

香港電燈有限公司
The Hongkong Electric Co., Ltd.



ENVIRONMENTAL IMPACT ASSESSMENT (EIA) ORDINANCE, CAP. 499

ENVIRONMENTAL PERMIT NO. EP-083/2000


**LAMMA POWER STATION
CONVERSION OF TWO EXISTING GAS TURBINES (GT5 & GT7) INTO A
COMBINED CYCLE UNIT
ENVIRONMENTAL MONITORING & AUDIT PROGRAMME
AT OPERATIONAL PHASE**

Report Title Monthly EM&A Report (March 2011)

Date 13 April 2011

Certified by 

(Mr. Chan Kwok-Fai, Environmental Team Leader)

Verified by 

(Mr. Y T Tang, AECOM Asia Company
Limited, Independent Environmental Checker)

1. AIR AND WATER QUALITY MONITORING FOR GT57 OPERATION IN MARCH 2011

This is the March 2011 Environmental Monitoring and Audit (EM&A) report for the Project "Operation of GT57 Combined Cycle Unit" prepared by the Environmental Team (ET). GT57 was not operated in the reporting month. In this regard, no air quality and water quality monitoring pertinent to GT57 was carried out in the reporting month.

2. FUTURE KEY ISSUES

2.1 Outage Plan for the coming 3 months

The major outage plan for the next 3 months is shown below:

Unit	Date	Remark
GT5	01/04/2011 to 09/04/2011	Unit Overhaul
GT7	01/04/2011 to 23/07/2011	Unit Overhaul

2.2 Key issues for the coming month

Key issues to be considered in the coming month include:

Air Impact

- To monitor the water injection rate continuously while GT57 is operating.
- To monitor the NO_x emission continuously through the GT57 CEM System.
- To monitor the sulphur content of the LGO if the combined cycle unit is run on LGO.

Water Impact

- To carry out water quality monitoring while GT57 is operating as required by the EM&A manual (Operational phase).

~ End ~