

FOR IMMEDIATE RELEASE

Awareness on Safety Measures for Construction Site Vehicles and Mobile Plant

Hong Kong • 27 January 2017 – The Construction Industry Council (CIC) has expressed concern about the fatal industrial accident at Tuen Mun Landfill Site on 6 January 2017. In recent years, accidents arising from site vehicles and mobile plant have occurred frequently, the CIC has been actively advising the improvement measures for the construction industry.

The CIC's Committee on Construction Safety strives to promote construction safety culture, monitor and recommend effective measures to enhance construction safety. Over the years, the Committee has provided the following guidelines on the use of site vehicles and mobile plant, and encouraged the industry to adopt for the enhancement of work safety, which included:

1. Risk assessment: assess the likelihood of accidents and the possible consequences, formulate and ensure effective implementation of safety measures;
2. Design of site layout:
 - properly design site layout, minimise movements of vehicles and plant on construction sites
 - provide appropriate facilities to secure safe movement of personnel within the site
 - if reversing is unavoidable, turning heads should be provided and signalman should be deployed to guide reversing vehicles and plant when necessary
 - ensure signalman to wear high-visibility or reflective vests, use appropriate communication equipment, such as walkie-talkie or other facilities for effective communication;
 - impose measures to limit the speed



3. Installation of reversing video devices (RVD): provide drivers and operators with rear-side views on a monitor in the driving cabinet through a CCTV camera mounted on the rear of vehicles and plant;
4. Provide suitable and adequate lighting;
5. Installation of other reversing safety devices: including parking sensor, reversing alarm and warning light;
6. Safe working procedures: formulate safe working procedures in relation to the operation of site vehicles and mobile plant; and
7. Training of site personnel: provide appropriate trainings and briefings on site traffic routes and rules for site personnel, such as drivers and operators.

The Committee has released three safety publications for construction site vehicles and mobile plant, including:

1. June 2008 - *Guidelines on Safety of Site Vehicles and Mobile Plant*
2. 2012 - Poster for *Designated Access for Pedestrians and Vehicle on Construction site*
3. December 2015 - Safety Alert *Traffic Safety on Construction Sites*

The Safety Alert *Traffic Safety on Construction Sites* mainly recommends the persons responsible for construction sites, drivers and pedestrians to pay attention to the safety measures to prevent the occurrence of accident, such as advising persons responsible for construction sites to develop a comprehensive construction site traffic management plan, set up proper segregation between pedestrian, vehicular passages and material dumping zone, etc. The Alert also recommends drivers to check vehicles every day before work, to strictly follow the site traffic safety instructions, do not park vehicles in unauthorised area and reduce vehicle speed during turning.

In addition, the Task Force on Application of Innovative Design to Enhance Construction Safety (Task Force) under the Committee has been working closely with the industry on the application of innovative technology to enhance the safety aspects of construction sites, including to explore the use of reversing Radio-frequency Identification (RFID) sensors / alarm system. Last year, the Task Force has conducted preliminary tests on the system at various construction sites and will further discuss and investigate the test results with the industry.

The above three safety publications can be browsed and downloaded at below links:

- June 2008 - *Guidelines on Safety of Site Vehicles and Mobile Plant*
http://www.cic.hk/cic_data/pdf/about_cic/publications/eng/Site_Vehicales_and_Mobile_Plant.pdf
- 2012 - Poster for *Designated Access for Pedestrians and Vehicle on Construction site*
http://www.cic.hk/cic_data/pdf/about_cic/publications/eng/A10_11_e_V00_P-CSS-001-012-E.pdf
- December 2015 - Safety Alert *Traffic Safety on Construction Sites*
http://www.cic.hk/cic_data/pdf/about_cic/publications/eng/Safety%20Alert%20003-15%20Traffic%20Safety%20on%20Construction%20Sites-e.pdf

About the Construction Industry Council

The Construction Industry Council (CIC) was formed in 2007 under the Construction Industry Council Ordinance (Cap. 587). The CIC consists of a chairman and 24 members representing various sectors of the industry including employers, professionals, academics, contractors, workers, independent persons and Government officials.

The main functions of the CIC are to forge consensus on long-term strategic issues, convey the industry's needs and aspirations to the Government, to provide professional training and registration services, and to serve as a communication channel between the Government and the construction industry.

Please visit www.cic.hk for further details.

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