

Register of Environmental Aspects

(EAR-01)

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Contents of Register of Environmental AspectsTable 1 - Office

OF) Office Activities (Hong Kong and Shenzhen)
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WP) Water pump room
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WC) Water cooling tower
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DG) DI water generator
EG) Emergency electricity generator
GA) Greening areas
GM) General Maintenance

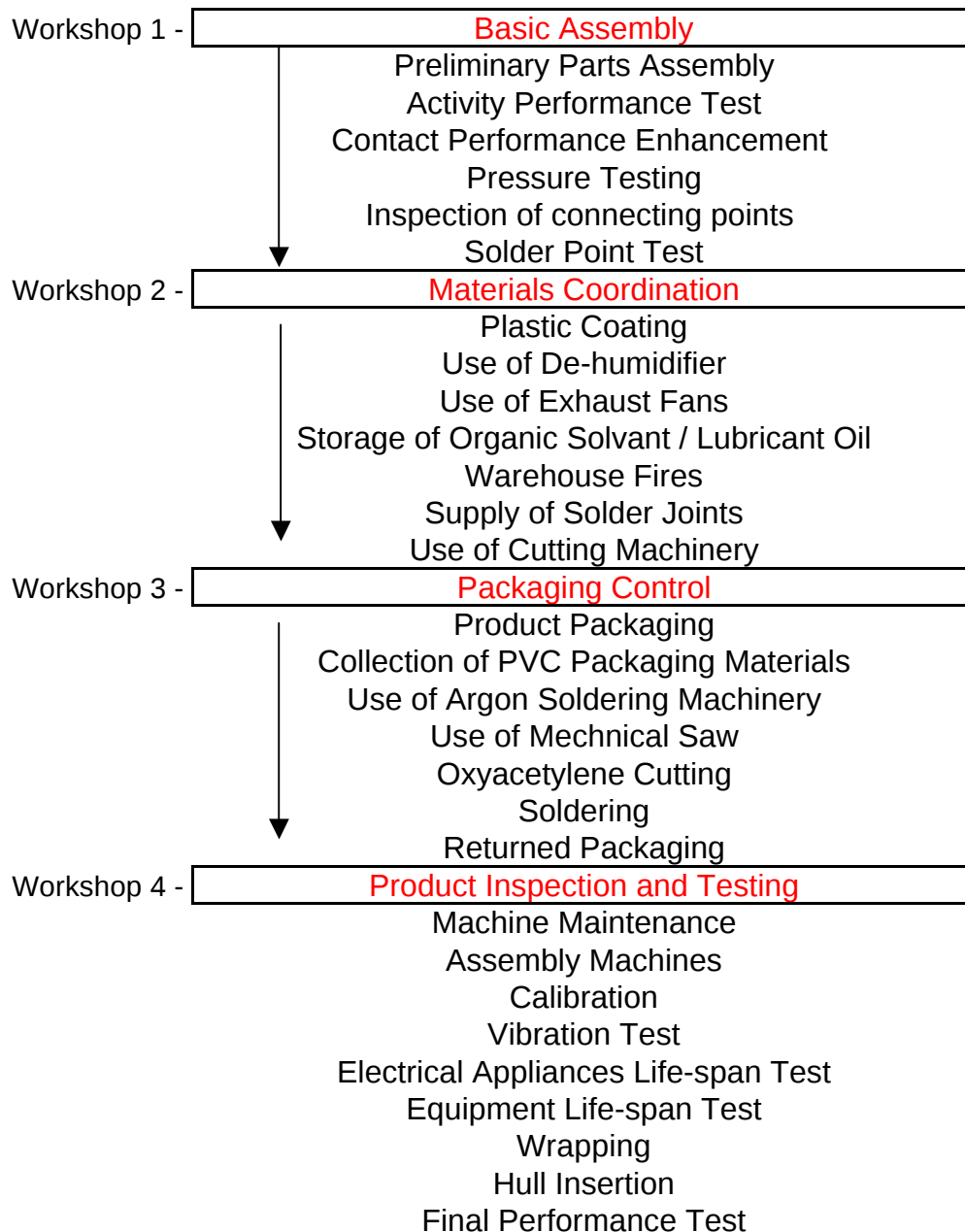
Table 4 – Production Processes

PA) Workshop 1 - Basic Assembly
PM) Workshop 2 - Warehouse
PP) Workshop 3 - Packaging
PT) Workshop 4 - Product Inspection and Testing

