

政府總部
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17 February 2011

Ms Connie Szeto
Clerk to Subcommittee
Subcommittee on Building (Construction) (Amendment) Regulation 2011
Legislative Council
Legislative Council Building
8 Jackson Road
Central, Hong Kong

Dear Ms Szeto,

**Subcommittee on
Building (Construction) (Amendment) Regulation 2011**

As regards the question raised at the Subcommittee meeting held on 15 February 2011 in respect of the velocity of vehicle used in the calculation of impact forces on vehicle barriers under regulation 17(4) of the existing Building (Construction) Regulations (Cap. 123 sub. leg. B), I write to provide supplementary information as follows.

Under regulation 17(4) of the existing Building (Construction) Regulations, the two mathematical formulae for calculating impact forces on vehicle barriers are modeled on a condition that the vehicle is travelling at a maximum velocity of 4.5 metres per second (i.e. 16 kilometres per hour). The formula in the proposed regulation 17(4) incorporates velocity of vehicle as one of the variables for calculating impact forces on vehicle barriers and therefore can be used in circumstances of different velocities of vehicle.

Yours sincerely,

A handwritten signature in black ink, consisting of a circle with a vertical line through it and a horizontal line crossing it, with some additional scribbles.

(C H Ho)

for Secretary for Development

c.c. Director of Buildings (Attn: Mr C M Koon)
Department of Justice (Attn: Ms Rayne Chai)