

電子業

二 四年度人力統計報告書

**2004 MANPOWER STATISTICAL REPORT
OF THE
ELECTRONICS INDUSTRY**

電子業及電訊業訓練委員會

職業訓練局

ELECTRONICS AND TELECOMMUNICATIONS TRAINING BOARD

VOCATIONAL TRAINING COUNCIL

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第一章

簡介

電子業及電訊業訓練委員會

1.1 電子業及電訊業訓練委員會隸屬職業訓練局，由香港特別行政區政府委任，負責確定電子業的人力及訓練需求，並向局方提出建議，以發展訓練設施，應付有關需求。本會委員乃由主要行業公會、專業學會、訓練及教育機構，以及政府部門提名出任。

調查目的

1.2 調查於二〇〇四年五月二十八日至六月三十日進行，旨在蒐集電子業各主要職務的最新人力資料。

調查範圍

1.3 是次調查包括以下五類機構：

第一類：製造（579間機構）

下列產品的製造商：

- | | | |
|--------|-----------|--------------|
| (i) | 計算機及計算設備 | (HSIC 3822)； |
| (ii) | 晶體管收音機 | (HSIC 3831)； |
| (iii) | 電視機及通訊設備 | (HSIC 3832)； |
| (iv) | 音響重播及錄音器材 | (HSIC 3833)； |
| (v) | 唱機、唱片及錄音帶 | (HSIC 3834)； |
| (vi) | 電子零件及元件 | (HSIC 3840)； |
| (vii) | 電子玩具 | (HSIC 3852)； |
| (viii) | 工業用電子器材 | (HSIC 3868)； |
| (ix) | 其他電子產品 | (HSIC 3873)。 |

第二類：貿易及服務（2 183 間機構）

- (a) 防盜警鐘及內部通訊系統裝置公司 (HSIC 5516) ;
- (b) 下列產品的進出口貿易公司：
 - (1) 科學及專業儀器 (HSIC 631805) ; +
 - (2) 電話系統 (HSIC 631821) ; +
 - (3) 電訊服務 (HSIC 631822) ; +
 - (4) 電器 (HSIC 631823) ; +
 - (5) 電腦、電腦週邊設施及套裝軟件 (HSIC 631824) ; +
 - (6) 辦公室器材 (HSIC 631825) ; +
- (c) 資料處理及製表服務公司 (HSIC 8333) ; +
- (d) (a)至(c)以外的其他電子工程服務公司。

第三類：電訊服務（145 間機構）

- (a) 有線固定通訊網絡服務公司 (HSIC 732101) ;
- (b) 其他固定通訊網絡服務公司 (HSIC 732199) ;
- (c) 傳呼服務公司 (HSIC 7322) ;
- (d) 流動通訊服務公司 (HSIC 732901) ;
- (e) 互聯網接駁服務公司 (HSIC 732902) ;
- (f) 衛星通訊服務公司 (HSIC 732903) ;
- (g) 電台、電視台及錄製室 (HSIC 9411)。

第四類：批發（1 269 間機構）

下列批發公司：

- (a) 電話系統 (HSIC 611821) ;
- (b) 電訊設備（不包括電話系統） (HSIC 611822) ;
- (c) 電器（不包括機械、辦公室及電訊器材） (HSIC 611823) ;

- (d) 電腦、電腦週邊設施及套裝軟件 (HSIC 611824) ;
- (e) 辦公室器材 (不包括電腦、傢具及固定裝置) (HSIC 611825)。

第五類：設計公司、大學及政府有關部門 (34 間機構)

- (a) 電子設計公司；
- (b) 有關教育院校；
- (c) 有關政府部門。

- 附註： (1) HSIC — 香港標準行業分類
- (2) +不包括僱用 10 名以下職員的機構，因這些機構技術人員不多。

調查方法

1.4 鑑於資源有限，本會採用了分層隨機抽樣方法，在指定範圍內的 4 210 間機構中，選出 636 間為調查對象。

1.5 調查期間，政府統計處派員到 636 間機構收回填妥的調查表，並於有需要時，協助僱主填寫表格。

1.6 收回的調查表均經詳細審核，如有需要，會與填覆機構核對，然後交由政府統計處處理。調查資料其後以統計方法倍大，以反映電子業的整體人力情況。

填覆率

1.7 在 636 間選定機構中，448 間填回調查表，18 間拒絕提供任何資料，其餘 170 間或已搬遷、結業，或不再從事本業。調查的實際填覆率為 96.1%。

