
APPENDIX A – INFORMATION SOURCES USED IN COMPILING THIS REVIEW REPORT

Statistics on SMEs

Hong Kong Standard Industrial Classification (Volume One) – Census & Statistics Department, HKSARG

Hong Kong Annual Digest of Statistics (2002 Edition) – Census & Statistics Department, HKSARG

Hong Kong Monthly Digest of Statistics (July 2003) – Census & Statistics Department, HKSARG

Report on 2001 Annual Survey of Industrial Production (ASIP 2001) – Census & Statistics Department, HKSARG

Directory of Hong Kong Industries (DHKI), 2002/2003 – Hong Kong Productivity Council (HKPC)

2002-2003 Directory of Hong Kong Industrial Suppliers – HKPC

Website Reviews

Electrolux Group - www.electrolux.com

Hewlett-Packard (HP) - www.hp.com

Intel Corporation - www.intel.com

LG Electronic - www.lge.com

Matsushita Electric Group (Panasonic) – panasonic.co.jp

Nokia - www.nokia.com

Philips Semiconductors & Philips Electronic - www.philips.com

Samsung Electronic - www.samsung.com

Sony Corporation - www.sony.com/index.php

Toshiba Corporation - www.toshiba.com

Whirlpool Corporation - www.whirlpool.com

General Motors - www.gm.com

European Environment Agency (for international environmental requirements) - www.eea.eu.int

USA Environmental Protection Agency (for international environmental requirements) - www.epa.gov

Ministry of the Environment of Japan (for international environmental requirements) - www.env.go.jp/en

Local Organization Website Reviews

Environmental Protection Department, HKSAR

The City University of Hong Kong

The Hong Kong Polytechnic University

Hong Kong University of Science and Technology

The Chinese University of Hong Kong.

The University of Hong Kong

The Baptist University of Hong Kong

Hong Kong Electronic Industries Association

Hong Kong Electronic Packaging and Manufacturing Services Association (HKEPMSA)

The Hong Kong Institute of Engineers

The Electrical Division of The Hong Kong Institution of Engineers

The Electronic Division of The Hong Kong Institution of Engineers

Business Environment Council

Hong Kong Productivity Council

Trade and Industry Department - Support and Consultation Centre for SMEs (SUCCESS)

Literature Review

Corporate Responsibility & Sustainability Report 2000-2002
CSR Report 2003 Sony and the Global Environment
CSR Report 2003 Sony and the People
Eco-Labeling and Green Procurement Schemes for IT-Products: The Japanese Approach
Electrolux Group Workplace Code of Conduct
Electrolux Restricted Materials List
Electrolux Restricted Materials List Statement
Electronic Industry Environmental Roadmap 1995
Electronic Industry Environmental Roadmap 1996
Emerging Trends and Practices in Supply Chain Environmental Management
Enhancing Supply Chain Performance with Environmental Cost Information: Examples from
Commonwealth Edison, Andersen Corporation, and Ashland Chemical
Environmental and Social Report 2002
Environmental Management Systems (EMS) Policy and Strategy Working Group Major Country
Research Report
Environmental Report of Nokia Corporation 2002
Environmental, Health and Safety Report 2002
GM-FIAT Worldwide Purchasing
Going Green Upstream: The Promise of Supplier Environmental Management
Green Procurement Standards
Guidelines for Standardization of Material Declaration
High Density Packaging User Group Environmental Roadmap
HP General Specifications for the Environment (GSE)
HP Supplier Code of Conduct
HP Supplier Code of Conduct Questionnaire
HP Supplier Environmental Performance Review Questionnaire
HP Supplier Occupational Health and Safety Performance Review Questionnaire
Management Regulations for the Environment-Related Substances to be controlled which are
included in parts and materials
Matsushita Electric (Panasonic): Sustainability Report 2003
Matsushita Electric Group: Green Procurement Standards
Measuring the Environmental Performance of Industry (MEPI) Final Report
Measuring the Environmental Performance of Industry (MEPI) Final Report – Appendices, Part I
New Paths to Business Value: Strategic Sourcing - Environment, Health and Safety
Nokia Suppliers and the Environment
Project Sigma: Supply Chain Strategy and Evaluation Case Studies
Project Sigma: Supply Chain Strategy and Evaluation First Report
Promoting Environmental Supply Chain Partnerships
Samsung Electronic EHS Report 2001
Standardizing Excellence: Working with Smaller Businesses to Implement Environmental
Management Systems
Stimulating Sustainable Trade Phase 2 Overview Report
Strengthening Implementation of Corporate Social Responsibility in Global Supply Chains
Strengthening Implementation of Corporate Social Responsibility in Global Supply Chains
Suppliers' Perspectives on Greening the Supply Chain
Supply Chain Environmental Management
Supply Chain Environmental Management - a global study of the environmental work in the
electronic industry
Supply Chain Environmental Management - Lessons From Leaders in the Electronic Industry
Survey on Green Purchasing Activities in Asian Countries Republic of China
The Emerging Role of Associations As Mentors
The Green Business Letter
The ISO Survey of ISO 9000 and ISO 14000 Certificates Tenth cycle: up to and including 31
December 2000
The ISO Survey of ISO 9000 and ISO 14000 Certificates Twelfth cycle: up to and including 31
December 2002
The Mentoring Handbook: A Guide to Environmental Mentoring for Companies, Nonprofits, and
Regulators
TOSHIBA Environmental Report

