

CLEAN AIR CERTIFICATION SCHEME
FOR
CLEAN AIR CHARTER
FINAL REPORT
FOR
HOTEL NIKKO HONGKONG



Prepared by



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1. INTRODUCTION

Hotel Nikko Hong Kong (HNHK) was built in 1988 with 463 guest rooms including 18 suites. The hotel is located at 72 Mody Road, Tsimshatsui East, Kowloon. The hotel was certificated under ISO 14001 in 1999, which was the second organization achieving this recognition in Hong Kong hotel industry.

This report outlines the findings of the Business Environment Council Limited (BEC) from a site audit and interview with Ms Meg Leung – Assistant Human Resources Manager and Ms Candy Chan – Senior Human Resources Officer.

From the pre-audit questionnaire completed by HNHK, it was determined that HNHK fits into Group C category of the certification scheme, showing that the organization has comprehensive management systems in place and means to identify and verify the implementation of energy efficiency / emission reduction programmes which are in compliance with the Clean Air Charter.

The site audit was conducted at HNHK and led by our Ms Konnie Yu (Senior Specialist) and Ms Haylee Chen (Officer) on 7th Mar 2012. The purpose of this audit was to verify HNHK's commitments to the Clean Air Charter.

2. OBSERVATIONS AND COMPLIANCE

Based on the site audit, HNHK's programmes and practices on reducing air emission were reviewed. In general, a systematic approach on addressing the Clean Air Charter's commitments has been implemented as follows:

- Company policy is established addressing air emission reduction.
- Environmental team is established with General Managers and Department Heads to address environmental issues and environmental meeting is held every month.
- Annual environmental objectives and targets are established and reviewed closely by the environmental team.
- Environmental objectives and targets on reducing air emission include:
 - To minimize air pollution due to combustion of diesel fuel of the boiler plant by replacing the boiler plant with an electrical heat-pump chiller by the end of 2012.
 - To eliminate ozone depletion due to emission of CFC containing substances.
- Chief Engineer responsible to collect data on energy consumption and efficiency monthly.
- Operation Control Procedures on air emission / energy reduction for each department is established and implemented.

Regarding the six commitments of the Clean Air Charter, the table below summarizes the achievements of the HNHK:

Commitment	Action done
<p>1) Operate to a recognized world class standard, or the standards established by the Hong Kong / Guangdong governments on emissions of air pollutants, even if it is not a requirement to do so here. (Relevant to industrial operations, power plants and business with direct emissions)</p>	<ul style="list-style-type: none"> • In view of the main activities in HNHK, no major direct emission is generated. Most of the air emission is indirect (electricity consumption), hence this commitment has limited applicability for HNHK.
<p>2) Use continuous emissions monitors (CEMs) at significant sources, e.g. large and medium plants. (Relevant to large / medium industrial operations and power plants)</p>	<ul style="list-style-type: none"> • This commitment is for industrial or power plants, hence this is not applicable for HNHK.
<p>3) Publish information on energy and fuel use, as well as total emissions of air pollutants annually and timely, if emissions are significant.</p>	<ul style="list-style-type: none"> • HNHK reviews their energy and fuel consumption on monthly basis. • Energy and water consumption data are shared with hotel industry members and interested parties of other industries during their visits to HNHK.

4) Undertake to adopt energy-efficient measures in their operations.

HNHK has implemented a number of energy-efficient measures in their operations to reduce indirect emissions from local power plants, including:

- Further replacement of T8 fluorescent tubes to T5 fluorescent tubes.
- Extensive adoption of LED lights inside the guestrooms, restaurants, public areas and for seasonal decoration.



LED light in restaurant



LED lights in guestroom



LED lights in lobby






LED lights for Christmas decoration

- Motion sensors are installed for light fittings at the back of the house area.



- Energy conservation notices are posted to remind staff to conserve energy and maintain room temperature between 22-25°C.
- Towel / Linen Reuse Programme is promoted in guestrooms.

	 <ul style="list-style-type: none"> • Study on replacing the boiler plant with an electrical heat-pump chiller is conducted. • Apart from energy efficient measures, HNHK has target on reducing A4 paper consumption by 5% in 2011/2012. Various initiatives have been adopted, such as reduction of the size and number of copies of printed items/forms as well as extensive use of email system.
<p>5) Identify and encourage business-relevant measures to be taken on days when air pollution is high.</p>	<ul style="list-style-type: none"> • Air purifiers are installed in offices and public areas.  <ul style="list-style-type: none"> • Top management may consider deferring monthly test-run of generator or delivery of dried and canned food. • Consider posting Air Pollution Index (API) on the LCD screen which is located in lobby as a reminder to hotel guests.

	
<p>6) Share air quality expertise in business with others.</p>	<ul style="list-style-type: none"> • Achievements are shared with hotel industry members and interest parties of other industries through hotel visits and Experience Sharing seminars of the Hong Kong Awards for Environmental Excellence (HKAEE). • HNHK's environmental policy and environmental related information are sent to their suppliers and contractors.

3. CONCLUSION

Hotel Nikko Hongkong has demonstrated their commitments towards the Clean Air Charter's commitments and is recommended to be certified under the Clean Air Charter.