統計數據

1.8 在調查時，有些機構表明因工作非常忙碌，或是機密理由，而不想透露其詳細之人力資料，只能粗略給予各技術級別的僱員人數。另外，有些機構甚至未曾提供其他有關資料，如僱員每月收入、受訓者人數或空缺數目等。

1.9 因此，本統計報告旨在列出實地調查所得的重要人力數據。有關數據屬初步結果，未經深入分析，閱讀時宜加以留意。待本會詳細分析數據及其他調查結果後，會出版另一冊詳細報告。

第二章

調查結果摘要

僱員人數

2.1 調查顯示，在本年六月，本港電子業共僱有 111 143 人，其中 46 594 人擔任電子工程及有關方面的主要職務。

2.2 以下為按機構類別及職級劃分的僱員分布情況：

機構類別	技師	技術員	技工	操作工	總數
1 製造	1 086	2 268	496	5 835	9 685
2 貿易及服務	10 551	12 329	3 211	438	26 529
3 電訊服務	2 101	3 958	720	131	6 910
4 批發	506	929	84	68	1 587
5 設計公司、 大學及政府 有關部門	524	1 072	276	11	1 883
總計	14 768	20 556	4 787	6 483	46 594
佔僱員總數 百分率	31.70%	44.12%	10.27%	13.91%	100%

空缺數目

2.3 調查期間，僱主填報有受訓者共 415 人，空缺 1 040 個，分別佔僱員總數的 0.89% 及 2.23%，分布情況如下：

職級	僱員 人數	受訓者 人數	佔同職級 僱員總數 百分率	空缺 數目	佔同職級 僱員總數 百分率
技師	14 768	31	0.21%	347	2.35%
技術員	20 556	153	0.74%	465	2.26%
技工	4 787	231	4.83%	90	1.88%
操作工	6 483	0	0%	138	2.13%
總計：	46 594	415	0.89%	1 040	2.23%

僱主預測至二〇〇五年六月時的人力需求

2.4 僱主亦預測，至二〇〇五年六月時，業內共需僱用 48 238 名員工。比起現時人力數量，超出 3.53% (1 644 名)。詳情如下：

<u>技能等級</u>	<u>調查期間的 僱員人數</u>	<u>僱主預測至 二〇〇五年六月時 的僱員總數</u>	<u>人力轉變 之百分率</u>
技師	14 768	15 315	3.70%
技術員	20 556	21 304	3.64%
技工	4 787	4 977	3.97%
操作工	6 483	6 642	2.45%
總 數	46 594	48 238	3.53%

統計表

2.5 按電子工程及有關工作主要職務，以及機構類別分析的人力統計數字（包括空缺數目）詳載於附錄 1 至 6。各主要職務僱員的每月收入幅度分布情況見附錄 7。

I. INTRODUCTION

The Training Board

1.1 The Electronics and Telecommunications Training Board of the Vocational Training Council appointed by the Government of the Hong Kong Special Administrative Region is required by its terms of reference to determine the manpower and training needs of the electronics industry and to make recommendations to the Council for the development of training facilities to meet such needs. The Training Board comprises members nominated by major trade associations, professional bodies, training and educational institutions and government departments.

Purpose of the Survey

1.2 The survey was conducted by the Training Board during the period from 28th May to 30th June 2004. The aim of the survey is to collect up-to-date manpower information in the principal jobs of the electronics industry.

Scope of the Survey

1.3 The survey covered firms, relevant educational institutions and government departments in the following five sectors:

Sector 1: Manufacturing (579 Establishments)

Manufacturers of

- (i) computing machinery and equipment (HSIC 3822),
- (ii) transistorized radios (HSIC 3831),
- (iii) television receivers and communications equipment (HSIC 3832),
- (iv) sound reproducing and recording equipment and apparatus (HSIC 3833),
- (v) gramophone, records and magnetic tapes (HSIC 3834),
- (vi) electronic parts and components (HSIC 3840),
- (vii) electronic toys (HSIC 3852),
- (viii) electronic industrial apparatus (HSIC 3868), and
- (ix) electronic products, not elsewhere classified (HSIC 3873).

