

By post and by fax at 2114 2877

1 September 2016

Safety Management Office  
Labour Department  
Unit 1006, 10/F, One Mong Kok Road Commercial Centre  
1 Mong Kok Road  
Mong Kok, Kowloon

[Attn: Mr SUEN Tat Kwong]

Dear Mr SUEN

### **Views on Draft Guidance Notes on Safe Use of Lorry-mounted Cranes**

Thank you for your letter of 4 July 2016 inviting The Hong Kong Institution of Engineers (HKIE) to provide views on the captioned subject.

The HKIE in general supports the *Draft Guidance Notes on Safe Use of Lorry-mounted Cranes* which provides practical guidance to the industry on safe and proper use of lorry-mounted cranes to prevent accidents. We would like to provide further views in the succeeding paragraphs.

Regarding **Section 6.2 Lifting quadrants**, while a load chart describes the variation of the lifting capacity of a crane at different jib extension length / luffing angle combinations within a particular quadrant, the load chart for a quadrant might not be applicable to the other quadrants. Under such circumstance, it is suggested that the owner of the crane shall provide appropriate load charts for all lifting quadrants with detailed configurations to the competent examiner for reference so that the competent examiner could certify the lifting capacities as safe working loads by applying appropriate proof loads. It is suggested that the above-mentioned load charts shall be authorised by the crane manufacturer or body builder.

Moreover, the owners of the crane shall complete and clear those non-conformance as highlighted by the competent examiner at site before the final inspection.

Regarding **Section 6.5 Automatic safe load indicator (ASLI)**, it is suggested that the ASLI of the crane shall be so configured that it functions differently for different quadrants, i.e. it shall issue warning signals based on the safe working loads of the particular quadrant where the crane is being loaded.

-2-

1 September 2016

[Attn: Mr SUEN Tat Kwong]

Thank you for your attention.

Yours sincerely



Monica YUEN (Mrs)  
Chief Executive and Secretary  
The Hong Kong Institution of Engineers

MY/WC/PH