Note: The environmental aspect (EA) tables are presented in the order of office activities as the first item because:

- 1) this arrangement is a well-accepted and common practice for EMS professionals to prepare the EA register
- 2) the EAs for office activities are applicable to all staff, which is important for promoting staff awareness

However, the significant EAs (SEAs) for production processes would normally be the most important area to address relevant operational controls



Ref	Environmental Aspects	Potential Environmental Impacts						Evaluation of significance						SEA	Operational Control / O&T Reference	
		Resources Utilisation	Waste Mgmt	Air Emission	Water Pollution	Noise / vibration	Land Contamination	Flora / Fauna	Legal	Hong Kong Relevant Legislation	Shenzhen Relevant Legislation	Env. Impact	Quantity			Corporate Concern
Office Activities (Hong Kong and Shenzhen)																
OF-01	Use of Paper	x							0			0	1	-	Y	EI-01
OF-02	Use of Envelops	x							0			0	0	0	N	
OF-03	Use of Stationery and Office Equipment	x							0			0	0	0	N	
OF-04	Use of Toner Cartridges	x							0			0	1	-	Y	EI-01
OF-05	Use of Detergents at Pantry	x							1		F11	0	0	0	Y	EI-01, EI-06
OF-06	Use of Water	x							1		F5	0	1	-	Y	EI-01, EI-08
OF-07	Electricity Consumption for Lighting and Air Conditioning	x							1		F5	0	1	-	Y	EI-01, EI-08
OF-08	Electricity Consumption for Office Equipment and Other Purposes	x							1		F5	0	1	-	Y	EI-01, EI-08
OF-09	Use / Release of CFC Substances (e.g. refrigerants for air conditioning units)			x					1	H1, H2	A6, A7, F1-F4, F9, F10, F12	-	-	-	Y	EI-05
OF-10	Generation of Ground Level Ozone (from photocopiers and laser printers)			x					0			0	0	0	N	
OF-11	Indoor Air Ventilation			x					1	H5, H6	A10	0	0	0	Y	EI-01
OF-12	Noise from Office Equipment					x			0			0	0	0	N	
OF-13	Wastewater discharge				x				1		D1-D9, F1-F4, F9, F10, F12	-	-	-	Y	EI-01

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		Resources Utilisation	Waste Mgmt	Air Emission	Water Pollution	Noise / vibration	Land Contamination	Flora / Fauna	Legal	Hong Kong Relevant Legislation	Shenzhen Relevant Legislation	Env. Impact	Quantity			Corporate Concern
OF-14	Disposal of Waste (general refuse)		x						1	H3	C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-04
OF-15	Disposal of Toner Cartridges		x						1	H3	C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-04
OF-16	Disposal of Fluorescent Tubes		x						1	H3	C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-04
OF-17	Disposal of Batteries		x						1	H3	C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-04
OF-18	Disposal of Recyclable Waste (paper, plastic, aluminium cans)		x						1	H3	C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-04
OF-19	Disposal of Food Waste (pantry waste, lunch boxes)		x						1	H3	C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-04
OF-20	Pest control - use of insecticide by subcontractor			x					0	H7		0	0	1	Y	EP-05
OF-21	Building facility maintenance, cleaning and waste collection services provided by Building Management Office (Hong Kong office)		x		x				0			0	0	1	Y	EI-02
OF-22	Potential fire		x	x	x	x	x		0			1	-	-	Y	EP-05