APPENDIX B – SIGNIFICANCE OF ENVIRONMENTAL ASPECTS OF THE MIGs

MIGs			Total	MIG Average	Score obtained	Resource Use						Air Emission					Wastewater Discharge			Noise Nuisance			Waste Management				Chemical Wastes (C.W.)				Emergency Situation						
						Use of natural resources	Use of process chemicals	Use of organic solvent	Use of hazardous Substances	Use of Fuels & Energy	Use of other chemicals	Dust/Smoke Emission	Toxic Gas Emission	Green House Gases Emission	Odour Emission	IAO	Discharge of toxic substances	Discharge of O&G	Other industrial discharge	Noise from machinery	Noise from ventilation	Noise from maintenance	Packaging wastes	Rejected products	Scrap tools & parts	Industrial wastes	Local regulated liquid C.W.	Local regulated solid C.W.	Global regulated liquid C.W.	Global regulated solid C.W.	L&S of Chemicals/Chemical Wastes	Leakage & Spillage of wastewater	Leakage & Spillage of air pollutants	Fire & Explosion			
381802	381802	Electroplating	63.5	63.00	6	2	3	3	3	2	3	1	3	1	1.5	3	3	2	2	1	2	1	1	2	2	2	3	3	3	3	3	3	3	3	3	1	1
382	3821	Office machinery & equipment	43	43.50	5	1	1	1	1	2	2.5	0	1	1	1	2.5	1	1	1	1	2	1	3	2	1	2	2	2.5	2	2.5	2	2	1	1	1	1	
	3822	Computing machinery & equipment	44			1	1.5	1	1.5	1	3	0	1	1	1	2.5	1	1	1	1	2	1	3	1.5	1	2	2	3	2	3	2	1	1	1	1	1	
383	3831	Transistorized radios	41	37.63	4	1	2	2	2	1	2	0	1	1	1	1	1	1	1	2	1	3	2	1	2	2	2	2	2	1	1	1	1	1	1	1	
	3832	TV receivers & communication equipments	36			1	1	1	2	1	1	0	1	1	1	1	0	0.5	1	1	2	1	3	1.5	1	2	2	2	2	1	1	1	1	1	1	1	
	3833	Sound reproducing & recording equipment & Apparatus	37			1	1	1	2	1	1	0	1	1	1	1	0	1	1	1	2	1	3	2	1	2	2	2	2	1	1	1	1	1	1	1	
	3834	Records & magnetic tapes	36.5			1	1	1	2	1	1	0	1	1	1	1	0	1	1	1	2	1	2.5	2	1	2	2	2	2	1	1	1	1	1	1	1	
384	3840	Electronic parts & components	68	68.00	7	1	3	3	3	2	3	2	3	1	2	3	2	2	2	2	2	2	2	3	2	2	3	3	3	3	3	3	2	2	2	2	
385	3851	Electrical appliances & houseware	33.5	33.75	2	1	2	1	1	1	1	0	1	1	1	2	0	1	1	1	2	1	1.5	1	1	2	1	1	2	2	1	1	1	1	1	1	
	3852	Electronic toys	34			1	2	1.5	1.5	1	1	0	1	1	1	2	0	1	1	1	1.5	1	1.5	1	1	2	1	1	2	2	1	1	1	1	1	1	
386-387	3861	Enginers & Turbines	33.5	35.59	3	1	2	1	1	1.5	1	0.5	1	1	1	2	0	1	1	1.5	2	1	1	1	1	1	1.5	1.5	2	1	1	1	1	1	1	1	
	3862	Agriculture machinery & equipment	33.5			1	2	1	1	1.5	1	0.5	1	1	1	2	0	1	1	1.5	2	1	1	1	1	1	1	1.5	1.5	2	1	1	1	1	1	1	
	3863	Metal & wood working machinery	34			1	2	1	1	1.5	1	0.5	1	1	1	2	0	1	1	1.5	2	1	1	1	1	1	1	1.5	2	2	1	1	1	1	1	1	
	3864	Spical industrial machinery & equipment	34			1	2	1	1	1.5	1	0.5	1	1	1	2	0	1	1	1.5	2	1	1	1	1	1	1	1.5	2	2	1	1	1	1	1	1	
	3865	Industrial machinery & apparatus for generation of electricity	33.5			1	2	1	1	1	1	0	1	1	1	2	0	1	1	1	2	1	1	1	1	2	1	1.5	2	2	1	1	1	1	1	1	

MIGs		Total	MIG Average	Score obtained	Resource Use					Air Emission					Wastewater Discharge			Noise Nuisance			Waste Management				Chemical Wastes (C.W.)				Emergency Situation						
					Use of natural resources	Use of process chemicals	Use of organic solvent	Use of hazardous Substances	Use of Fuels & Energy	Use of other chemicals	Dust/Smoke Emission	Toxic Gas Emission	Green House Gases Emission	Odour Emission	IAQ	Discharge of toxic substances	Discharge of O&G	Other industrial discharge	Noise from machinery	Noise from ventilation	Noise from maintenance	Packaging wastes	Rejected products	Scrap tools & parts	Industrial wastes	Local regulated liquid C.W.	Local regulated solid C.W.	Global regulated liquid C.W.	Global regulated solid C.W.	L&S of Chemicals/Chemical Wastes	Leakage & Spillage of wastewater	Leakage & Spillage of air pollutants	Fire & Explosion		
	3866	Dry batteries	40.5			1.5	3	2	2.5	1	1.5	0	0.5	1	1	1	1.5	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1
	3867	Electric & torch bulbs & tubes	45			1.5	2	1	2	2.5	2	1	1	1	1	2	2	2	1	2	2	1	2	2	2	2	1	2	1	2	2	1	1	1	
	3868	Electronic industrial apparatus	34.5			1	1.5	2	1.5	1	1.5	0.5	0.5	1	1	1	0.5	0.5	1	1	1	1.5	2	1	0.5	1	2	1.5	1.5	2	2	1	1	1	
	3871	Machinery & equipment	34			1	2	1.5	1	1.5	1	1	1	2	1	1.5	0	1	1	1.5	1.5	1	1	1	1	1	1	1.5	1	1.5	1	1	1.5	1	
	3872	Electrical products & accessories	31			1.5	1.5	2	1	1	1	0	0	1	1	1	0	1	1	1	1	1	2	2	1	2	1	1	1	1	1	1	1	1	
	3873	Electronic products	38			1	2	1.5	2	1	2	1	1	1	1	2	1	1	1	2	1	1	2	2	1	2	1	1	1.5	1	1	1	1	1	
389	3891	Photographic & optical goods	24	26.00	1	1	1	1	1	1	1	0	1	0	0	1	0	0	1	1	1	1	1	2	2	1	1	1	1	0	0	1	1	1	1
	3892	Watches & clocks, mechanical	20			1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	3	1	1	1	0	0	0	0	1	1	1	1	1
	3893	Watches & Clocks, electronic	20			1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	3	1	1	1	0	0	0	0	1	1	1	1	1
	3894	Cases & parts for watches & clocks	38.5			1.5	2	2	2	1	2	1	1	1	1	2	1	1	2	2	1	1	2.5	1.5	1	1	1	1	1	1	1	1	1	1	1
	3899	Professional & scientific, and measuring & controlling equipment	27.5			1	1	1	2	1	1	0	1	0	0	0.5	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1

Scoring

- 0 N/A - Not applicable
- 1 Insignificant - not a typical environmental aspect in the industry
- 2 Normal - typical an environmental aspect in the industry
- 3 Significant - typical a significant environmental aspect in the industry

APPENDIX C – DEGREE OF SUPPLY CHAIN PRESSURE OF THE MIGs

MIGs	Degree of Supply Chain Pressure* Faced						Degree		Score Obtained
	Compliance	EMS	Eco-design	Cleaner production	Other environmental	Other non-environmental	Total	%	
381802	3	3	1	3	3	2	15	83.3%	7
382	2	2	2	1.5	1.5	1.5	10.5	58.3%	5
383	2	1	1.5	1.5	1	1	8	44.4%	3
384	2	3	3	2	2	2	14	77.8%	6
385	2	2	2	2	1	1	10	55.6%	4
386 -387	2	1	1	1	1	1	7	38.9%	1
389	1	1	2	1.5	1	1	7.5	41.7%	2

