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5 July 2013

Clerk to Panel on Development
LegCo Secretariat,
Legislative Council Complex
1 Legislative Council Road
Central, Hong Kong

(Attn: Ms. Sharon CHUNG)

Dear Ms. CHUNG,

Regulatory Control over Lift and Escalator Safety and Related Issues

At the meeting of the Panel on Development on 26 March 2013, the Administration was requested to provide supplementary information pertaining to lift safety and related matters. The requested information is provided in the ensuing paragraphs.

- (a) A list showing the number of lifts maintained by each registered lift contractor as well as the number of personnel maintained by the contractor for carrying out lift works**

In the course of discharging the duties stipulated under the Lifts and Escalators Ordinance (Cap. 618) (“the Ordinance”), the Electrical and Mechanical Services Department (“EMSD”) has obtained from registered lift contractors information on, among others, the number of lifts maintained by the contractors and the number of competent workers, registered workers as well as registered engineers employed by them. However, in accordance with the procedures set out in the Code on Access

to Information, EMSD needs to obtain consent of registered lift contractors for disclosure of the above information.

EMSD has approached all 45 registered lift contractors to seek their consent for disclosure of the information. Written consent has been obtained from seven registered lift contractors. The relevant information provided by the seven registered lift contractors is provided at **Appendix 1**.

(b) with respect to the Administration's advice that the Electrical and Mechanical Services Department ("EMSD") had 23 staff members to conduct 750 inspections on lifts and escalators a month, (i) the number of EMSD staff members required to conduct an inspection; (ii) the daily number of inspections conducted by a team; and (iii) the average time taken by a team to complete an inspection;

EMSD conducts about 750 inspections of various kinds on lifts and escalators per month. They include audit inspections of maintenance works, inspections on lifts and escalators which are newly installed or after major alteration. Furthermore, when conducting incident investigations or attending to public enquiries/complaints, EMSD would also inspect the concerned lifts or escalators. Depending on the nature of the inspection and the complexity of the installation, EMSD normally deploys a team of one to three staff to carry out each inspection, and each team on average conducts two to four inspections a day. Each inspection on average takes two to four hours to complete except for incident investigation or handling public enquiries/complaints which may take longer time to complete.

(c) whether there was an assessment of the correlation between the number of warning letters issued by EMSD to a registered lift/escalator contractor and the number of incidents involving the lift(s)/escalator(s) being maintained by the contractor; if yes, the details, including the conclusions drawn from the assessment;

As an administrative control measure, EMSD may issue warning letters to registered lift/escalator contractors ("registered contractors")

requiring them to improve their lift/escalator works. The issue of warning letters may not be related to lift/escalator incidents. For instance, if a lift/escalator has not been examined timely in accordance with the requirements of the Ordinance, EMSD will issue warning letter to the concerned registered contractor.

On the other hand, while warning letter may be issued to registered contractors involving lift/escalator incidents, EMSD may not issue warning letter if the cause of an incident is not related to equipment fault (such as due to behaviour of passengers). EMSD may also not issue warning letter if the cause of an incident is due to minor equipment fault, such as incorrect setting of overload device.

In 2010, 2011 and 2012, EMSD issued a total of 55 warning letters to registered contractors. In these three years, EMSD received 108 numbers of notifications of lift/escalator incidents related to equipment fault. As shown in Appendix 2, among the 20 registered contractors involved in the above equipment fault incidents, 16 of them (i.e. 80% of the total) have received warning letter(s) from EMSD. There are five registered contractors who have received warning letter(s) in the same period but are not involved in any equipment fault incident. Furthermore, registered contractors who were involved in more incidents have not received correspondingly more warning letters. We therefore cannot see clear correlation between the number of warning letters issued by EMSD to a registered contractor and the number of incidents that the contractor has involved.

(d) the number of registered contractors and/or lift/escalator subcontractors who had been EMSD staff members responsible for the work on lift and escalator safety

EMSD does not have record on the number of ex-EMSD staff members being employed by registered contractors or lift/escalator subcontractors who had been responsible for the work on lift and escalator safety.

- (e) **the number of registered contractors who received subcontracted works from their previous employers who were also registered contractors.**

Pursuant to section 38 and 68 of the Ordinance, except with the written approval of the Director of Electrical and Mechanical Services (“Director”), a registered contractor, who undertakes any lift/escalator works must not subcontract the works, except works concerning the installation or demolition of a lift/escalator, to any other person who is not a registered contractor. Furthermore, pursuant to section 4 and 19 of the Lifts and Escalators (General) Regulation (“Regulation”), a registered contractor who undertakes any lift/escalator works or subcontracts any lift/escalator works to any other person must notify the Director in the specified form.

According to the notifications received by the Director under section 4 and section 19 of the Regulation, there have been 13 registered contractors who have undertaken subcontracted works from other registered contractors. All the contractors involved are companies, and therefore there is no employment relationship between them. Furthermore, EMSD does not have record on the employment history of the staff of these registered contractors.

Yours faithfully,



(Jimmy PM CHAN)
for Secretary for Development

Encl.

c.c. with encl.