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OF-23	Use of fire extinguishers	x		x					1	H1, H2,	A5, A6, A7, F1-F4, F9, F10, F12	1	-	-	Y	EI-05
Canteen (Shenzhen Factory)																
CC-01	Use of beverages and food (Meat, Vegetables and Fruits)	x							0	NA		0	0	0	N	
CC-02	Use of Oil and Seasonings	x							0			0	0	0	N	
CC-03	Use of Water	x							0			0	1	-	Y	EI-01, EI-08
CC-04	Use of Tableware (e.g. chopsticks, spoon)	x							0			0	0	0	N	
CC-05	Use of Detergents and Sanitisers	x							0			0	0	0	N	
CC-06	Use of Pesticides	x							0			0	0	0	N	
CC-07	Use and release of Refrigerant from refrigerators			x					1		A6, A7, F1-F4, F9, F10, F12	-	-	-	Y	EI-05
CC-08	Discharge of Wastewater				x				1		D1-D9, F1-F4, F9, F10, F12	-	-	-	Y	EI-06
CC-09	Oily Fumes Emissions			x				x	1		A11, A12, F1-F4, F9, F10, F12	-	-	-	Y	EI-05
CC-10	Disposal of Food Waste		x						1		C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-04

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CC-11	Disposal of Refuse		x						1	NA	C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-04
CC-12	Disposal of Oil/ Grease Waste		x						1		C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-04
Dormitory (Shenzhen Factory)																
DM-01	Use of Water	x							0	NA		0	1	-	Y	EI-08
DM-02	Use of Electricity	x							0			0	1	-	Y	EI-08
DM-03	Discharge of Domestic Wastewater				x				1		D1-D9, F1-F4, F9, F10, F12	-	-	-	Y	EI-06
DM-04	Disposal of Refuse		x						1		C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-04
Evaluation of Suppliers and Contractors (shenzhen factory)																
SC-01	On-site installation/maintenance contractors	x	x	x	x	x	x	x	0		G1-G5	0	0	1	Y	EI-02
SC-02	Chemical suppliers (chemicals for production processes)	x	x	x	x	x	x	x	0		G1-G5	0	0	1	Y	EI-02
SC-03	Material suppliers (packaging materials, food)	x	x						0		G1-G5, G6, G7	0	0	1	Y	EI-02
SC-04	Equipment suppliers (electrical equipment, machinery)	x		x	x	x			0		G1-G5, G6	0	0	1	Y	EI-02
SC-05	Office / facility cleaning contractors	x	x	x	x	x	x	x	0		G1-G5	0	0	1	Y	EI-02
SC-06	Waste collectors	x	x	x	x	x	x	x	0		G1-G5	0	0	1	Y	EI-02

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Use of Vehicles (Shenzhen factory)																
V-01	Fuel consumption by vehicle	x							0		0	1	-	Y	EI-03, EI-08, EI-10	
V-02	Type of fuel consumed (legal)			x					1	A4, A14, F1-F4, F9, F10, F12	-	-	-	Y	EI-03, EI-10	
V-03	Noise produced by vehicle					x			1	B1, B5, F1-F4, F9, F10, F12	-	-	-	Y	EI-03, EI-10	
V-04	Exhaust air emissions			x					1	A3, A12, A14, F1-F4, F9, F10, F12	-	-	-	Y	EI-03, EI-10	
V-05	Discharge of vehicle wash water				x				1	D1-D9, F1-F4, F9, F10, F12	-	-	-	Y	EI-03, EI-10	
V-06	Venting of refrigerants from air conditioning unit of vehicles			x					1	A6, A7, F1-F4, F9, F10, F12	-	-	-	Y	EI-03, EI-10	
V-07	Vehicle maintenance : waste generation (old parts, contaminated wastes, lubricant oil disposal)		x				x		1	C1-C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-03, EI-10	
V-08	Traffic congestion			x					0		0	0	0	N	EI-03, EI-10	
V-09	Potential oil leakage		x	x	x		x		0		1	-	-	Y	EI-03, EI-10	
V-10	Selection of maintenance and repair services provider	x	x	x	x	x	x	x	0		0	0	1	Y	EI-03, EI-10	