Scoring

1	Low-priority	Stable Trend
2	Medium-priority	Slow growing trend
3	High-priority	Rapid Growing trend

* types of supply chain pressure - please refer to explanation and examples (Appendix D)

APPENDIX D – SUPPLY CHAIN REQUIREMENTS OF MULTINATIONAL CORPORATIONS

Orgnizations	Type of Supply Chain Pressures						Sources of Information
	Compliance	EMS	Eco-design	Cleaner production	Other environmental	Other non-environmental	
Sony Corporation	Compliance with environmental-related laws and regulations	"Suppliers must have an active environmental management programme"	"is seeking the cooperation of its suppliers" to use lead-free soldering	Implementation of "Upstream Management", which means the effective management of materials and processes. Lead-free soldering, LCA, chemical substances in products, vegetable based plastic, product recycling.	Suppliers are subject to periodic audits	"must ... comply strictly with laws, regulations and social standards"	Sony Corporation Website - www.sony.com/index.php
		"expects its suppliers to introduce EMSs"	Green Partners have to meet all technical standards in the "Management Regulations for the Environment-related Substances to be Controlled which are included in Parts and Materials".			compliance with labour laws,	
		No explicit requirement for ISO 14001 certification	"must have the technological skills to needed to create the new technologies and parts that Sony requires" <i>è implies suppliers must have eco-design, cleaner production capabilities?</i>				

Oragnizations	Type of Supply Chain Pressures						Sources of Information
	Compliance	EMS	Eco-design	Cleaner production	Other environmental	Other non-environmental	
Matsushita Electric Group (Panasonic)	(no explicit requirements)	ISO 14001 certification required	Require disclosure of information on hazardous chemical substances (according to the “Chemical Substances Management Rank Guidelines”, level 1 substances requires “Non-use Warranty” and level 2 requires “Chemical Substance Content Survey Sheet”) Priority given to materials and parts that (i) enables reuse, recycling and energy efficiency, (ii) that contain no prohibited substances, (iii) contain reduced amount of chemical substances, (iv) with packaging material designed for resource conservation and with less hazardous substances.	Priority given to materials and parts that (i) create less noise, vibration, or offensive odor in the manufacturing process	Suppliers have to periodically conduct a self-evaluation of environmental improvement programmes and submit results to Matsushita.	(no explicit requirements)	Matsushita Electric Group (Panasonic) Website – panasonic.co.jp
Toshiba Corporation		Priorities given to suppliers with ISO 14001 certification. (credits are given to individual ISO 14001 elements.)	Priorities given to items that meet eco-design criteria such as resource saving, reusable, recyclable,	(not explicit requirement)	Credits are given in the evaluation process to suppliers exercising green procurement		Toshiba Corporation Website- www.toshiba.com

Organizations	Type of Supply Chain Pressures						Sources of Information
	Compliance	EMS	Eco-design	Cleaner production	Other environmental	Other non-environmental	
			use of recycled materials, ease of disposal, control or non-use of hazardous substances, energy saving, and durability.		Annual surveys on environmental activities and environmental performance assessment of items, by completing forms provided by Toshiba.		
LG Electronics	(Not mentioned)	(Not mentioned)	(Not mentioned)	(Not mentioned)	(Not mentioned)	(Not mentioned)	LG Electronics Website - www.lge.com
Samsung Electronics	(Not mentioned)	(Not mentioned)	(Not mentioned)	(Not mentioned)	Samsung conducts environmental and safety inspections on our suppliers at least twice a year. <i>(Not sure such inspections are limited to suppliers in Korea.)</i>	Samsung conducts environmental and safety inspections on our suppliers at least twice a year. <i>(Not sure such inspections are limited to suppliers in Korea.)</i>	Samsung Electronics Website - www.samsung.com
General Motors	All suppliers are expected to comply with environmental regulations	"The fundamentals of an EMS should be part of the suppliers' existing procedure to satisfy applicable legal requirements"	Suppliers have to provide information relevant to GM's specifications on the recyclability, recoverability and restricted substances, which are developed in response to EU's End of Life Vehicle Directive.	Tier 1 suppliers must provide an "input/output" inventory of their manufacturing process detailing process material flows (e.g. usage of materials, water and process emissions to air, water, etc) upon request by GM.		All suppliers are expected to comply with health and safety regulations	General Motors Website - www.gm.com
		All direct product suppliers must demonstrate conformance to ISO 14001. A "proof of compliance to ISO 14001" is required. (e i.e. "certification"?)	100% chemical content disclosure when required by GM.				

Organizations	Type of Supply Chain Pressures						Sources of Information
	Compliance	EMS	Eco-design	Cleaner production	Other environmental	Other non-environmental	
HP	requires compliance with environmental legislation	Expects suppliers to maintain EMS.	HP's General Specification for Environment (GSE) specifies substances to be prohibited or restricted (requirements may be from legislation or from HP)	Suppliers are expected to manage pollution from their operations.	Suppliers need to complete environmental performance review questionnaire	requires compliance with worker health and safety, labour legislation.	Hewlett-Packard (HP) - www.hp.com
		Suppliers must have environmental policies that cover: energy efficiency, hazardous materials, information and labelling, cleaner manufacturing, packaging, and product recycling and reuse.	HP's GSE specifies requirements for product labelling for recycling and disposal (requirements may be from legislation or from HP)	The GSE also prohibits and restrict the use of certain hazardous substances in the manufacturing process.	HP also conducts supplier audits and site visits (and "are evaluating the use of 3rd-party auditors for independent verification").	Suppliers are expected to provide OHS training, observe industrial hygiene, and workplace ergonomics, machine safeguarding and sound injury and illness reporting and management.	
						Expects suppliers to have management systems of OHS	
						Suppliers need to complete OHS performance review questionnaire	
Intel Corporation	(Not mentioned)	(Not mentioned)	(Not mentioned)	(Not mentioned)	(Not mentioned)	Intel evaluates the safety performance and programmes during initial selection and hiring phase.	Intel Corporation Website - www.intel.com
Whirlpool	(Not mentioned)	(Not mentioned)	(Not mentioned)	(Not mentioned)	(Not mentioned)	Supplies must pass a Supply Quality Audit,	Whirlpool Corporation Website - www.whirlpool.com

Organizations	Type of Supply Chain Pressures						Sources of Information	
	Compliance	EMS	Eco-design	Cleaner production	Other environmental	Other non-environmental		
Electrolux Group	Suppliers have to follow Electrolux' code of conduct, which covers (among others) environmental compliance.		Mandatory compliance with the "Restricted Materials Lists"				Suppliers have to follow Electrolux' code of conduct, which covers (among others) OHS.	Electrolux Group Website - www.electrolux.com
Nokia	Suppliers must meet applicable environmental legislation and provide evidence of compliance with such regulations	Suppliers shall have a properly documented EMS and/or a plan for its implementation.	Suppliers "shall upon request, declare the raw material contents of its products delivered to Nokia".	Suppliers needs to "take due consideration of environmental issues during ... manufacturing process design and production".	Suppliers need to evaluate their suppliers environmental performance and set environmental improvement targets as necessary.			Nokia Website - www.nokia.com
		The EMS should comply with ISO 14001 or other internationally recognised standard. At the very least, it should contain elements of such standards.	Suppliers "shall upon request, provide end of life treatment recommendations for their products".	Suppliers shall implement continuous improvement programmes for pollution control and waste reduction and waste management, and shall be able to provide supporting evidence.	Nokia expects its suppliers to conduct audits, initiate correction actions and monitor progress.			
			Supplier shall consider DfE in all phases of product development. All reasonable attempts should be made to reduce or eliminate hazardous constituents from the products and pursue the use of recyclable materials.					

