



MCC PTA India Corp. Private Limited

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Director(S)
Ministry of Environment & Forests
Eastern Regional office
Govt. of India
A/3, Chandrasekharpur
Bhubaneswar, Orissa -751023

June 07, 2010

Kind Attn: Dr. V P Upadhyay

Sub: Six monthly Post Project monitoring progress report on the Compliance of the Conditions of the Environment Clearance

Ref: Environment Clearance No: J-11011/139/2006-IA II(I) Dtd. June 19,2006

Dear Sir,

We are submitting herewith the post project monitoring progress report for the period **(Oct'09 – Mar'10)** on the point wise compliance to the conditions as mentioned in Environmental clearance for your kind perusal. It may kindly be noted that all the Annexures mentioned in this letter as supplementary evidence/report are common & attached with the status report of Compliance of the Environment Clearance of Existing PTA plant.

A. Specific condition

- i. Emissions are being monitoring from various units and within the permissible limit. Stack monitoring is being done by approved third party. Result of stack emission is attached herewith. **(Refer Annexure - I)**
- ii. 7 nos. of ambient air quality monitoring stations have been installed. Ambient air quality results are enclosed herewith. **(Refer Annexure- II)**.
- iii. The PX tank is under Nitrogen blanketing with slight positive pressure to control fugitive emission from tank. Double mechanical seals are provided for pumps handling PX, Acetic acid, methanol. HC sensors installation completed and under calibration now.
- iv. The new standards will be followed. The process vents is being monitoring regularly. On-line VOC monitors have been installed at various strategic locations.
- v. LDAR programme have already been initiated for the new plant and M/s SGS India Pvt. Ltd. has been entrusted for this job. Expected to start this by end of June'10.
- vi. Low Nox burner already provided for HOH. Adequate stack heights for HOH, DEG & Incinerator made as per CPCB guidelines.



- vii. Scrubbers installed at various stages of the process & the vents from the scrubbers are connected to off-gas unit for complete destruction.
- viii. The treated effluent is being discharged to river Hooghly only after meeting the prescribed standards. Separate effluent treatment plant has been constructed and the treated water of both the plants are being discharged through a common outlet. Monitoring data is attached herewith. (**Refer Annexure- IV**)
- ix. The new incinerator installed is based on CPCB specifications & norms.
- x. Total plantations around the project have been completed & yearly maintenance of green belt is going on.
- xi. The Occupational health surveillance conducted for the existing plant & already started for the expansion project. The same have been conducted in April & May'10 (Clinical check-up) and annual pathological check-up conducted on September'09.

B. General Condition

- i. The recommendations of the EIA/ EMP report and risk assessment report have been implemented.
- ii. Noise levels are being monitored periodically in the work environment as well as the ambient noise levels. The next monitoring will be conducted in June'10.
- iii. All the relevant provisions of Manufacture, Storage and Import of Hazardous Chemicals Rules 1989 as amended till date will be followed. Approval/ License from CCOE, Nagpur already taken for Storage for Petroleum products. (No. P/HQ/WB/15/854(P28267))
- iv. All the relevant provisions of Hazardous waste (Management, Handling & Transboundary) Rules, 2008 as amended till date will be followed and necessary approval/ amendment is being taken from WBPCB.
- v. Adequate funds for recurring and non-recurring for the implementation of Environment Management Plan (EMP) have already been allocated. Separate HSE expense budget prepared and approved.
- vi. Six monthly compliance report and monitoring data will be submitted to MoEF, Bhubaneswar.
- vii. Already advertised in two local newspapers about the accordance of Environmental Clearance for the project.

The necessary 'Consent to Operate' under Air & Water Act, Public Liability Insurance Policy, authorization for hazardous waste etc. are being periodically renewed and updated. We would also like to inform that we have completed the Marine Impact study to asses the impact on river due to the additional discharge from the expansion plant. The report will be submitted in due course of time.

We would like to inform you that trial commercial production of our expansion plant was started from 1st Mar'2010 but stable operation could not be achieved due to various technical problems being faced and periodically the corrective & preventive action are being taken.



We would like to inform you further that a planned shut down maintenance job will be held in Nov'10 where some technical modifications will be arranged as preventive & corrective action for achieving stable operation and it is expected that from Jan'11 onwards stable plant operation will be achieved in our expansion project.

We sincerely hope that the above compliance status report is in line with the approval letter accorded by MOEF for our Project and would meet your requirements. We are ready to provide any further clarifications, if necessary.

Thanking You,

Sincerely yours,
For **MCC PTA India Corp. Private Limited**

A handwritten signature in black ink, appearing to read 'Motoki Numata', is written over the typed name.

Motoki Numata
Director – Production
Encl: a/a

CC: Sr. Env. Engineer (Planning), WBPCB
Env Engineer, CPCB, Kolkata