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		Resources Utilisation	Waste Mgmt	Air Emission	Water Pollution	Noise / Vibration	Land Contamination	Flora / Fauna	Legal	Relevant Legislation	Env. Impact	Quantity	Corporate Concern		
1) Water pump room															
WP-01	Use of electricity for pumping water	x							0		0	1	-	Y	EI-08
WP-02	Noise from operating water pump					x			1	B1-B5, F1-F4, F9, F10, F12	-	-	-	Y	EI-07
WP-03	Potential leakage of water pipes				x				0		1	-	-	Y	EP-05
2) Ventilation system / air conditioning system															
VS-01	Use of air filters	x							0		0	0	0	N	
VS-02	Use / Release of CFC Substances (e.g. refrigerants for air conditioning units)			x					1	A6, A7, F1-F4, F9, F10, F12	-	-	-	Y	EI-05, O&T-2006-2
VS-03	Noise from ventilation system					x			0		0	0	0	N	
3) Water Cooling Tower															
WC-01	Use of water	x							0		0	1	-	Y	EI-08
WC-02	Use of electricity	x							0		0	1	-	Y	EI-08
4) Air Scrubber															
AS-01	Use of water	x							0		0	0	0	N	
AS-02	Use of electricity	x							0		0	1	-	Y	EI-08
AS-03	Use of alkali solution	x							0		0	0	0	N	
AS-04	Emission of treated air	x							1	A1, A2, A8, A9, A12, A13, F1-4, F9-10, F12	-	-	-	Y	EI-05
5) DI water generator															
DG-01	Use of chemicals (e.g. caustic soda, hydrochloric acid, ion exchange resins)	x							1	E1-E4, F1-F4, F9, F10, F12	-	-	-	Y	EI-08, EI-09

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DG-02	Disposal of empty chemicals container		x						1	C1-C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-04
DG-03	Wastewater discharge from regeneration				x				1	D1-D9, F1-F4, F9, F10, F12	-	-	-	Y	EI-02, EI-06
DG-04	Potential spillage of chemicals (e.g. strong acid / alkaline)						x	x	0		1	-	-	Y	EP-05, EI-09
6) Emergency electricity generator															
EG-01	Use of fuel (diesel)	x							0		0	0	0	N	
EG-02	Potential fuel spillage								0		1	-	-	N	EP-05
EG-03	Air emission from operation			x					1	A1, A2, A8, A9, A12, A13, F1-4, F9-10, F12	0	0	0	Y	EI-07
EG-04	Noise from operation					x			1	B1-B5, F1-F4, F9, F10, F12	0	0	0	Y	EI-05
7) Greening Areas															
GA-01	Use of water	x							0		0	1	-	Y	EI-08
GA-02	Use of fertilizer						x	x	0		1	0	-	Y	EI-08
8) General Maintenance															
GM-01	Use of chemicals (e.g. paint , adhesives, lub oil, and organic solvent)	x							1	E1-E4, F1-F4, F9, F10, F12	-	-	-	Y	EI-08, EI-09
GM-02	Use of paint brushes	x							0		0	0	0	N	
GM-03	Use of cable	x							0		0	0	0	N	
GM-04	Use of water pipes	x							0		0	0	0	N	
GM-05	Use of ventilation duct	x							0		0	0	0	N	