APPENDIX E – LEGISLATION, REGULATIONS AND INDUSTRY STANDARDS

Details of the following ordinances and regulations can be found in the “Bilingual Laws Information System” website of the Department of Justice at <http://www.doj.gov.hk>.

For details of the codes of practice, technical memoranda, guidelines, and technical circulars, please visit the websites of the corresponding authorities

Air Pollution Control – Ordinances and Regulations

- *Air Pollution Control Ordinance (Cap. 311)*
- *Air Pollution Control (Asbestos) (Administration) Regulation*
- *Air Pollution Control (Construction Dust) Regulation*
- *Air Pollution Control (Dust and Grit Emission) Regulations*
- *Air Pollution Control (Fuel Restriction) Regulations*
- *Air Pollution Control (Furnaces, Oven and Chimneys) Installation and Alteration) Regulations*
- *Air Pollution Control (Motor Vehicle Fuel) Regulation*
- *Air Pollution Control (Open Burning) Regulation*
- *Air Pollution Control (Smoke) Regulation*
- *Ozone Layer Protection Ordinance (Cap. 403)*
- *Ozone Layer Protection (Controlled Refrigerants) Regulation*
- *Ozone Layer Protection (Products Containing Scheduled Substances) (Import Banning) Regulation*
- *Road Traffic Ordinance (Cap. 374)*
- *Road Traffic (Construction and Maintenance of Vehicles) Regulations*
- *Shipping and Port Control Ordinance (Cap. 313)*

Air Pollution – Codes of Practice, Technical Memoranda, Guidelines, Technical Circulars

- *Code of Practice on Asbestos Control – Preparation of Asbestos Investigation Report, Asbestos Management Plan and Asbestos Abatement Plan [Source: EPD]*
- *Code of Practice on Asbestos Control – Asbestos Work Using Full Containment or Mini Containment Method [Source: EPD]*
- *Code of Practice for the Prevention of Legionnaires’ Disease in Hong Kong [Source: EMSD]*
- *TM Issuing Air Pollution Abatement Notices to Control Air Pollution from Stationary Process [Source: EPD]*
- *Guidance notes for management of Indoor Air Quality in office and public places [Source: EPD]*
- *ProPECC PN 1/92 Impingement of Plumes from Boiler Chimneys on Adjacent Buildings [Source: EPD]*
- *ProPECC PN 4/94 Air Conditioning Refrigerants – A Time for Change [Source: EPD]*
- *ProPECC PN 2/96 Control of Air Pollution in Car Parks [Source: EPD]*
- *ProPECC PN 2/97 Handling of Asbestos Containing Materials in Buildings [Source: EPD]*
- *ProPECC PN 1/98 Control of Air Pollution in Semi-Confined Public Transport Interchanges [Source: EPD]*
- *ProPECC PN 1/99 Control of Radon Concentration in New Buildings [Source: EPD]*
- *PNAP 144 Control of Environmental Nuisance from Construction Sites [Source: BD]*
- *PNAP 114 Asbestos [Source: BD]*
- *ETWB TC 18/99 Particular Specification Clause for Vehicles Carrying Dusty Materials [Source: ETWB]*

Noise Control – Ordinances and Regulations

- *Noise Control Ordinance (Cap. 400);*
 - *Noise Control (General) Regulations*
 - *Noise Control (Construction Work) Regulation;*
 - *Noise Control (Construction Work Designated Areas) Notice;*
 - *Noise Control (Hand Held Percussive Breakers) Regulations*
 - *Noise Control (Air Compressors) Regulations*
 - *Noise Control (Motor Vehicles) Regulation*
-
- *Road Traffic (Construction and Maintenance of Vehicles) Regulation*
-
- *Factories and Industrial Undertakings Ordinance (Cap. 59)*
 - *Factories and Industrial Undertakings (Noise at Work) Regulations*
 - *Occupational Safety and Health Ordinance (Cap. 509)*

Noise Pollution – Codes of Practice, Technical Memoranda, Guidelines, Technical Circulars

- *Technical Memorandum for the Assessment of Noise from Places Other Than Domestic Premises, Public Places or Construction Sites [Source: EPD]*
 - *Technical Memorandum on Noise from Construction Work Other Than Percussive Piling [Source: EPD]*
 - *Technical Memorandum on Noise from Construction Work in Designated Areas [Source: EPD]*
 - *Technical Memorandum on Noise from Percussive Piling [Source: EPD]*
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- *ProPECC PN 1/93 Noise from Construction Activities – Statutory [Source: EPD]*
 - *ProPECC PN 2/93 Noise from Construction Activities – Non-statutory [Source: EPD]*
 - *ProPECC PN 4/93 Planning and Design Noise Sensitive Developments [Source: EPD]*
 - *ProPECC PN 1/96 Use of Quieter Construction Equipment for Road Opening Works during Non-Sociable Hours [Source: EPD]*
 - *ProPECC PN 1/97 Streamline Planning of Residential Developments Against Road Traffic Noise [Source: EPD]*
-
- *PNAP 144 Control of Environmental Nuisance from Construction Sites [Source: BD]*
 - *PNAP 228 Noise Annoyance Prevention Design of Pump Room and Ventilation System [Source: BD]*
-
- *ETWB TC No. 11/2002 Control of Site Crushers [Source: ETWB]*
 - *ETWB TC No. 6/97 Prohibition of the Use of Diesel Hammers for Percussive Piling for Government Projects [Source: ETWB]*

Water Pollution Control – Ordinances and Regulations

- *Water Pollution Control Ordinance (Cap. 358)*
- *Water Pollution Control (General) Regulations*
- *Technical Memorandum Standards for Effluents Discharged into Drainage and Sewerage Systems, Inland and Coastal Waters (Cap 358AK)*

