

CONTROLLING OFFICER'S REPLY**DEVB(W)107****(Question Serial No. 1167)**

Head: (42) Electrical and Mechanical Services Department

Subhead (No. & title): (-) Not Specified

Programme: (2) Mechanical Installations Safety

Controlling Officer: Director of Electrical and Mechanical Services (CHAN Fan)

Director of Bureau: Secretary for Development

Question (Member Question No. 47):

According to the indicators in Programme (2), there were a total of 72 806 and 85 699 lifts and escalators in 2012 and 2013 respectively. The number of lifts and escalators inspected in 2012 and 2013 were 9 173 and 10 564 respectively. The numbers of lift and escalator incidents investigated in 2012 and 2013 were 272 and 271 respectively. Would the Administration please advise:

1. How many lifts and escalators in the past four years (i.e. 2010 to 2013)? Please list out the lifts and escalators according to the lift and escalator companies and contractors in Hong Kong that they belonged to. How can the public identify the corresponding lift and escalator maintenance company and contractor from the internet?
2. Please list out the lifts and escalators inspected by the Electrical and Mechanical Services Department (EMSD) in the past four years (i.e. 2010 to 2013) according to the lift and escalator companies and contractors in Hong Kong that they belonged to. What are the manpower and expenditures involved in EMSD's inspection work?
3. Please list out the incidents investigated by EMSD in the past four years (i.e. 2010 to 2013) according to the lift and escalator companies and contractors that they belonged to. What are the manpower and expenditures involved in EMSD's investigation work?
4. How many employees are there in the lift and escalator industry? What are the employees' average years of experience? It is estimated that more than 80 000 lifts and escalators will be inspected and maintained in 2014, what is the expected number of new employees to be registered in 2014?
5. Is the Administration aware of the average salaries of lift and escalator workers and registered engineers in the lift and escalator industry? If yes, what are the average salaries of relevant posts in the past four years (i.e. 2010 to 2013)? If no, what is the reason?

Asked by: Hon. TANG Ka-piu

Reply:

1. The total numbers of lifts and escalators in the past four years from 2010 to 2013 are summarised in Table 1 below. They are maintained by 43 registered lift contractors, of which 32 are also registered escalator contractors. The list of registered lift and escalator contractors can be found on EMSD website http://www.emsd.gov.hk/emsd/eng/pps/leo_reg_ctrctr.shtml. Registered contractor should post a label of its name and contact phone number at a conspicuous position adjacent to the main landing of the lift/escalator or in the lift car so that the public can identify the responsible registered contractor by referring to the label.

Table 1: Numbers of Lifts and Escalators

Year	2010	2011	2012	2013
Total no. of lifts	58 583	59 245	60 356	61 522
Total no. of escalators	7 937	8 233	8 470	8 648

2. The inspections conducted by EMSD in the past four years have covered all registered lift and escalator contractors providing maintenance services for lifts and escalators. The manpower involved in conducting inspections and incident investigations for lifts and escalators includes one Senior Engineer, three Engineers, one Senior Inspector and 18 Inspectors. The expenditures involved in 2010-11, 2011-12, 2012-13 and 2013-14 were \$13.5 million, \$14.3 million, \$15.1 million and \$20.2 million respectively.

3. Most of the lift and escalator incidents are related to inappropriate behaviour of passengers such as having their hands too close to the lift doors or failure to maintaining balance while using escalators. The number of incidents related to failure of equipment components in the past four years from 2010 to 2013, broken down into registered contractors for maintenance of concerned lifts and escalators are summarised in Table 2 below:

Table 2: Equipment Related Incidents

Registered Contractors	2010	2011	2012	2013
Sigma Elevator (HK) Ltd.	2	3	0	0
Hitachi Elevator Engineering Co. (HK) Ltd.	3	0	0	0
Chevalier (HK) Ltd.	4	2	1	3
Schindler Lifts (Hong Kong) Ltd.	6	3	5	1
Otis Elevator Company (HK) Ltd.	2	8	6	1
Holake Hong Kong Lifts Ltd.	2	1	1	0
Fujitec (HK) Co. Ltd.	9	0	3	1
KONE Elevator (HK) Ltd.	7	8	1	1
Mitsubishi Elevator Hong Kong Co. Ltd.	1	0	0	0
Nikkin Lifts & Escalators Ltd.	0	2	2	0
Anlev Elex Elevator Ltd.	1	2	1	0
Chun Ming Elevator Co. Ltd.	2	1	1	0
The Express Lift Co. Ltd.	1	3	2	0
Antofield Engineering Co. Ltd.	1	0	0	0
ThyssenKrupp Elevator (HK) Ltd.	2	0	1	0

Jekco Elevator Ltd.	0	1	1	0
Shineford Engineering Ltd.*	1	0	2	1
Ring Hing Engineering Services Co. Ltd.	0	1	0	0
Lighthouse Elevator Engineering Ltd.	0	0	1	0
Rich Mark Engineering Ltd.	0	0	1	0
Total:	44	35	29	8

* Registration of Shineford Engineering Ltd. was cancelled with effect from 16 October 2013

For the manpower and expenditure involved in incident investigation, please refer to part 2 above.

4. As at 24 February 2014, there were 303 registered engineers and 5 092 registered workers. There are also about 600 general workers who work under the supervision of registered workers and registered engineers. According to the information from the trade, the average years of experience for registered engineers and registered workers are around 15 years and 20 years respectively. We expect that the numbers of registered engineers and registered workers will increase by about 15 and 150 respectively in 2014.

5. The Census and Statistics Department regularly publishes reports on average daily wages of workers engaged in public sector construction projects as reported by main contractors which include the lift and escalator mechanic trade. The information can provide an indication of the salary level of lift and escalator workers. As in 2010, 2011, 2012 and 2013, the average daily wages of lift and escalator mechanic were \$696, \$644, \$605 and \$648 respectively. As for registered engineers, we do not have the corresponding salary information.