Director of Electrical and Mechanical Services (Attn: Mr. Alfred SIT)

註冊升降機承辦商承辦保養的升降機數目及人手資料(截至2013年4月1日)

Information on Number of Lifts undertaken for Maintenance by Registered Lift Contractors and their Manpower Situations (as at 1 April 2013)

註冊升降機承辦商名稱 Name of Registered Lift Contractors	承辦保養的升降機數目 No. of Lifts undertaken for Maintenance	合資格工人(未註冊)數目 No. of Competent Workers (not yet registered)	註冊工程人員數目 No. of Registered Workers	註冊工程師數目 No. of Registered Engineers
聯誼工程有限公司 Associated Engineers, Ltd.	59	1	9	1
匯力電機工程有限公司 Association Electrical Engineering Limited	194	0	12	4
耀天工程有限公司 Eugene Engineering Co. Limited	193	12	1	1
香港國際貨櫃碼頭有限公司 Hongkong International Terminals Limited	98	2	6	1
聯興工程服務有限公司 Ring Hing Engineering Services Co., Ltd.	412	34	3	3
威迪工程有限公司 Vertex Engineering Limited	188	5	15	8
偉達電梯有限公司 (#) Whole Safe Ltd. (#)	0	1	4	1

根據偉達電梯有限公司提供的資料，該公司的主要業務已轉至中國內地。香港辦事處主要作為後勤訓練中心。

According to the information provided by Whole Safe Ltd., the business focus of the company has been shifted to Mainland China. Its Hong Kong Office mainly serves as a training centre.

機電工程署於2010年至2012年期間接獲的升降機/自動梯機件故障報告及發出的警告信
Equipment Fault Lift/Escalator Incidents Report to EMSD and Warning Letters issued by EMSD in the period from 2010 to 2012

註冊升降機/自動梯承辦商名稱	Name of Registered Lift/Escalator Contractors	承辦保養的升降機/自動梯發生機件故障事 故的數目 No. of equipment fault incidents occurred at the lifts/escalators undertaken for maintenance	收到警告信的數目 No. of warning letters received
		2010-2012	2010-2012
通力電梯(香港)有限公司	KONE Elevator (HK) Ltd.	16	2
奧的斯電梯(香港)有限公司	Otis Elevator Company (HK) Limited	16	6
迅達升降機(香港)有限公司	Schindler Lifts (Hong Kong) Ltd	14	4
富士達(香港)有限公司	Fujitec (HK) Co. Ltd	12	2
其士(香港)有限公司	Chevalier (HK) Limited	7	0
捷運電梯有限公司	The Express Lift Company Limited	6	0
星瑪電梯(香港)有限公司	Sigma Elevator (HK) Ltd	5	3
安力電梯有限公司	Anlev Elex Elevator Ltd	4	1
振明電梯有限公司	Chun Ming Elevator Company Ltd	4	4
好歷香港升降機有限公司	Holake Hong Kong Lifts Ltd.	4	1
力建電梯香港有限公司	Nikkin Lifts & Escalators Limited	4	8
日立電梯工程(香港)有限公司	Hitachi Elevator Engineering Co. (HK) Ltd.	3	1
信科工程有限公司	Shineford Engineering Limited	3	0
蒂森克虜伯電梯(香港)有限公司	ThyssenKrupp Elevator (HK) Limited	3	5
捷高電梯有限公司	Jekco Elevators Ltd.	2	1
宏照工程有限公司	Antonfield Engineering Co., Ltd.	1	0
東哲電梯工程有限公司	Lighthouse Elevator Engineering Limited	1	2
三菱電梯香港有限公司	Mitsubishi Elevator Hong Kong Company Limited	1	2
富來工程有限公司	Rich Mark Engineering Limited	1	1
聯興工程服務有限公司	Ring Hing Engineering Services Co., Ltd.	1	1
雅文達(香港)電梯工程有限公司	Amanti (HK) Lift & Escalator Engineering Limited	0	1
聯誼工程有限公司	Associated Engineers, Ltd.	0	0
匯力電機工程有限公司	Association Electrical Engineering Limited	0	0
品豐機電工程有限公司	Ben Fung Machineries & Engineering Ltd	0	1
展偉工程有限公司	Cheerwell Engineering Limited	0	0
稼達機電工程有限公司	CKP Building Service Systems Ltd	0	0
振明工程有限公司	Chun Ming Engineering Co. Ltd	0	5
電梯工程有限公司	Elevator Parts Engineering Company Limited	0	0
耀天工程有限公司	Eugene Engineering Co. Limited	0	0
創匯國際有限公司	Group Creation International Limited	0	0
凱輝電梯工程有限公司	Hoi Fai Lift Engineering & Services Ltd	0	0
好歷(香港)有限公司	Holake (HK) Ltd	0	0
港國際貨櫃碼頭有限公司	Hongkong International Terminals Limited	0	0
Loedige Asia Limited	Loedige Asia Limited	0	0

註冊升降機/自動梯承辦商名稱	Name of Registered Lift/Escalator Contractors	承辦保養的升降機/自動梯發生機件故障事故的數目 No. of equipment fault incidents occurred at the lifts/escalators undertaken for maintenance	收到警告信的數目 No. of warning letters received
		2010-2012	2010-2012
香港鐵路有限公司	MTR Corporation Limited	0	0
菱電電梯有限公司	Ryoden Elevator Company Limited	0	0
菱電升降機服務有限公司	Ryoden Lift Services Limited	0	0
長安工程有限公司	Shan On Engineering Company Limited	0	0
新輝機械有限公司	Sun Fai Engineering & Equipment Co., Ltd	0	1
臺日電梯(香港)有限公司	Taizoom Elevator Co.(H.K.)Ltd	0	0
德利電梯工程有限公司	Tak Lee Elevator Engineering Co., Ltd	0	0
達輝工程有限公司	Techfaith Engineering Limited	0	3
時運電梯工程有限公司	Toki Elevator Engineering Ltd	0	0
威迪工程有限公司	Vertex Engineering Limited	0	0
偉達電梯有限公司	Whole Safe Ltd	0	0
總計	Total	108	55