Sector 2: Trading and Services (2 183 Establishments)

Establishments of

- (a) Burglar alarm/intercommunication system installation (HSIC 5516),
- (b) Imports and exports of:
 - (i) scientific and professional instruments and apparatus (HSIC 631805),+
 - (ii) telephone system (HSIC 631821),+
 - (iii) telecommunications services (HSIC 631822),+
 - (iv) electrical goods (HSIC 631823),+
 - (v) computer, computer peripherals and software packages (HSIC 631824),+
 - (vi) office machines, appliances and equipment (HSIC 631825), +
- (c) Data processing and tabulating services (HSIC 8333), +
and
- (d) Other electronics engineering services not included in (a) to (c).

Sector 3: Telecommunication Services (145 Establishments)

Establishments of

- (a) Wireline based fixed telecommunications network services (HSIC 732101),
- (b) Fixed telecommunications network services, nowhere else classified (HSIC 732199),
- (c) Radio paging services (HSIC 7322),
- (d) Mobile Communications Services (HSIC 732901),
- (e) Internet access services (HSIC 732902),
- (f) Satellite communications services (HSIC 732903), and
- (g) Radio and television stations and studios (HSIC 9411)

Sector 4: Wholesale (1 269 Establishments)

Establishments of wholesale of

- (a) Telephone system (HSIC 611821),
- (b) Telecommunications equipment (excluding telephone system) (HSIC 611822),
- (c) Electrical goods (excluding machinery, office and telecommunications equipment and appliances) (HSIC 611823),
- (d) Computer, computer peripherals and software packages (HSIC 611824),
- (e) Office machines, appliances and equipment (excluding computer, furniture and fixtures) (HSIC 611825).

Sector 5: Design houses and Relevant Departments in Universities and the Government (34 Establishments)

- (a) Electronics design houses,
- (b) Relevant educational institutions, and
- (c) Relevant government departments.

Notes:

- (1) HSIC - Hong Kong Standard Industrial Classification.
- (2) + The number excludes those establishments with an employment size below 10 as they are unlikely to have a significant number of technical staff.

Method of the Survey

1.4 In view of the limited resources, a stratified random sampling method was adopted to select 636 samples out of 4 210 establishments in the specified frame.

1.5 During the survey period, interviewing officers of the Census & Statistics Department visited all 636 establishments to collect the completed questionnaires and, where required, assisted employers in completing them.

1.6 All returned questionnaires were scrutinized, where necessary, checked with the respondents. Data collected were then processed and statistically scaled up by the Census & Statistics Department to give an overall picture of the manpower situation of the electronics industry.

Responses

1.7 Of the 636 establishments selected for the survey, 448 had completed the questionnaires and 18 refused to supply any information. The remaining 170 establishments had either moved, closed or not engaged in the trade. The effective response rate was 96.1%.

Statistical Data

1.8 During the survey, some of the establishments just provided its rough manpower information and did not give details of their employees' monthly income, number of trainees or number of vacancies at date of survey. The reasons were they were too busy and not willing to provide confidential information of their organizations.

1.9 Thus, this report aims at presenting the vital manpower data collected from the fieldwork. These statistics should be read with due care as they are initial data without in-depth analysis. The Training Board will further analyse the data together with other findings of the survey in another report to be published at a later stage.

II. SUMMARY OF SURVEY FINDINGS

Number of Persons/Workers Engaged/Employed

2.1 The survey revealed that in June 2004, a total of 111 143 persons were employed in the Hong Kong electronics industry. Of the 111 143 employees, 46 594 were employed in the principal jobs of electronics engineering and related disciplines in the electronics industry.

2.2 The distribution of workers employed in the principal jobs of electronics engineering and related disciplines by sector according to job level is as follow:

Sector	Technologist	Technician	Craftsman	Operative	Total
1 Manufacturing	1 086	2 268	496	5 835	9 685
2 Trading and Services	10 551	12 329	3 211	438	26 529
3 Telecommunications Services	2 101	3 958	720	131	6 910
4 Wholesale	506	929	84	68	1 587
5 Design Houses and Relevant Departments in Universities and Government	524	1 072	276	11	1 883
Total	14 768	20 556	4 787	6 483	46 594
Percentage of Total Manpower	31.70%	44.12%	10.27%	13.91%	100%

