375	Final appraisal for EC for 500 bedded Hospital & Medical College of Employees State Insurance Corporation, at Mouza-Jagannath Prasad, Chandaka-43, Bhubaneswar with total area 101605.23 sqm. and built up area – 149844.28 sqm. (EC)	i) Copy of BDA approval letter. ii) Permission status of water drawl iii) Drainage map of the area iv) Detailed water balance diagram

CHAIRMAN, SEAC

SECRETARY, SEAC

			<p>v) Detailed proposal for solid & bio-medical waste management</p> <p>vi) Detailed proposal for treated waste water utilization.</p> <p>vii) Detailed specification of STP</p> <p>viii) Modified Form-I as per amended EIA notification, 2009 duly signed by the proponent as submitted Form-I is incomplete.</p>
2.	<p>Sri S. A. Ansari, Project Head, M/s. Apeejay Logistics parks Pvt. Ltd, 401, Block No. 2, Bhawani Enclave, Sahid Nagar, Bhubaneswar-751007 Mob-9439190972 FAX – 033-39837777</p>	<p>Proposal for consideration of EC for industrial Infrastructure project,-Logistic Park of M/s. Apeejay Logistics Parks Pvt. Ltd. at Khurunti, near Duburi, PO-Khurunti, Kalinga Nagar, Dist-Jajpur, Odisha over an area of 15 Acres.(EC)</p>	<p>i) Modified Form-I as per EIA notification, 2009 duly signed by the proponent.</p> <p>ii) Detailed drainage map of the area</p> <p>iii) Detailed water balance diagram.</p> <p>iv) Detailed specification of STP.</p> <p>v) Copy of approval letter of Development Authority of area.</p> <p>vi) Permission status of water drawl.</p> <p>vii) Detailed proposal for utilization of treated waste water</p> <p>viii) Detailed proposal for solid waste management.</p>

3.	<p>Sri Dillip Prasad Shaw, Managing Director, M/s. Aryans infrastructure Pvt. Ltd, 107, Suryanagar, Bhubaneswar Tel – 0674- 2397169/208 Fax – 0674- 2397169/208</p>	<p>Final appraisal for EC for construction of housing project “Tamarind Terrace” Residential Apartment of M/s. Aryans Infrastructure Pvt. Ltd at plot No. 2, Khata No. 286, Mousa- Chandrasekharapur, Bhubaneswar with total plot area 8086.84 sqm and total built up area 30000 sqm. (EC)</p>	<ul style="list-style-type: none"> i) Copy of BDA approval letter as submitted one not visible. ii) Drainage map of the area. iii) Detailed water balance diagram. iv) Detailed proposal for solid waste management. v) Detailed proposal for treated waste water utilization. vi) Detailed specification of STP. vii) Modified Form-I as per EIA notification, 2009 complete in all respect as submitted Form-I is incomplete.
4.	<p>Capt. S. Vasudeva, The Member, Board of Governors, M/s. International Management Institute, B-10, Qutab Institutional Area, Tara Crescent, New Delhi - 110016, India Tel – 011- 2652937/38/39 011-46012729/30 Mob-09810012102 FAX – 011-26867539</p>	<p>Final proposal for EC for construction of building for the International Management Institute at Gothapatana, Chandaka, Bhubaneswar (EC).</p>	<ul style="list-style-type: none"> i) Modified Form-I as per EIA notification, 2009 completing in respect as submitted one is incomplete. ii) Copy of BDA approval letter. iii) Permission status of water drawl. iv) Drainage map of the area v) Detailed water balance diagram. vi) Detailed proposal for solid waste management. vii) Detailed proposal for treated waste water utilization. viii) Detailed specification of STP.

5.	Dr. A. K. Naik, Registrar, M/s. National Institute of Science, Education and Research (NISER), Vikram Sarabhai Bhavan, 2 nd floor, North Wing Anushakti Nagar, Mumbai-400094 Tel – 0674-25487220 Fax – 0674-25570026	Final appraisal for consideration of EC for Academic cum Residential township for National Institute of Science, Education & Research (NISER) at Jatni, Bhubaneswar with total project area 1178802.9 sqm (298.8 Acres) and total built up area 184080.6 sqm.(EC)	<ul style="list-style-type: none"> i) Proposal for rain water harvesting. ii) Copy of BDA approval letter. iii) Permission status of water drawl iv) Drainage map of the area v) Detailed water balance diagram vi) Detailed proposal for solid & bio-medical waste management vii) Detailed proposal for treated waste water utilization. viii) Detailed specification of STP.
6.	Sri Pawan Kumar Agrawal, Managing Director, M/s. Gangpur Udyog (P) Ltd., at Kacheri Road, Rourkela, Dist – Sundargarh, Odisha Pin-769012 Tel -	Scoping of M/s. Gangpur Udyog Pvt. Ltd for proposed coal beneficiation plant of capacity 24000 TPA at Deuli, Sundargarh, Odisha (TOR)	<ul style="list-style-type: none"> i) Detailed water and material balance diagram ii) Solid waste management plan. iii) Source of water and permission status.
7.	Sri M. Komaraiah, Managing Director, M/s. Shalivahana Green Energy Ltd, 7 th floor Minerva Complex #94 S.D. Road, Secunderabad-500003 Tel – 040-30281462, 040-2781 0880 Fax – 040-66310072	Final appraisal for consideration of EC for 20 MW Biomass based power project by M/s. Shalivahana Green Energy Ltd,, Village Nimidha & Meramundali, Dist – Dhenkanal (EC).	<ul style="list-style-type: none"> i) Drainage map of the area. ii) Proposal for fly ash utilization. iii) Proposal for rain water harvesting iv) Status of permission for drawl of water v) Copy of industrial registration of competent authority.

