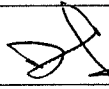
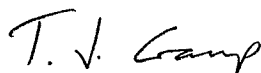


**Hong Kong Convention and Exhibition
Centre, Atrium Link Extension**

Environmental Monitoring and Audit Manual

March 2006

	Name	Signature
Reviewed & Checked:	Derek Lam	
Approved:	Tim Cramp	

Version: Final	Date: 10 March 2006
<p>The information contained in this report is, to the best of our knowledge, correct at the time of printing. The interpretation and recommendations in the report are based on our experience, using reasonable professional skill and judgment, and based upon the information that was available to us. These interpretations and recommendations are not necessarily relevant to any aspect outside the restricted requirements of our brief. This report has been prepared for the sole and specific use of our client and MEMCL accepts no responsibility for its use by others.</p> <p>This report is copyright and may not be reproduced in whole or in part without prior written permission.</p>	

MAUNSELL ENVIRONMENTAL MANAGEMENT CONSULTANTS LTD

11/F, Grand Central Plaza, Tower 2, 138 Shatin Rural Committee Road, Shatin, NT, Hong Kong
Tel: (852) 2893 1551 Fax: (852) 2891 0305 Email: mem@maunsell.aecom.com

**HONG KONG CONVENTION AND EXHIBITION CENTRE
ATRIUM LINK EXTENSION**

ENVIRONMENTAL IMPACT ASSESSMENT

ENVIRONMENTAL MONITORING AND AUDIT MANUAL

TABLE OF CONTENTS

	Page
1 INTRODUCTION	1-1
Background of the Project	1-1
Project Scope.....	1-1
Construction Programme	1-2
Purpose of the Manual.....	1-2
Project Organisation	1-3
2 AIR QUALITY	2-1
Introduction	2-1
Methodology and Criteria.....	2-1
Monitoring Equipment.....	2-2
<i>Construction Phase</i>	2-2
<i>Operational Phase</i>	2-3
Monitoring Locations.....	2-3
Baseline Monitoring	2-5
Impact Monitoring	2-5
Compliance Assessment	2-6
Event and Action Plan.....	2-6
Mitigation Measures.....	2-7
3 NOISE	3-1
Introduction	3-1
Construction Phase.....	3-1
Operational Phase	3-2
4 WATER QUALITY	4-1
Introduction	4-1
Cooling Water Intake Monitoring Schedule and Stations.....	4-1
Field Log	4-3
Monitoring Equipment.....	4-3
Laboratory Measurement / Analysis	4-5
Event and Action Plan.....	4-5
Mitigation of Adverse Environmental Impacts.....	4-6
5 WASTE MANAGEMENT.....	5-1
Introduction	5-1
Mitigation Measures.....	5-1

	Good Site Practices	5-1
	Waste Reduction Measures	5-2
	General Refuse	5-2
	Construction and Demolition Material	5-2
	Chemical Waste	5-3
6	LANDSCAPE AND VISUAL	6-1
	Introduction	6-1
	Monitoring Requirement.....	6-1
	Mitigation Measures.....	6-2
7	SITE ENVIRONMENTAL AUDIT.....	7-1
	Site Inspections.....	7-1
	Compliance with Legal and Contractual Requirements.....	7-2
	Environmental Complaints	7-3
8	REPORTING	8-1
	General	8-1
	Electronic Reporting of EM&A Information	8-1
	Baseline Monitoring Report	8-1
	Monthly EM&A Reports.....	8-2
	First Monthly EM&A Report	8-3
	Subsequent EM&A Reports	8-5
	Quarterly EM&A Summary Reports	8-7
	Final EM&A Review Reports.....	8-9
	Data Keeping	8-10
	Interim Notifications of Environmental Quality Limit Exceedances.....	8-11

List of Tables

Table 1.1	Tentative Programme for Atrium Link Extension Works	1-2
Table 2.1	Air Quality Monitoring Station	2-4
Table 2.2	Impact Monitoring Programme (TSP).....	2-6
Table 2.3	Proposed Action and Limit Levels for Impact Monitoring	2-6
Table 2.5	Event / Action Plan for Air Quality (Operational Phase)	2-7
Table 2.4	Event / Action Plan for Air Quality (Construction Phase).....	2-9
Table 4.1	Proposed Marine Water Quality Stations for Baseline and Construction Phase Monitoring.....	4-1
Table 4.2	Proposed Marine Water Quality Monitoring Frequency and Parameters.....	4-2
Table 4.3	Analytical Methods to be applied to Marine Water Quality Samples.....	4-5
Table 4.4	Action and Limit Levels for Marine Water Quality at the Cooling Water Intakes	4-6
Table 4.5	Event and Action Plan for Marine Water Quality	4-7

List of Figures

Figure 1.1	Location of Proposed Atrium Link Extension
Figure 1.2	Longitudinal Section of Proposed Atrium Link Extension
Figure 1.3	Project Organisation
Figure 2.1	Location of Air Quality Monitoring Station
Figure 4.1	Locations of Water Quality Monitoring Stations
Figure 7.1	Complaint Response Procedures

Appendices

- Appendix A Sample Data Sheet
- Appendix B Implementation Schedule of Proposed Mitigation Measures
- Appendix C Sample Template for the Interim Notification