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		Resources Utilisation	Waste Mgmt	Air Emission	Water Pollution	Noise / Vibration	Land Contamination	Flora / Fauna	Legal	Relevant Legislation	Env. Impact	Quantity	Corporate Concern		
GM-06	Use of spare parts	x							0		0	0	0	N	
GM-07	Use of gloves	x							0		0	0	0	N	
GM-08	Use of cleaning rags	x							0		0	0	0	N	
GM-09	Use of fire extinguishers	x		x					1	A5, A6, A7, F1-F4, F9, F10, F12	-	-	-	Y	EI-05
GM-10	Noise from maintenance operation					x			1	B1-B5, F1-F4, F9, F10, F12	-	-	-	Y	EI-07
GM-11	Discharge of wastewater (facility / floor cleaning) to Shenzhen Industrial Estate's central wastewater treatment plant				x				1	D1-D9, F1-F4, F9, F10, F12	-	-	-	Y	EI-06
GM-12	Disposal of spent lub oil, hydraulic oil, heat transfer oil and solvent		x						1	C1-C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-02, EI-04
GM-13	Disposal of spent rags and gloves		x						1	C1-C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-02, EI-04

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		Resources Utilisation	Waste Mgmt	Air Emission	Water Pollution	Noise / Vibration	Land Contamination	Flora / Fauna	Legal	Relevant Legislation	Env. Impact	Quantity	Corporate Concern			
Workshop 1 - Basic Assembly																
Preliminary Parts Assembly																
PA-1	Use of electronic parts	x							0		0	0	0	N	EI-11	
PA-2	Disposal of waste resisters		x						1	C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-04, EI-11	
Activity Performance Test																
PA-3	Use of electricity	x							1	F5	0	0	1	Y	EI-11, O&T-2006-2	
PA-4	Noise emission (from Workshop)					x			1	B1-B5, F1-F4, F9, F10, F12	-	-	-	Y	EI-07, EI-11	
PA-5	Generation of rejected products		x						1	C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-04, EI-11	
Contact Performance Enhancement																
PA-6	Use of electricity	x							1	F5	0	1	-	Y	EI-11, O&T-2006-2	
PA-7	Noise emission (from Workshop)					x			1	B1-B5, F1-F4, F9, F10, F12	-	-	-	Y	EI-07, EI-11	
PA-8	Generation of rejected products		x						0	C1, C6, C7, F1-F4, F9, F10, F12	0	0	1	Y	EI-04, EI-11	
Pressure Test																
PA-9	Use of electricity	x							0	F5	0	1	-	Y	EI-11, O&T-2006-2	
PA-10	Generation of rejected products		x						1	C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-04, EI-11	
Inspection of Connecting Points																
PA-11	Use of electricity	x							0	F5	0	1	-	Y	EI-11, O&T-2006-2	
PA-12	Noise emission (from Workshop)					x			1	B1-B5, F1-F4, F9,	-	-	-	Y	EI-07, EI-11	

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PA-13	Generation of rejected products		X						1	C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-04, EI-11
Solder Point Test															
PA-14	Use of tin oven	X							0		0	0	0	N	EI-11
PA-15	Use of solder removal tool	X							0		0	0	0	N	EI-11
PA-16	Use of electricity	X							0	F5	0	1	-	Y	EI-11, O&T-2006-2
PA-17	Generation of tin waste		X						1	C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-04, EI-11
PA-18	Emission of exhaust air			X					1	A1, A2, A8, A9,	-	-	-	Y	EI-05, EI-11
PA-19	Waste water discharge from air scrubber				X				1	D1-D9, F1-F4, F9, F10, F12	-	-	-	Y	EI-11
Workshop 2 - Materials Coordination															
Plastic coating															
PM-1	Use of plastic bags	X							0		0	0	0	N	EI-12
PM-2	Use of electricity	X							0	F5	0	1	-	Y	EI-12
PM-3	Generation of plastic bag waste		X						1	C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-04, EI-12
Use of De-humidifier															
PM-4	Use of electricity	X							0	F5	0	1	-	Y	EI-12
PM-5	Use of De-humidifier	X							0		0	0	0	N	EI-12
PM-6	Noise emission (from Workshop)					X			1	B1-B5, F1-F4, F9, F10, F12	-	-	-	Y	EI-07, EI-12
Use of Exhaust Air Fan															
PM-7	Use of electricity	X							0	F5	0	1	-	Y	EI-12