- *Shipping and Port Control Ordinance (Cap. 313)*
- *Sewage Services Ordinance (Cap. 463)*
- *Waterworks Ordinance (Cap.102)*
- *Buildings (Demolition Works) Regulations*
- *Buildings Ordinance (Cap. 123)*
- *Waste Disposal Ordinance (Cap. 354)*
- *Dumping at Sea Ordinance (Cap. 466)*
- *Foreshores and Sea Bed (Reclamations) Ordinance (Cap. 127)*
- *Merchant Shipping (Prevention and Control of Pollution) Ordinance (Cap. 413)*
- *Merchant Shipping (Prevention of Oil Pollution) Regulations*
- *Merchant Shipping (Control of Pollution by Noxious Liquid Substances in Bulk) Regulations*
- *Radiation Ordinance (Cap. 303)*
- *Fisheries Protection Ordinance (Cap. 171)*

Water Pollution – Codes of Practice, Technical Memoranda, Guidelines, Technical Circulars

- *ProPECC PN 1/94 Construction Site Drainage [Source: EPD]*
- *ProPECC PN 3/97 A Revised Streamlined Approach for vetting of Drainage Plans Referred to EPD for Comments [Source: EPD]*
- *PNAP 144 Control of Environmental Nuisance from Construction Sites [Source: BD]*
- *ETWB TC 14/2004 Maintenance of Stormwater Drainage Systems and Natural Watercourses [Source: ETWB]*
- *ETWB TC 32/2003 Protection of the Harbour [Source: ETWB]*
- *ETWB TC 9/2001 Procedures for Gazetting under the Foreshore and Sea-bed (Reclamations) Ordinance (Chapter 127) [Source: ETWB]*
- *ETWB TC 18/1995 Drainage Impact Assessment Process for Public Sector Project [Source: ETWB]*
- *ETWB TC 3/1995 Control of Wave Reflection in Victoria Harbour [Source: ETWB]*
- *ETWB TC 3/1992 Abatement of Sanitary Nuisance from Defective Drains and Sewers in Private Streets and Service Lanes [Source: ETWB]*

Waste Management – Ordinances and Regulations

- *Waste Disposal Ordinance (Cap. 354)*
- *Waste Disposal (Chemical Waste) (General) Regulation*
- *Waste Disposal (Charges for Disposal of Chemical Waste) Regulation*
- *Waste Disposal (Charges for Disposal of Waste) Regulation*
- *Merchant Shipping (Prevention and Control of Pollution) Ordinance (Cap. 413)*
- *Merchant Shipping (Prevention of Oil Pollution) Regulations*
- *Merchant Shipping (Control of Pollution by Noxious Liquid Substances in Bulk) Regulations*
- *Foreshores and Sea Bed (Reclamations) Ordinance (Cap. 127)*
- *Buildings Ordinance (Cap. 123)*
- *Pesticides Ordinance (Cap. 133)*
- *Town Planning Ordinance (Cap. 131)*
- *Land (Miscellaneous Provisions) Ordinance (Cap. 28)*
- *Radiation Ordinance (Cap. 303)*
- *Dumping At Sea Ordinance (Cap. 466)*
- *Shipping and Port Control Ordinance (Cap. 313)*

Waste – Codes of Practice, Technical Memoranda, Guidelines, Technical Circulars

- *Code of Practices on the Packaging, Labelling and Storage of Chemical Wastes [Source: EPD]*
- *Code of Practices on the Handling, Transport and Disposal of Asbestos Waste [Source: EPD]*

- | |
|---|
| <ul style="list-style-type: none"> • <i>A Guide to the Chemical Waste Control Scheme</i> [Source: EPD] • <i>A Guide to the Registration of Chemical Waste Producers</i> [Source: EPD] • <i>ProPECC PN 3/94 Contaminated Land Assessment and Remediation</i> [Source: EPD] |
| <ul style="list-style-type: none"> • <i>PNAP 144 Control of Environmental Nuisance from Construction Sites</i> [Source: BD] • <i>PNAP 155 Marine Disposal of Dredged Mud</i> [Source: BD] • <i>PNAP 243 Construction and Demolition Waste</i> [Source: BD] • <i>PNAP 252 Management Framework for Disposal of Dredged/Excavated Sediment</i> [Source: BD] • <i>PNAP 275 Use of Recycled Aggregated in Concrete</i> [Source: BD] • <i>PNAP 268 Resident Supervision and Debris Management System for Demolition Works</i> [Source: BD] |
| <ul style="list-style-type: none"> • <i>ETWB TC 15/2003 Waste Management on Construction Sites</i> [Source: ETWB] • <i>ETWB TC 34/2002 Management of Dredged/Excavated Sediment</i> [Source: ETWB] • <i>ETWB TC 33/2002 Management of Construction and Demolition Material Including Rock</i> [Source: ETWB] • <i>ETWB TC 21/2002 Trip-ticket System for Disposal of Construction and Demolition Material</i> [Source: ETWB] • <i>ETWB TC 6/2002A Enhanced Specification for Site Cleanliness and Tidiness</i> [Source: ETWB] • <i>ETWB TC 12/2000 Fill Management</i> [Source: ETWB] • <i>ETWB TC 3/2000 Management of Dredged/Excavated Sediment</i> [Source: ETWB] • <i>ETWB TC 25/1999 Incorporation of Information on Construction and Demolition Material</i> [Source: ETWB] • <i>Management in Public Works Subcommittee Papers</i> [Source: ETWB] • <i>ETWB TC 4/1998 Use of Public Fill in Reclamation and Earth Filling Projects</i> [Source: ETWB] • <i>ETWB TC 16/1996 Wet Soil in Public Dumps</i> [Source: ETWB] • <i>ETWB TC 2/1993 Public Dumps</i> [Source: ETWB] • <i>ETWB TC 10/1992 Provision of Refuse Containment Booms in Reclamation Contracts Involving Public Dumping</i> [Source: ETWB] |

Dangerous Goods Management – Ordinances and Regulations

- | |
|---|
| <ul style="list-style-type: none"> • <i>Dangerous Goods Ordinance (Cap. 295)</i> • <i>Dangerous Goods (Application & Exemption) Regulations</i> • <i>Dangerous Goods (General) Regulations</i> |
| <ul style="list-style-type: none"> • <i>Radiation Ordinance (Cap. 303)</i> • <i>Fire Protection Notice No.4 Dangerous Goods General</i> [Source: Fire Services Department] |

Dangerous Goods Management - Ordinances and Regulations: Codes of Practice, Technical Memoranda, Guidelines, Technical Circulars

- | |
|--|
| <ul style="list-style-type: none"> • <i>ProPECC Practice Note PN 2/94 Potentially Hazardous Installations</i> [Source: EPD] |
|--|

Environmental Impact Assessment (EIA) – Ordinances and Regulations

- | |
|---|
| <ul style="list-style-type: none"> • <i>Environmental Impact Assessment Ordinance (Cap. 499)</i> |
|---|