8.	Sri S. K. Jain, M/s. Emami Paper Mills Ltd, At – Balgopalpur, PO-Rasulpur, Dist-Balasore-756020 Tel – 06782-275723/26 Fax - 06782-275778	Final appraisal for consideration of EC for proposed 26 MW CPP within the existing premises of M/s. Emami Paper Mills Ltd at Balgopalpur, PO – Rasulpur, Dist – Balasore.(EC)	<ul style="list-style-type: none"> i) Copy of certificate from IDCO indicating the total project area of proposed CPP is located within the industrial estate. ii) Land use break-up for existing unit and proposed CPP. iii) Plant lay out map indicating the existing plant facilities as well as proposed plant facilities of 26 MW CPP. Area indicating the temporary storage of fly ash. iv) Permission status of water drawl. v) Detail water balance. vi) Modified Form-I as per amended EIA notification, 2009 duly signed by the proponent. vii) Photograph & capacity of water reservoir.
9.	Sri Prabodha Mohanty, M/s. Nuagaon Iron and Manganese Mine at Weighbridge Road, Po – Barbil, Dist-Keonjhar-758035. Tel – 06767-275362, 275252 Fax – 0674-275362	Final appraisal for consideration of EC for M/s. Nuagaon Iron and Manganese Mine for production of iron ore upto 4 lakh TPA, Manganese ore upto 25000 TPA with 350 TPH screening plant over lease area of 29.257 ha. at Nuagaon, district – Sundargarh.(EC)	<ul style="list-style-type: none"> 1. Modified Form-I as per amended EIA notification, 2009 duly signed by the proponent. 2. Copy of mining lease 3. Copy of approved mining plan. 4. Environmental status of existing mine.

4. **APPEAL OF THE PROPONENT**

M/s. Essar Power Ltd, Paradeep, Jagatsinghpur :

TOR has been issued to M/s. Essar Power Ltd for 2x30 MW (phase ii) coal based CPP of their proposed 12 MTPA pellet plant at Paradeep, dist. Jagatsinghpur vide letter no 220 dt 22-1-10.

The unit has requested for certain amendments in the TOR. The request of the proponent was discussed in the meeting and views of the SEAC are recorded as follows

TOR SI No	Conditions	Request of proponent to amend	Views of the SEAC
6	Coal consumption at a rate of 14,000 TPD needs transportation, handling, storage and processing steps.	The unit has proposed coal consumption at a rate of 1400 TPD in EC application not 14000 TPD.	Accepted since it was a typographical error
9	There is also no clarity on the quality and quantity of effluent water involved in the process of ash handling or storage nor its treatment/disposal technique. The Committee is very much apprehensive of environmental effects in view of the rupturing of fly ash ponds in Talcher inundating the Nandira river and adjoining agricultural land had suffered from adverse impacts a number of times in recent past.	The unit has intimated that it will dispose the ash in HCSD system for which they have earmarked 15 Ac for ash disposal. They have requested to delete the conditions.	Though the fly ash slurry would be of higher density, the storage pond should have adequate safety measures to prevent rupture of walls and other standard fly ash storage ponds. In addition, 100% ash utilization must be followed as per notification. So this condition is appropriate for EIA study.
13	The emission of particulate matter, SO ₂ and NO _x from the unit needs much more vigorous treatment rather than simply putting up the	The unit has requested to modify to measure the wind speed and direction at height 3mt	The committee has suggested to use models to study the dispersal pattern of pollutants emitted at the top of the