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PM-8	Noise emission (from Workshop)					X			1	B1-B5, F1-F4, F9, F10, F12	-	-	-	Y	EI-07, EI-12
Storage of Organic Solvant / Lubricant Oil															
PM-9	Organic solvant / lubricant oil leakage		X				X		1	E1 -E4, F1 - F4, F9, F10, F12	-	-	-	Y	EI-12
PM-10	Organic solvant / lubricant oil Evaporation			X					1	A1, A2, A8, A9, A12, A13, F1-F4, F9, F10, F12	-	-	-	Y	EI-12
PM-11	Use of non-explosive machines	X							0		0	0	0	N	EI-12
PM-12	Use of stainless steel containers	X							0		0	0	0	N	EI-12
Warehouse Fires															
PM-13	Use of fire equipment			X					1	A5, A6, A7, F1-F4, F9, F10, F12	-	-	-	Y	EI-12
PM-14	Use of water	X							0		0	0	0	N	EI-12
PM-15	Discharge of wastewater				X				0		1	-	-	Y	EI-12
PM-16	Disposal of waste		X						0		1	-	-	Y	EI-12
PM-17	Exhaust air emission			X					0		1	-	-	Y	EI-12
Supply of Solder Joints															
PM-18	Use of vehicles	X							0		0	0	0	N	EI-12
PM-19	Cadmium composition at solder joints	X							0		-	-	-	Y	EI-12
PM-20	Lead composition in tin strips	X							0		-	-	-	Y	EI-12, O&T -2006-2
Use of Cutting Machinery															
PM-21	Use of grinding wheel	X							0		0	0	0	N	EI-12
PM-22	Use of earplugs and gloves	X							0		0	1	-	Y	EI-12
PM-23	Use of electricity	X							0	F5	0	0	0	N	EI-12

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PM-24	Noise emission (from Workshop)					X			1	B1-B5, F1-F4, F9, F10, F12	-	-	-	Y	EI-07, EI-12
PM-25	Generation of metal dust			X					1	C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-12
PM-26	Generation of waste gloves (contain oil)		X						1	C1-C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-12
PM-27	Disposal of waste grinding wheel		X						1	C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-12
PM-28	Exhaust air emission (hazardous) from solvent/adhesive storage and solder pre-treatment processes			X					1	A1, A2, A8, A9, A12, A13, F1-F4, F9, F10, F12	-	-	-	Y	EI-12
Workshop 3 - Packaging Control															
Product Packaging															
PP-1	Use of paper boxes	X							0		0	0	0	N	EI-13
PP-2	Use of plastic tapes	X							0		0	0	0	N	EI-13
PP-3	Use of blades	X							0		0	0	0	N	EI-13
PP-4	Use of compressor	X							0		0	0	0	N	EI-13
PP-5	Use of compressor band	X							0		0	0	0	N	EI-13
PP-6	Use of thin metal sheets	X							0		0	0	0	N	EI-13
PP-7	Noise emission (from Workshop)					X			1	B1-B5, F1-F4, F9, F10, F12	-	-	-	Y	EI-07, EI-13
PP-8	Disposal of old packing tubing		X						1	C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-04, EI-13