EIA – Codes of Practice, Technical Memoranda, Guidelines, Technical Circulars

- EIAO Guidance Notes (GN1/2002): *EIA Principles* [Source: EPD]
- EIAO Guidance Notes (GN2/2002): *Environmental Study Management Group* [Source: EPD]
- EIAO Guidance Notes (GN3/2002): *Mitigation Measures* [Source: EPD]
- EIAO Guidance Notes (GN4/2002): *Independent Environmental Checker* [Source: EPD]
- EIAO Guidance Notes (GN5/2002): *Implementation Schedule* [Source: EPD]
- EIAO Guidance Notes (GN6/2002): *Ecological Assessment* [Source: EPD]
- EIAO Guidance Notes (GN7/2002): *Ecological Baseline Survey* [Source: EPD]
- EIAO Guidance Notes (GN8/2002): *Landscape and Visual Impact Assessment* [Source: EPD]
- *Technical Memorandum on Environmental Impact Assessment Process* [Source: EPD]
- ETWB TC 13/2003 *Guidelines and Procedures for EIA of Government Projects and Proposals* [Source: ETWB]
- ETWB TC 27/1999 *Environmental Impact Assessment Ordinance Particular Specification Clause* [Source: ETWB]

Resources Use – Codes of Practice, Technical Memoranda, Guidelines, Technical Circulars

- *Code of Practice for Energy Efficiency of Lift and Escalator Installations* [Source: EMSD]
- *Code of Practice for Energy Efficiency of Electrical Installations* [Source: EMSD]
- *Code of Practice for Energy Efficiency of Air Conditioning Installations* [Source: EMSD]
- *Code of Practice for Energy Efficiency of Lighting Installations* [Source: EMSD]
- PNAP 153 *Tropical Hardwood Timber* [Source: BD]
- ETWB TC 12/2002 *Specifications Facilitating the Use of Recycled Aggregates* [Source: ETWB]
- ETWB TC 19/2001 *Metallic Site Hoardings and Signboards* [Source: ETWB]
- ETWB TC 4/98A *Use of Public Fill in Reclamation and Earth Filling Projects* [Source: ETWB]
- ETWB TC 2/97 *Use of PFA in Concrete Pile Caps and Substructures* [Source: ETWB]
- ETWB TC 14/94 *Use of PFA as General Fill in Reclamations* [Source: ETWB]
- ETWB TC 32/92 *The Use of Tropical Hardwood on Construction Sites* [Source: ETWB]
- ETWB TC 14/90 *The Use of PFA in Structural Concrete* [Source: ETWB]

Other Ordinances and Regulations

- *Country Parks Ordinance* (Cap. 208)
- *Country Parks and Special Areas Regulations*
- *Marine Parks Ordinance* (Cap. 476)
- *Marine Parks and Marine Reserves Regulations*
- *Antiquities and Monuments Ordinance* (Cap. 53)
- *Public Health and Municipal Services Ordinance* (Cap. 132)
- *Summary Offences Ordinance* (Cap. 228)
- *Fixed Penalty (Public Cleanliness Offences) Ordinance* (Cap.570)

Other Codes of Practice, Technical Memoranda, Guidelines, Technical Circulars

- PNAP 267 *Felling, Trimming or Replanting of Trees* [Source: BD]
- LAO PN 8/2002 *Application for Tree Felling or Transplanting for private projects* [Source: Lands Department]

- ETWB TC 08/2004 *Tender Evaluation of Works Contracts* [Source: ETWB]
- ETWB TC 34/2003 *Community Involvement in Greening Works* [Source: ETWB]
- ETWB TC 22/2003 *Additional Measures to Improve Site Cleanliness and Control Mosquito Breeding on Construction Sites* [Source: ETWB]
- ETWB TC 14/2003 *Role of Departmental Safety & Environmental Advisor on HSE Protection* [Source: ETWB]
- ETWB TC 02/2003 *Regulating Action where a Serious Incident has or Site Safety or Environmental Offences have occurred on a Construction Site* [Source: ETWB]
- ETWB TC 47/2002 *Management of Sub-Contractors by Contractors* [Source: ETWB]
- ETWB TC 24/2002 *Contractors' Performance Index System* [Source: ETWB]
- ETWB TC 14/2002 *Management and Maintenance of Natural Vegetation and Landscape Works, and Tree Preservation* [Source: ETWB]
- ETWB TC 07/2002 *Tree Planting in Public Works* [Source: ETWB]
- ETWB TC 4/97 *Guidelines for Implementing the Policy on Off-site Ecological Mitigation Measures* [Source: ETWB]
- ETWB TC 25/1993 *Control of Visual Impact of Slopes* [Source: ETWB]
- ETWB TC 28/1992 *Damage of Crops and Property on Agricultural Lands* [Source: ETWB]
- ETWB TC 25/1992 *Allocation of Space for Urban Street Trees* [Source: ETWB]

APPENDIX F – INTERNET RESOURCES FOR ENVIRONMENTAL REQUIREMENTS IN EUROPE, JAPAN AND USA

Environmental Requirements in Europe	Internet Resources
Waste Electrical and Electronic Equipment (WEEE) Directive 2002 (Directive 2002/96/EC)	http://europa.eu.int/comm/environment/waste/weee_index.htm
Restriction of Hazardous Substances Directive 2002 (ROHS) (Directive 2002/95/EC)	http://europa.eu.int/comm/environment/waste/weee_index.htm
Directive 2000/55/EC on energy efficiency requirements for ballast for fluorescent lighting 2000	http://europa.eu.int/scadplus/leg/en/lvb/l27032.htm
Directive 96/57/EC on energy efficiency requirements for household electric refrigerators, freezers and combination 1996	http://europa.eu.int/scadplus/leg/en/lvb/l21016.htm
Packaging Directive 1994 (Directive 94/62/EC)	http://europa.eu.int/scadplus/leg/en/lvb/l21207.htm
Nickel Directive 1994 (Directive 94/27/EC)	http://eur-lex.europa.eu/smartapi/cgi/sga_doc?smartapi!celexplus!prod!DocNumber&lg=en&type_doc=Directive&an_doc=1994&nu_doc=27
Energy Labelling Directive 1992 (Directive 92/75/EEC)	http://eur-lex.europa.eu/smartapi/cgi/sga_doc?smartapi!celexplus!prod!DocNumber&lg=en&type_doc=Directive&an_doc=1992&nu_doc=75
Batteries Directive 1991 (Directives 91/157/ECC and 98/101/EC) and Battery Marking Directive 1993 (Directive 93/86/EEC)	http://www.grc.cf.ac.uk/lrn/resources/waste/classification/controlled/hazardous/batteries.php
Directive 86/594/ECC on airborne noise emitted by household appliances 1986	http://ec.europa.eu/enterprise/newapproach/standardization/harmstds/reflist/airnoise.html
Environmental Requirements in Japan	Internet Resources
Revised Recycling Law 1995 (Formally known as the Law for Promotion of Effective Utilization of Resources)	http://www.env.go.jp/en/laws/recycle/06.pdf
Containers and Packaging Recycling Law 1997 (Formally known as Law for Promotion of Sorted Collection and Recycling of Containers and Packaging)	http://www.env.go.jp/en/laws/recycle/07.pdf
Home Appliance Recycling Law 1998 (Formally known as the Law for Recycling of Specified Kinds of Home Appliances)	http://www.env.go.jp/en/laws/recycle/08.pdf
Energy Conservation Law 1998 (Formally known as the Law Concerning the Rational Use of Energy)	http://www.eccj.or.jp/index_e.html
Environmental Requirements in United States of America	Internet Resources

