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**BY FAX**

16 May 2000

Mrs Sharon Tong,  
Clerk to the Panel on Manpower,  
Legislative Council Secretariat,  
3/F, Citibank Tower,  
3 Garden Road, Central,  
Hong Kong

Dear Mrs Tong,

**LegCo Panel on Manpower**  
**Manpower Supply on Construction Workers**

At the LegCo Panel on Manpower meeting held on 22 April 1999, the Administration was requested to provide findings in respect of manpower supply of each trade in the construction industry based on the manpower survey conducted by the Vocational Training Council (VTC) when results were available.

This survey, which was conducted between March and May 1999, aims at collecting up-to-date manpower information of various sectors of the building and civil engineering industry (which includes construction sites, offices of major contractors, architects and consulting engineers and training institutions) and covers all principal jobs in the industry at different levels (ranging from professional/ technologist to technician, tradesman, semi-skilled/general worker). However, the survey does not include

decoration workers. When the last survey was carried out, arrangements were also made to collect manpower data on electrical and mechanical workers.

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Based on the survey results, it is estimated that at the time of the survey (i.e. March 1999), there were 77,335 manual workers employed in construction sites. They comprised 68,684 construction workers and 8,651 E&M workers. Distribution by trades of these manual construction workers and E&M workers employed in construction sites is at Table 1 and 2 respectively — please see copies attached.

It should be noted that the above estimates only reflect the employment situation of manual construction workers and E&M workers in construction sites at the time of the survey in March 1999. The figures were not representative of the total labour supply in the industry since unemployed workers were not covered in the above VTC Manpower Survey.

Yours faithfully,

(P W Wong)  
for Secretary for Education and Manpower

**Table 1 Number of Building and Civil Engineering Construction Site Workers, March 1999 (excluding Electrical and Mechanical Workers)**

表一 一九九九年三月土木工程及建築地盤工人數目 (不包括機電工人)

<i>Job Title</i> 職稱	<i>Number Employed</i> 僱員人數
TRADESMAN LEVEL 技工級	
Asphalter 瀝青工	153
Asphalter (Roadworks) 瀝青工 (道路建造)	172
Bamboo Scaffolder 竹棚工	981
Bar Bender and Fixer 鋼筋屈紮工	3 930
Bricklayer 砌磚工	1 082
Carpenter (Fender) 木工 (護木)	60
Carpenter (Formwork) 木模板工	5 883
Concrete Repairer 混凝土修補工	85
Concretor 混凝土工	1 347
Construction Plant Mechanic 建造機械技工	930
Curtain Wall Installer 幕牆工	470
Demolition Worker 清拆工	136
Diver 潛水員	15
Drainlayer 地渠工	979
Electrician (Main Contractor's) 電氣技工 (承建商所僱用)	1 120
Floor Layer 鋪地板工	355
Gas Plumber 煤氣喉工	156
General Welder 普通焊接工	976
Glazier 玻璃工	408
Ground Investigation Operator/Driller/Borer 岩土勘探工/鑽井工/鑽孔工	203
Grouting Worker 灌漿工	80
Joiner 細木工	1 792
Leveller 平水工	2 223
Marble Worker 雲石工	980

<i>Job Title</i> 職稱	<i>Number Employed</i> 僱員人數
Marine Construction Plant Operator 海面建造機械操作工	75
Mason 石工	247
Metal Scaffolder 金屬棚架工	189
Metal Worker 金屬工	2 454
Painter & Decorator 髹漆及裝飾工	2 914
Piling Operative 打樁工	225
Pipelayer 敷喉管工	193
Plant and Equipment Operator (Builder's Lift and Other Machinery) 機械設備操作工 (地盤升降機及其他機械)	517
Plant & Equipment Operator (Earthmoving Machinery) 機械設備操作工推土機械)	1 543
Plant and Equipment Operator (Hoist and Crane) 機械設備操作工 (升降機及吊機)	854
Plant & Equipment Operator (Piling) 機械設備操作工 (打樁)	175
Plant & Equipment Operator (Tunnelling) 機械設備操作工 (隧道)	15
Plasterer 批盪工	4 925
Plumber 水喉工	3 659
Pneumatic Driller 氣鑽操作工 (風炮工)	319
Prestressing Operative 預應力 (拉力) 工	55
Rigger/Metal Formwork Erector 索具工 (叻嚟) / 金屬模 板裝嵌工	1 876
Shotcretor 噴射混凝土工	30
Shotfirer 爆石工	17
Slope Maintenance Worker 斜坡修葺工	60
Structural Steel Erector 結構鋼架工	182
Structural Steel Welder 結構鋼材焊接工	322
Tiler 鋪瓦工	1 686
Trackworker 鋪軌工	3
Truck Driver 重型車輛駕駛員 (泥頭車司機)	1 157
Window Frame Installer 窗框工	602
Tunnel Worker 隧道工	155

<i>Job Title</i> 職稱	<i>Number Employed</i> 僱員人數
Sub-total 分級小計	48 965
<b>SEMI-SKILLED WORKERS/GENERAL WORKER 半技術工人</b>	
Chainman 測量幫工	1 578
Concreting Labourer 混凝土幫工	855
Diver's Linesman 潛水員幫工	7
Excavator 挖泥工	776
Heavy Load Labourer 抬重工	248
Labourer 雜工	16 189
Sewerman 渠務工	66
Sub-total 分級小計	19 719
Manual Workers Total 地盤工人總計	68 684

**Table 2 Number of Electrical and Mechanical Workers at Construction Site, March 1999**

表一 一九九九年三月地盤機電工人數目

<i>Job Title</i> 職稱	<i>Number Employed</i> 僱員人數
<b>TRADESMAN LEVEL 技工級</b>	
Automation Equipment Mechanic 自動化設備技工	0
Building Services Mechanic 屋宇設備技工	108
Cable Jointer (Power) 強電流電纜接駁工	51
Carpenter 木工	0
Electrician / Electrical Fitter 電工／電氣打磨裝配工	3 679
Fire Services Mechanic 消防設備技工	1 157
Instrument Mechanic 儀器工	0
Lift Electrician 電梯電氣技工	153
Lift Mechanic 電梯機械技工	552
Mechanical Fitter 機械打磨裝配工	65
Overhead Linesman 架空電線技工	0
Painter 髹漆工	60
Plumber and Pipe Fitter 喉管工	609
Refrigeration / Air-conditioning / Ventilation Mechanic 冷凝／空氣調節／通風設備技工	1 404
Sheet Metal Worker 薄片金屬構造工	221
Sign Fabricator 招牌構造工	0
Sign Installer 招牌安裝工	4
Thermal Installation Craftsman 保溫技工	54
Welder 銲接工	122
Sub-total 分級小計	8 239
<b>SEMI-SKILLED WORKERS/GENERAL WORKER 半技術工人</b>	
Labourer 雜工	244
Semi-skilled Worker 半熟練工	168
Sub-total 分級小計	412
<b>Manual Workers Total 地盤工人總計</b>	<b>8651</b>