Ref	Environmental Aspects	Potential Environmental Impacts						Evaluation of Significance					SEA	Operational Control / O&T Reference	
		Resources Utilisation	Waste Mgmt	Air Emission	Water Pollution	Noise / Vibration	Land Contamination	Flora / Fauna	Legal	Relevant Legislation	Env. Impact	Quantity			Corporate Concern
PP-9	Disposal of waste materials from packaging		X						1	C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-04, EI-13
Returned PVC Packaging Materials															
PP-10	Use of paper boxes	X							0		0	0	0	N	EI-13
PP-11	Use of vehicles	X							0		0	0	0	N	EI-13
PP-12	Disposal of waste paper boxes		X						1	C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-04, EI-13
PP-13	Disposal of waste PVC materials		X						1	C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-04, EI-13
Use of Argon Soldering Machinery															
PP-14	Use of argon	X							0		-	-	-	N	
PP-15	Dust emissions			X					1	A1, A2, A8, A9, A12, A13, F1-F4, F9, F10, F12	-	-	-	Y	EI-05, EI-13
PP-16	Exhaust air emissions (hazardous)			X					1	A1, A2, A8, A9, A12, A13, F1-F4, F9, F10, F12	-	-	-	Y	EI-05, EI-13
Use of Mechanical Saw															
PP-17	Use of lubricant oil	X							0		0	0	0	N	EI-13
PP-18	Use of protective apron	X							0		0	0	0	N	EI-13
PP-19	Use of earplugs	X							0		0	1	-	Y	EI-13
PP-20	Use of electricity	X							1	F5	0	0	0	N	EI-13

Ref	Environmental Aspects	Potential Environmental Impacts							Evaluation of Significance					SEA	Operational Control / O&T Reference
		Resources Utilisation	Waste Mgmt	Air Emission	Water Pollution	Noise / Vibration	Land Contamination	Flora / Fauna	Legal	Relevant Legislation	Env. Impact	Quantity	Corporate Concern		
PP-21	Noise emission (from Workshop)					X			1	B1-B5, F1-F4, F9, F10, F12	-	-	-	Y	EI-07, EI-13
PP-22	Wood dust emissions			X					1	A1, A2, A8, A9, A12, A13, F1-F4, F9, F10, F12	-	-	-	Y	EI-13
PP-23	Disposal of used earplugs		X						1	C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-13
Oxyacetylene cutting															
PP-24	Use of acetylene	X							1	E1-E4, F1-F4, F9, F10, F12	-	-	-	Y	EI-13
PP-25	Use of oxygen	X							0		-	-	-	Y	EI-13
PP-26	Use of plastic tubing	X							0		0	0	0	N	EI-13
PP-27	Use of safety goggles	X							0		0	0	0	N	EI-13
PP-28	Use of soldering gun	X							0		0	0	0	N	EI-13
PP-29	Dust emissions			X					1	A1, A2, A8, A9, A12, A13, F1-F4, F9, F10, F12	-	-	-	Y	EI-13
PP-30	Disposal of metal corner wastes		X						1	C1, C7 F1 - F4, F9, F10, F12	-	-	-	Y	EI-04, EI-13
Soldering															
PP-31	Use of gloves	X							0		0	0	0	N	EI-13
PP-32	Use of soldering strips	X							0		0	0	0	N	EI-13
PP-33	Use of soldering machines	X							0		0	0	0	N	EI-13
PP-34	Use of soldering masks	X							0		0	0	0	N	EI-13

Ref	Environmental Aspects	Potential Environmental Impacts							Evaluation of Significance					SEA	Operational Control / O&T Reference
		Resources Utilisation	Waste Mgmt	Air Emission	Water Pollution	Noise / Vibration	Land Contamination	Flora / Fauna	Legal	Relevant Legislation	Env. Impact	Quantity	Corporate Concern		
PP-35	Use of safety goggles	x							0		0	0	0	N	EI-13
PP-36	Use of electricity	x							0	F5	0	1	-	Y	EI-13
PP-37	Dust emissions			x					1	A1, A2, A8, A9, A12, A13, F1-F4, F9, F10, F12	0	0	0	N	EI-05, EI-13
Returned Packaging															
PP-38	Use of paper boxes	x							0		0	0	0	N	EI-13
PP-39	Use of wooden board	x							0		0	0	0	N	EI-13
PP-40	Use of plastic tapes	x							0		0	0	0	N	EI-13
PP-41	Disposal of waste papers		x						1	C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-13
PP-42	Use of forklift								1		0	0	0	N	
PP-43	Use of hydraulic oil	x							0		0	0	0	N	EI-13
PP-44	Use of lubricant oil	x							0		0	0	0	N	EI-13
Workshop 4 - Product Testing and Final Assembly															
Machine Maintenance															
PT-1	Use of soldering strips	x							0		0	0	0	N	EI-14
PT-2	Use of electricity	x							0	F5	0	1	-	Y	EI-14, O&T-2006-2
PT-3	Use of conducting wires	x							0		0	0	0	N	EI-14
PT-4	Disposal of waste tin		x						1	C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-14
Assembly Machinery															
PT-5	Use of elements	x							0		0	0	0	N	EI-14
PT-6	Use of tin strips	x							0		0	0	0	N	EI-14
PT-7	Use of electricity	x							0	F5	0	1	-	Y	EI-14