Battery Act 1996 (formally known as Mercury-Containing Rechargeable Battery Management Act)	http://www.epa.gov/compliance/civil/ba/index.html
Federal Energy Efficiency Law 1995	http://www1.eere.energy.gov/femp/about/legislation.html
State Electronic Waste Legislation and Mandatory Electronics take back Programme	http://www.eiae.org/

APPENDIX G – KEY ELEMENTS OF THE EU WEEE AND ROHS DIRECTIVES

1) OBJECTIVE

To prevent the generation of electrical and electronic waste and to promote reuse, recycling and other forms of recovery in order to reduce the quantity of such waste to be eliminated, whilst also improving the environmental performance of economic operators involved in its treatment.

To approximate the laws of the EU member states on restricting the use of hazardous substances in electrical and electronic equipment in order to contribute to the recovery and elimination of equipment waste and the protection of human health.

2) ACT

Directive 2002/96/EC of the European Parliament and of the Council of 27 January 2003 on waste electrical and electronic equipment [Official Journal L 37, 13.2.2003].

Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment [Official Journal L 37, 13.2.2003].

3) SUMMARY

Directive on waste electrical and electronic equipment

1. Scope

This Directive applies to the following categories of electrical and electronic equipment:

- large and small household appliances;
- IT and telecommunications equipment;
- consumer equipment;
- lighting equipment;
- electrical and electronic tools (with the exception of large-scale stationary industrial tools);
- toys, leisure and sports equipment;
- medical devices (with the exception of implanted and infected products);
- monitoring and control instruments;
- automatic dispensers.

2. Product design

EU member states are to encourage the design and production of electrical and electronic equipment which take into account and facilitate dismantling and recovery, in particular the reuse and recycling of waste electrical and electronic equipment.

3. Separate collection

EU member states are to minimise the disposal of waste electrical and electronic equipment (WEEE) as unsorted municipal waste and are to set up separate collection systems for WEEE. In the case of electrical and electronic waste, EU member states are to ensure that, as from 13 August 2005:

- final holders and distributors can return such waste free of charge;
- distributors of new products ensure that waste of the same type of equipment can be returned to them free of charge on a one-to-one basis;
- producers are allowed to set up and operate individual or collective take-back systems;
- the return of contaminated waste presenting a risk to the health and safety of personnel may be refused.

Producers must make provision for the collection of waste which is not from private households. EU member states must ensure that all waste electrical and electronic equipment is transported to authorised treatment facilities.

4. By 31 December 2006 at the latest, a rate of separate collection of at least 4 kg on average per inhabitant per year of waste electrical and electronic equipment from private households must be achieved. A new target rate to be set at a later date is to be achieved by 31 December 2008.

5. Treatment

Producers of electrical and electronic equipment must apply the best available treatment, recovery and recycling techniques. Such treatment is to include the removal of fluids and selective treatment in accordance with Annex II to the Directive. Waste treatment and storage must be in conformity with Annex III to the Directive.

6. Establishments responsible for treatment operations must obtain a permit from the competent authorities. They are encouraged to participate in the Community eco-management and audit scheme (EMAS).

7. Treatment operations may also be undertaken outside the EU member state concerned, or even outside the Community, subject to compliance with Council Regulation (EEC) No 259/93 on the supervision and control of shipments of waste within, into and out of the European Community. Treatment outside the Community only count for the fulfilment of the targets of the Directive if the exporter can prove that treatment operations took place under conditions that are equivalent to the requirements of this Directive.

8. Recovery

Producers must set up systems for the recovery of waste electrical and electronic equipment collected separately.

9. By 31 December 2006, the rate of recovery by an average weight per appliance must be at least 80% in the case of large domestic appliances and automatic dispensers, 70% in the case of small domestic appliances, lighting equipment, electrical and electronic tools, toys, leisure and sports equipment and monitoring and control instruments, and 75% in the case of IT and telecommunications equipment and consumer equipment. By the same date, the rate of component, material and substance reuse and recycling by an average weight per appliance must be at least 80% in the case of discharge lamps, 75% in the case of large domestic appliances and automatic dispensers, 50% in the case of small domestic appliances, lighting equipment, electrical and electronic tools, toys, leisure and sports equipment and monitoring and control equipment, and 65% in the case of IT and telecommunications equipment and consumer equipment.

10. By 13 August 2004, the Commission is to lay down the rules on compliance with the rates specified above. Producers must state the weight of the electrical and electronic waste entering and leaving treatment and recovery or recycling facilities. By 31 December 2008, the European Parliament and the Council are to set new targets for recovery, recycling and reuse.

11. Financing

By 13 August 2005, producers must provide for the financing of the collection, treatment, recovery and environmentally sound disposal of waste electrical and electronic equipment. In the case of products placed on the market later than 13 August 2005, each producer is responsible for providing financing in respect of his own products. When a producer places a product on the market, he must furnish a guarantee concerning the financing of the management of his waste. Such a guarantee may take the form of participation by the producer in financing schemes, a recycling insurance or a blocked bank account. In the case of products placed on the market before 13 August 2005 ('historical waste'), financing is to be provided by the producers existing on the market, who are, for instance, to contribute proportionately to their share of the market.

12. By 13 August 2005, financing is to be covered by producers in the case of waste from holders other than private households and placed on the market after that date. In the case of waste from products placed on the market before 13 August 2005, management costs are to be borne by producers. However, EU member states may provide that users be made responsible, partly or totally, for this financing.

13. Information

Users of electrical and electronic equipment in private households must have access to the necessary information on the requirement not to mix this type of waste with unsorted municipal waste and to

ensure separate collection, collection and take-back systems, their role in the recovery of waste, the effects of such waste on the environment and health, and the meaning of the symbol which must appear on the packaging of such equipment (a crossed-out wheeled bin).

14. Producers must mark electrical and electronic equipment placed on the market after 13 August 2005 with the above-mentioned symbol.

15. For each new type of electrical or electronic equipment, producers must provide, within one year after it is placed on the market, information on its reuse and treatment. Such information is to identify the components and materials present in the equipment and the location of dangerous substances and preparations. Such information must be communicated to reuse centres and treatment and recycling facilities. Producers of electrical and electronic equipment placed on the market as from 13 August 2005 will be identifiable by a mark on each appliance.