	<p>required chimney height or employing low NOx burners. Since the area is virgin and sensitive due to thick habitation and agricultural activities around, the AAQS for residential areas should be employed as a yardstick. Impact of the project on the AAQ of the area, details of the model used and the input data used for modeling should also be provided. The air quality contours may be plotted on a location map showing the location of project site, habitation nearby and the sensitive receptors, if any. The wind roses should also be shown on this map. Height of chimney shall be taken into account while drawing wind rose diagrams. The wind speed and wind direction at the chimney height determines dispersal pattern of the emissions released at that height</p>		<p>chimney. Drawing of wind rose may be undertaken taking wind speed and direction at 3m above ground as stipulated under AAQ monitoring guidelines.</p>
16	<p>Drawing 6,200 m³ of water per day from the adjoining Taldanda canal would severely affect the population living up- or down-stream of the water body since it is the only dependable source of sweet water for them. Though the irrigation Dept. might have cleared the proposal, it</p>	<p>Delete the condition</p>	<p>The proponent has not included permission for withdrawal of their water requirement from Taladanda canal from competent authorities which however can be parallely processed. But the committee's concern regarding availability of adequate water to the local</p>

	needs a re-look by the authorities concerned		population up and down stream can be assessed by undertaking a study on their own and producing it with the EIA/EMP document.
22	Paradeep coast is always prone to natural disasters, particularly flooding, low pressure winds, cyclonic winds and heavy rains. The place being only a few kilometers away, would be prone to such natural disasters before/during and after the monsoon season. A foolproof plan for dealing with such natural disasters may be included.	Request to delete the condition as it is to be taken care of by district administration	Though the District Administration would be responsible for disaster management in the area, the proponent may undertake their own disaster management in their own premises with respect to their establishment.

**(DR. GAGAN BIHARI NITYANANDA CHAINY)
CHAIRMAN, SEAC**

**(DR. SWOYAM PRAKASH ROUT)
MEMBER, SEAC**

**(DR. S. N. DAS)
MEMBER, SEAC**

**(DR. MOHESHWAR PATRA)
MEMBER, SEAC**

**(PROF. (DR.) R. C. MOHANTY)
MEMBER, SEAC**

**(PROF. KUMAR DAS)
MEMBER, SEAC**

**(SRI A. MOHAPATRA)
SECRETARY, SEAC**

CHAIRMAN, SEAC

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Item No : 2

PROPOSALS OF M/S. FACOR POWER LTD, RANDIA, SUNDARGARH FOR EXPANSION PROPOSAL OF 45 MW CPP TO 100 MW CPP

The proponent has to submit the following for consideration

1. Present project implementation status of 45 MW power plant
2. Location and area earmarked for ash disposal

Item No : 3

PROPOSAL OF M/S. TARINI MINERALS, AT/PO- BADBIL, DIST KEONJHAR FOR RENEWAL AND ENHANCEMENT OF PRODUCTION OF MANGANESE ORE FROM 1006 TPA TO 12500 TPA

The proponent has to submit the following for consideration

1. Status of mining lease renewal as mining lease has been expired
2. Copy of approved mining plan as validity of mining plan expired in the year 2009
3. Environmental compliance status of existing mine

Item No : 4

PROPOSAL OF SANTILATA SAMAL, SHREE MIN & MET, JAMINIBINDHA, BHANDARIPOKHARI, BHADRAK FOR COB PLANT OF 24000 TPA

The proponent has to submit the following for consideration

1. Sources of mineral
2. Process details
3. Land use pattern in the area
4. Status of permission for drawl of ground water
5. availability of land for tailing disposal

Item No : 5

PROPOSAL OF FAKIRA ROHI DAS MINE OWNER, JAMERA, DIST – JHARSUGUDA FOR PRODUCTION OF QUARTZITE OF 5515.828 TPA OVER AN AREA OF 25.046 HA

The proponent has to submit the following for consideration

1. Clarification regarding location of mine in the critically polluted area
2. Copy of approved mining plan

Item No : 6 & 7

PROPOSAL OF M/S. OCL INDIA LTD, RAJGANGPUR FOR EXPANSION OF CEMENT GRINDING UNIT FOR PRODUCTION CAPACITY UPTO 2.7 MTPA & 27 MW CPP AT BISWALI, TANGI, DIST-CUTTACK

M/s. OCL India Ltd has applied for expansion of cement grinding unit for enhancement of production capacity upto 2.7 MTPA and establishment of 27 MW CPP within existing premises of cement grinding unit at Biswali, Tangi, Dist – Cuttack. They have submitted two different proposals for CPP as well as expansion of grinding unit for issue of TORs for EIA study. The SEAC opined that both the proposals will be treated as expansion of one unit and single TORs to be issued for both the proposals. The SEAC also decided to ask the proponent to furnish a copy of the registration certificate from competent authority for establishment of CPP as well as expansion of existing grinding unit.

Item No : 8

PROPOSAL OF UTKAL MANUFACTURING AND SERVICES LTD, KALINGA BAZAR, CHOUDWAR, CUTTACK FOR FINAL APPRAISAL OF KARALAKONA QUARZITE MINES OF 20680 TPA OF QUARTZ OVER AN ML AREA 15.378 HA

The proponent has to submit the following for consideration

1. Copy of mining lease
2. Copy of approved mining plan

**(SRI SASANKA SEKHAR PATNAIK)
MEMBER, SEAC**

**(DR. HAREKRISHNA NAYAK)
MEMBER, SEAC**

**(DR. MOHESHWAR PATRA)
MEMBER, SEAC**

**(DR. R. C. MOHANTY)
MEMBER, SEAC**

**(DR. SWOYAM PRAKASH ROUT)
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