Trainees and Vacancies

2.3 At the time of the survey, employers reported a total of 415 trainees and 1 040 vacancies, representing 0.89% and 2.23% respectively of the workforce. Their distribution is as shown below:

Job Level	Number of Workers	Number of Trainees	Percentage of Workers Employed at the Same Job Level	Number of Vacancies	Percentage of Workers Employed at the Same Job Level
Technologist	14 768	31	0.21%	347	2.35%
Technician	20 556	153	0.74%	465	2.26%
Craftsman	4 787	231	4.83%	90	1.88%
Operative	6 483	0	0%	138	2.13%
Total	46 594	415	0.89%	1 040	2.23%

Employers' Forecast Manpower Demand by June 2005

2.4 Employers forecasted that the industry would require 48 238 workers by June 2005, an increase of 3.53% (1 644) over the number of existing manpower, as shown below:

<u>Skill Level</u>	<u>No. of Workers Employed at Time of Survey</u>	<u>Employers' Forecast of Total No. of Workers by June 2005</u>	<u>Percentage of Change of Manpower</u>
Technologist	14 768	15 315	3.70%
Technician	20 556	21 304	3.64%
Craftsman	4 787	4 977	3.97%
Operative	6 483	6 642	2.45%
Total	46 594	48 238	3.53%

Statistical Tables

2.5 Detailed manpower statistics analyzed by principal jobs and by sector in electronics engineering and related disciplines including number of vacancies are tabulated at Appendixes 1 to 6. The distribution of monthly income ranges of employees by principal jobs is shown at Appendix 7.

MANPOWER STATISTICS OF THE ELECTRONICS INDUSTRY
電子業人力統計數字

Sector 1: Manufacturing (製造)

Job Title 職稱	Number of Workers Employed 僱員人數	Number of Trainees 受訓者人數	Number of Vacancies at Date of Survey 調查期間 空缺數目	Forecast of Total Workers by June 2005 預測至二 五年 六月時的僱員總數
TECHNOLOGIST LEVEL 技師級				
Electronics Engineer 電子工程師	424	-	18	442
Electrical Engineer 電機工程師	73	-	2	75
Mechanical Engineer 機械工程師	136	-	6	142
Manufacturing/Quality Assurance Engineer 製造 / 品質保證工程師	365	-	19	384
Chemical Engineer 化學工程師	9	-	1	10
Product/Graphic Designer 產品 / 平面設計員	35	-	4	39
System Analyst 系統分析員	44	-	2	46
Sub-total 小計	1 086	-	52	1 138
TECHNICIAN LEVEL 技術員級				
Electronics Technician 電子技術員	824	-	12	836
Mechanical Technician 機械技術員	489	-	-	489
Draughtsman 繪圖員	32	-	5	37
Manufacturing/Quality Assurance Technician 製造 / 品質保證技術員	438	-	4	442
Supervisor/Foreman/Leader 監督 / 管工 / 組長	426	-	3	412
Programmer 程序編製員	58	-	3	61
Web Developer/Designer 網站開發員 設計員	1	-	-	1
Sub-total 小計	2 268	-	27	2 278
CRAFTSMAN LEVEL 技工級				
Cable Jointer/Wireman 電纜接駁技工 / 駁線技工	-	-	-	-
Electronics Craftsman 電子技工	301	-	15	316
Electrician 電氣技工	41	-	-	41
Mechanic 技工	154	-	1	155
Sub-total 小計	496	-	16	512
OPERATIVE LEVEL 操作工級				
Operator 生產線操作工	5 835	-	94	5 949
Sub-total 小計	5 835	-	94	5 949
GRAND TOTAL 總計	9 685	-	189	9 877

MANPOWER STATISTICS OF THE ELECTRONICS INDUSTRY

電子業人力統計數字

Sector 2: Trading and Services (貿易及服務)