16. Reporting and penalties

EU member states are to draw up a register of producers and keep information on the quantities and categories of electrical and electronic equipment placed on the market, collected, recycled and recovered in their territory. Every three years, they must also send a report to the Commission on the implementation of this Directive. The first such report will cover the 2004-2006 period. The Commission is then to publish a report on the same subject within nine months after receiving the reports from the EU member states.

17. EU member states are to determine the penalties applicable to breaches of this Directive.

Directive on the use of certain hazardous substances

18. This Directive covers the same scope as the Directive on waste electrical and electronic equipment (except for medical devices and monitoring and control instruments). It also applies to electric light bulbs and luminaires in households.

19. From 1 July 2006, lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBBs) and polybrominated diphenyl ethers (PBDEs) in electrical and electronic equipment must be replaced by other substances. Certain exceptions are specified in the annex to the Directive.

20. By 13 February 2005, the Commission will review the provisions of the Directive, in particular as regards the feasibility of widening its scope and adapting the list of substances it covers so as to take account of new scientific facts.

21. EU member states are to determine the penalties applicable to breaches of this Directive.

Act	Date of entry into force	Final date for implementation in the EU member states
Directive 2002/96/EC	13.2.2003	13.8.2004
Directive 2002/95/EC	13.2.2003	13.8.2004

Source: European Union - <http://europa.eu/>

APPENDIX H – ORGANISATIONS OFFERING SUPPORT TO ELECTRICAL / ELECTRONIC SMEs

Organization	Website Address	Type of Supports to be Provided to the SME of the S&E Sector*										
		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Cat 8	Cat 9	Cat 10	Cat 11
Academic Institution - Hong Kong												
Centre for Electronic Packaging and Assemblies, Failure Analysis and Reliability Engineering (EPA Centre) of CityUHK	http://www.ee.cityu.edu.hk/~epa/home.htm						1	1				1
Industrial and Systems Engineering Department, HK Polytechnical University	http://www.ise.polyu.edu.hk/						1		1			
Mechanical Engineering Department of HKUST	http://www.me.ust.hk/						1		1			
The Centre of Urban Planning and Environmental Management, HKU	http://www.hku.hk/cupem/home/index.html	1										1
Trade-specific Association/ Professional Bodies - Hong Kong												
Hong Kong Electronic Industries Association	http://www.hkeia.org/						1	1	1	1	1	1
Hong Kong Electronic Packaging and Manufacturing Services Association (HKEPMSA)	http://www.hkepmsa.org/about.htm						1	1	1			1
Electrical Division of The Hong Kong Institution of Engineers	http://www.hkie-electrical.com/						1	1	1			
Electronics Division of The Hong Kong Institution of Engineers	http://asic.ee.cuhk.edu.hk/en-division/						1	1				
Hong Kong Green Manufacturing Alliance	http://www.gma.org.hk/				1				1	1		1
NGO - Hong Kong												
Business Environment Council	http://www.bec.org.hk	1	1	1	1	1					1	1
Hong Kong Productivity Council	http://www.hkpc.org	1	1					1		1	1	1
Academic Institution - Mainland & Overseas												
Huazhong University of Science & Technology	http://www.hust.edu.cn/						1	1	1			
Shanghai Jiao Tong University	http://www.sjtu.edu.cn/						1	1	1			
The Computer Aided Life Cycle Engineering (CALCE) Electronic Products and Systems Center, University of Maryland	http://www.calce.umd.edu/						1	1	1	1		

Organization	Website Address	Type of Supports to be Provided to the SME of the S&E Sector*										
		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Cat 8	Cat 9	Cat 10	Cat 11
Electronic Production of Chalmers University of Technology	http://www.chalmers.se/en/sections/research/professors/interviews/interview-with-professor7328						1	1	1			
Trade-specific Association - Mainland & Overseas												
Electronics Manufacturing Technology China	http://www.nepconchina.com/						1	1	1			1
Institute of Electrical and Electronics Engineers, Inc	http://www.ieee.org						1	1	1			
IEEE Reliability Society	http://www.ieee.org/portal/site/relsoc/menuitem.112d36a56667b078fb2275875bac26c8/index.jsp?&pName=relsoc_home						1	1				
Electronic Industries Alliance	http://www.eia.org/						1	1	1		1	1
IEEE Components, Packaging, and Manufacturing Technology (CPMT) Society	http://www.cpmt.org/						1	1	1			
The Fraunhofer Institute for Reliability and Microintegration (IZM)	http://www.izm.fraunhofer.de/EN/About/index.jsp						1	1	1			
The Electronic Components, Assemblies, & Materials Association	http://www.ec-central.org/abouteca/index.htm						1	1				
Consumer Electronics Association (CEA)	http://www.ce.org						1	1				
Government Electronics & Information Technology Association	http://www.geia.org/						1	1	1			1
Government & Government-related Bodies - Mainland												
廣東省環保產業協會	http://www.gdepi.com.cn								1	1	1	1
廣東省環境保護局	http://www.gdepb.gov.cn/								1	1	1	1
廣東省環境保護宣傳與教育	http://www.gdepb.gov.cn/xcyjy/index.html								1	1	1	1
深圳市環境保護局	http://www.szepb.gov.cn/								1	1	1	1
深圳市環境工程諮詢服務中心	http://www.szeecsc.com/								1	1	1	1
國家環境保護總局	http://www.zhb.gov.cn/								1	1	1	1
ISO14000 國家示範區	http://www.sepa.gov.cn/tech/ISO14000/								1	1	1	1

Organization	Website Address	Type of Supports to be Provided to the SME of the S&E Sector*											
		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Cat 8	Cat 9	Cat 10	Cat 11	
深圳市環境監測中心站	http://www.szems.gov.cn/									1	1	1	1
中國環保網	http://www.ep.net.cn/									1	1	1	1
中國合格評定國家認可委員會	http://www.cnas.org.cn/			1						1	1	1	1
中國環境影響評價網	http://www.china-eia.com/									1	1	1	1
國家環境保護環境認證中心	http://www.sepacec.com/			1						1	1	1	1
NGO -Overseas													
National Science and Technology Education Partnership - US	http://www.nationalstep.org							1	1	1		1	1
The SIGMA project - UK	http://www.projectsigma.co.uk/											1	1
Environmental Management Accounting Network	http://www.eman-eu.net/											1	1

Cat 1	ISO 14001 EMS Training
Cat 2	ISO 14001 EMS Consultation
Cat 3	ISO 14001 EMS free advisory services
Cat 4	ISO 14001 EMS mentoring service
Cat 5	SME support
Cat 6	Eco-design & DFE
Cat 7	LCA/LCC
Cat 8	Cleaner Production
Cat 9	Pollution control technologies
Cat 10	Environmental Legislations & Other requirements
Cat 11	Environmental Information Centre

APPENDIX I – EPD DIRECTORY OF ENVIRONMENTAL CONSULTANTS (FULL LIST)

Please visit EPD website at:

http://www.epd.gov.hk/epd/english/business_job/business_opp/files/full_list.pdf