

Safety & Health Alert No. 43 / 2016

Safe Transportation Arrangement at the Entrance of Construction Site

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In March 2016, there was an incident at the entrance of a Housing Authority (HA) public rental housing development site in which a trailer overturned with its load – an excavator toppled. To prevent similar incidents on HA sites, contractors are strongly advised to take the following safety measures for transportation arrangement:-

- (a) Conduct risk assessment and formulate proper transportation procedures with precautionary measures for execution by frontline personnel concerned;
- (b) Comply with the Code of Practice for the Loading of Vehicles (CoP) published by Transport Department. Particular attention is drawn to the following paragraphs of the said CoP:
 - (i) Paragraph no. 3.8.25 and diagram 3.8.7 where the excavator should be restrained adequately to prevent movement on the supporting vehicle;
 - (ii) Paragraph no. 3.8.18 where not less than 4 anchorage points should be used to secure the plant to the carrying vehicle's platform.
 - (iii) The CoP could be downloaded through the following link:
https://www.td.gov.hk/filemanager/en/publication/cop_loading_of_vehicles_eng.pdf
- (c) Ensure there is enough manoeuvring space for vehicle during ingress/egress of the site and review if any illegal parking along the street of the entrance has adversely reduced the manoeuvring space;

- (d) Cordon off the area outside the entrance from illegal parking at the agreed goods delivery time to maintain an adequate steering path for the vehicle ;
- (e) Enhance communication with the transportation company regarding the timing of delivery of plant and equipment to site; and
- (f) Treat forward movement of vehicle into the site as a proper method.

The attention of new works contractors is specifically drawn to the new specification clause for the provision of gates at vehicular ingress / egress for traffic control in Capital Works New Works Contracts under DCMBI No. P03/15 promulgated on 13 October 2015.

Contractors are also required to observe the Guidelines on Safety of Site Vehicles and Mobile Plant published by Construction Industry Council.