Job Title 職稱	Number of Workers Employed 僱員人數	Number of Trainees 受訓者人數	Number of Vacancies at Date of Survey 調查期間 空缺數目	Forecast of Total Workers by June 2005 預測至二 五年 六月時的僱員總數
TECHNOLOGIST LEVEL 技師級				
Electronics Engineer 電子工程師	4 347	2	153	4 545
Electrical Engineer 電機工程師	306	-	-	306
Mechanical Engineer 機械工程師	576	-	25	601
Manufacturing/Quality Assurance Engineer 製造 / 品質保證工程師	789	-	11	810
Chemical Engineer 化學工程師	89	-	-	89
Product/Graphic Designer 產品 / 平面設計員	587	-	21	608
System Analyst 系統分析員	3 857	-	54	4 054
Sub-total 小 計	10 551	2	264	11 013
TECHNICIAN LEVEL 技術員級				
Electronics Technician 電子技術員	6 676	108	128	6 921
Mechanical Technician 機械技術員	407	-	24	431
Draughtsman 繪圖員	40	-	-	40
Manufacturing/Quality Assurance Technician 製造 / 品質保證技術員	504	-	2	516
Supervisor/Foreman/Leader 監督 / 管工 / 組長	503	-	-	503
Programmer 程序編製員	3 663	-	169	3 976
Web Developer/Designer 網站開發員 設計員	536	-	28	554
Sub-total 小 計	12 329	108	351	12 941
CRAFTSMAN LEVEL 技工級				
Cable Joints/Wireman 電纜接駁技工 / 駁線技工	71	-	-	71
Electronics Craftsman 電子技工	2 665	150	13	2 780
Electrician 電氣技工	165	-	-	165
Mechanic 技工	310	-	-	310
Sub-total 小 計	3 211	150	13	3 326
OPERATIVE LEVEL 操作工級				
Operator 生產線操作工	438	-	44	483
Sub-total 小 計	438	-	44	483
GRAND TOTAL 總 計	26 529	260	672	27 763

MANPOWER STATISTICS OF THE ELECTRONICS INDUSTRY

電子業人力統計數字

Sector 3: Telecommunications Services (電訊服務)

Job Title 職稱	Number of Workers Employed 僱員人數	Number of Trainees 受訓者人數	Number of Vacancies at Date of Survey 調查期間 空缺數目	Forecast of Total Workers by June 2005 預測至二 五年 六月時的僱員總數
TECHNOLOGIST LEVEL 技師級				
Electronics Engineer 電子工程師	1 419	-	8	1 424
Electrical Engineer 電機工程師	32	-	-	32
Mechanical Engineer 機械工程師	15	-	-	15
Manufacturing/Quality Assurance Engineer 製造 / 品質保證工程師	3	-	-	3
Chemical Engineer 化學工程師	-	-	-	-
Product/Graphic Designer 產品 / 平面設計員	22	-	4	26
System Analyst 系統分析員	610	-	2	612
Sub-total 小計	2 101	-	14	2 112
TECHNICIAN LEVEL 技術員級				
Electronics Technician 電子技術員	3 567	-	6	3 564
Mechanical Technician 機械技術員	18	-	-	18
Draughtsman 繪圖員	11	-	-	11
Manufacturing/Quality Assurance Technician 製造 / 品質保證技術員	25	-	-	25
Supervisor/Foreman/Leader 監督 / 管工 / 組長	122	-	2	124
Programmer 程序編製員	179	-	5	184
Web Developer/Designer 網站開發員 設計員	36	-	1	37
Sub-total 小計	3 958	-	14	3 963
CRAFTSMAN LEVEL 技工級				
Cable Jointer/Wireman 電纜接駁技工 / 駁線技工	10	-	2	12
Electronics Craftsman 電子技工	670	-	54	724
Electrician 電氣技工	38	-	3	41
Mechanic 技工	2	-	-	2
Sub-total 小計	720	-	59	779
OPERATIVE LEVEL 操作工級				
Operator 生產線操作工	131	-	-	131
Sub-total 小計	131	-	-	131
GRAND TOTAL 總計	6 910	-	87	6 985

MANPOWER STATISTICS OF THE ELECTRONICS INDUSTRY

電子業人力統計數字

Sector 4: Wholesale (批發)