Ref	Environmental Aspects	Potential Environmental Impacts							Evaluation of Significance					SEA	Operational Control / O&T Reference
		Resources Utilisation	Waste Mgmt	Air Emission	Water Pollution	Noise / Vibration	Land Contamination	Flora / Fauna	Legal	Relevant Legislation	Env. Impact	Quantity	Corporate Concern		
PT-8	Generation of strange smell			X					0	A1, A2, A8, A9, A12, A13, F1-4, F9-10, F12	0	0	0	N	EI-14
PT-9	Disposal of waste parts		X						1	C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-04, EI-14
Calibration															
PT-10	Use of paper	X							0		0	0	0	N	EI-14
PT-11	Use of electricity	X							0	F5	0	1	-	Y	EI-14, O&T-2006-2
PT-12	Disposal of waste paper		X						1	C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-04, EI-14
Vibration Test															
PT-13	Use of electricity	X							0	F5	0	1	-	Y	EI-14, O&T-2006-2
PT-14	Noise emission (from Workshop)					X			1	B1-B5, F1-F4, F9,	-	-	-	Y	EI-07, EI-14
Electrical Appliance Life-span test															
PT-15	Use of heat resisters	X							0		0	0	0	N	EI-14
PT-16	Use of electricity	X							0	F5	0	1	-	Y	EI-14
PT-17	Use of light bulbs	X							0		0	0	0	N	EI-14
PT-18	Disposal of used light bulbs		X						1	C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-04, EI-14
Machinery Life-span test															
PT-19	Use of electricity	X							0	F5	0	1	-	Y	EI-14
PT-20	Use of testers	X							0		0	0	0	N	EI-14
Wrapping															
PT-21	Use of fingerstall	X							0		0	0	0	N	EI-14
PT-22	Use of plastic band	X							0		0	0	0	N	EI-14

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		Resources Utilisation	Waste Mgmt	Air Emission	Water Pollution	Noise / Vibration	Land Contamination	Flora / Fauna	Legal	Relevant Legislation	Env. Impact	Quantity	Corporate Concern		
PT-23	Use of blade	x							0		0	0	0	N	EI-14
PT-24	Disposal of used fingerstall		x						1	C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-04, EI-14
PT-25	Disposal of waste plastic tape		x						1	C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-04, EI-14
Hull Insertion															
PT-26	Use of air	x							0		0	0	0	N	EI-14
PT-27	Use of static air guns	x							0		0	0	0	N	EI-14
PT-28	Use of pneumatic masks	x							0		0	0	0	N	EI-14
PT-29	Noise emission (from Workshop)					x			1	B1-B5, F1-F4, F9	-	-	-	Y	EI-07, EI-14
PT-30	Disposal of plastic chips		x						1	C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-04, EI-14
Final Performance Testing															
PT-31	Use of electricity	x							0	F5	0	1	-	Y	EI-14
PT-32	Disposal of rejected products		x						1	C1, C6, C7, F1-F4, F9, F10, F12	-	-	-	Y	EI-04, EI-14

Reviewed and Approved by : **Chen Dak**