Job Title 職稱	Number of Workers Employed 僱員人數	Number of Trainees 受訓者人數	Number of Vacancies at Date of Survey 調查期間 空缺數目	Forecast of Total Workers by June 2005 預測至二 五年 六月時的僱員總數
TECHNOLOGIST LEVEL 技師級				
Electronics Engineer 電子工程師	294	-	13	307
Electrical Engineer 電機工程師	12	-	-	12
Mechanical Engineer 機械工程師	34	-	-	34
Manufacturing/Quality Assurance Engineer 製造 / 品質保證工程師	4	-	-	4
Chemical Engineer 化學工程師	-	-	-	-
Product/Graphic Designer 產品 / 平面設計員	4	-	-	4
System Analyst 系統分析員	158	-	1	159
Sub-total 小計	506	-	14	520
TECHNICIAN LEVEL 技術員級				
Electronics Technician 電子技術員	650	12	60	720
Mechanical Technician 機械技術員	-	-	-	34
Draughtsman 繪圖員	2	-	-	2
Manufacturing/Quality Assurance Technician 製造 / 品質保證技術員	34	-	-	34
Supervisor/Foreman/Leader 監督 / 管工 / 組長	14	-	2	16
Programmer 程序編製員	157	-	1	158
Web Developer/Designer 網站開發員 設計員	72	-	-	72
Sub-total 小計	929	12	63	1 036
CRAFTSMAN LEVEL 技工級				
Cable Jointer/Wireman 電纜接駁技工 / 駁線技工	-	-	-	-
Electronics Craftsman 電子技工	72	-	2	74
Electrician 電氣技工	12	-	-	12
Mechanic 技工	-	-	-	-
Sub-total 小計	84	-	2	86
OPERATIVE LEVEL 操作工級				
Operator 生產線操作工	68	-	-	68
Sub-total 小計	68	-	-	68
GRAND TOTAL 總計	1 587	12	79	1 710

MANPOWER STATISTICS OF THE ELECTRONICS INDUSTRY
電子業人力統計數字

Sector 5: Design Houses, and Relevant Departments in Universities and the Government (設計公司、大學及政府有關部門)

Job Title 職稱	Number of Workers Employed 僱員人數	Number of Trainees 受訓者人數	Number of Vacancies at Date of Survey 調查期間 空缺數目	Forecast of Total Workers by June 2005 預測至二 五年 六月時的僱員總數
TECHNOLOGIST LEVEL 技師級				
Electronics Engineer 電子工程師	435	29	3	443
Electrical Engineer 電機工程師	32	-	-	32
Mechanical Engineer 機械工程師	10	-	-	10
Manufacturing/Quality Assurance Engineer 製造 / 品質保證工程師	1	-	-	1
Chemical Engineer 化學工程師	2	-	-	2
Product/Graphic Designer 產品 / 平面設計員	3	-	-	3
System Analyst 系統分析員	41	-	-	41
Sub-total 小計	524	29	3	532
TECHNICIAN LEVEL 技術員級				
Electronics Technician 電子技術員	870	32	7	877
Mechanical Technician 機械技術員	21	-	-	21
Draughtsman 繪圖員	4	-	-	4
Manufacturing/Quality Assurance Technician 製造 / 品質保證技術員	14	-	1	15
Supervisor/Foreman/Leader 監督 / 管工 / 組長	114	-	-	114
Programmer 程序編製員	48	-	2	54
Web Developer/Designer 網站開發員 設計員	1	1	-	1
Sub-total 小計	1 072	33	10	1 086
CRAFTSMAN LEVEL 技工級				
Cable Jointer/Wireman 電纜接駁技工 / 駁線技工	-	-	-	-
Electronics Craftsman 電子技工	248	81	-	246
Electrician 電氣技工	-	-	-	-
Mechanic 技工	28	-	-	28
Sub-total 小計	276	81	-	274
OPERATIVE LEVEL 操作工級				
Operator 生產線操作工	11	-	-	11
Sub-total 小計	11	-	-	11
GRAND TOTAL 總計	1 883	143	13	1 903

MANPOWER STATISTICS OF THE ELECTRONICS INDUSTRY (ALL SECTORS)
電子業人力統計數字 (各門類)

Job Title 職稱	Number of Workers Employed 僱員人數	Number of Trainees 受訓者人數	Number of Vacancies at Date of Survey 調查期間 空缺數目	Forecast of Total Workers by June 2005 預測至二 五年 六月時的僱員總數
TECHNOLOGIST LEVEL 技師級				
Electronics Engineer 電子工程師	6 919	31	195	7 161
Electrical Engineer 電機工程師	455	-	2	457
Mechanical Engineer 機械工程師	771	-	31	802
Manufacturing/Quality Assurance Engineer 製造 / 品質保證工程師	1 162	-	30	1 202
Chemical Engineer 化學工程師	100	-	1	101
Product/Graphic Designer 產品 / 平面設計員	651	-	29	680
System Analyst 系統分析員	4 710	-	59	4 912
Sub-total 小 計	14 768	31	347	15 315
TECHNICIAN LEVEL 技術員級				
Electronics Technician 電子技術員	12 587	152	213	12 918
Mechanical Technician 機械技術員	935	-	24	993
Draughtsman 繪圖員	89	-	5	94
Manufacturing/Quality Assurance Technician 製造 / 品質保證技術員	1 015	-	7	1 032
Supervisor/Foreman/Leader 監督 / 管工 / 組長	1 179	-	7	1 169
Programmer 程序編製員	4 105	-	180	4 433
Web Developer/Designer 網站開發員 設計員	646	1	29	665
Sub-total 小 計	20 556	153	465	21 304
CRAFTSMAN LEVEL 技工級				
Cable Jointer/Wireman 電纜接駁技工 / 駁線技工	81	-	2	83
Electronics Craftsman 電子技工	3 956	231	84	4 140
Electrician 電氣技工	256	-	3	259
Mechanic 技工	494	-	1	495
Sub-total 小 計	4 787	231	90	4 977
OPERATIVE LEVEL 操作工級				
Operator 生產線操作工	6 483	-	138	6 642
Sub-total 小 計	6 483	-	138	6 642
GRAND TOTAL 總 計	46 594	415	1 040	48 238

DISTRIBUTION OF EMPLOYEES BY MONTHLY INCOME RANGE (ALL SECTORS)

根據每月總收入幅度的僱員人數分布情況(各門類)

Job Title 職稱	Unspecified 未有說明	Below \$6,001 以下	\$6,001 - \$8,000	\$8,001 - \$10,000	\$10,001 - \$15,000	\$15,001 - \$20,000	\$20,001 - \$25,000	\$25,001 - \$30,000	Over \$30,000 以上
TECHNOLOGIST LEVEL 技師級									
Electronics Engineer 電子工程師	1 429	-	-	34	387	1 104	1 314	698	1 953
Electrical Engineer 電機工程師	58	-	-	-	56	74	131	21	115
Mechanical Engineer 機械工程師	129	-	-	-	68	226	164	98	86
Manufacturing/Quality Assurance Engineer 製造 / 品質保證工程師	115	-	-	-	125	239	303	199	181
Chemical Engineer 化學工程師	-	-	-	-	7	83	2	-	8
Product/Graphic Designer 產品 / 平面設計員	79	-	-	-	95	221	61	54	141
System Analyst 系統分析員	1 396	-	-	2	479	473	663	763	934
Sub-total 小計	3 206	-	-	36	1 217	2 420	2 638	1 833	3 418
TECHNICIAN LEVEL 技術員級									
Electronics Technician 電子技術員	2 952	30	281	1 445	3 632	2 198	594	1 157	298
Mechanical Technician 機械技術員	11	-	5	411	172	161	143	24	8
Draughtsman 繪圖員	9	-	13	39	21	-	7	-	-
Manufacturing/Quality Assurance Technician 製造 / 品質保證技術員	54	-	4	301	348	275	33	-	-
Supervisor/Foreman/Leader 監督 / 管工 / 組長	78	-	-	163	330	428	49	131	-
Programmer 程序編製員	908	-	-	256	949	1 072	668	252	-
Web Developer/Designer 網站開發員 設計員	46	-	-	34	440	80	38	-	8
Sub-total 小計	4 058	30	303	2 649	5 892	4 214	1 532	1 564	314
CRAFTSMAN LEVEL 技工級									
Cable Joiner/Wireman 電纜接駁技工 / 駁線技工	-	-	10	71	-	-	-	-	-
Electronics Craftsman 電子技工	57	11	780	1 467	1 540	101	-	-	-
Electrician 電氣技工	-	-	6	59	173	18	-	-	-
Mechanic 技工	8	-	30	105	351	-	-	-	-
Sub-total 小計	65	11	826	1 702	2 064	119	-	-	-
OPERATIVE LEVEL 操作工級									
Operator 生產線操作工	125	1 746	3 513	1 074	25	-	-	-	-
Sub-total 小計	125	1 746	3 513	1 074	25	-	-	-	-
GRAND TOTAL 總計	7 454	1 787	4 642	5 461	9 198	6 753	4 170	3 397	3 732