



## Work Safety Alert Ran over by a Reversing Dumper Truck

1. **Date of Accident :** November 2013
2. **Place of Accident :** A construction site in Tai Po
3. **Summary :**

A female worker was run over by a 30-ton dumper truck to death while the truck was reversing along a carriageway under construction.

### 4. **Work Safety Alert for Contractors/Employers :**

To prevent workers engaging in road works from being struck by mobile vehicles, contractors/employers should:

- appoint a competent person to conduct risk assessments with particular regard to the operation of the mobile vehicles, the site layout, work environment and traffic control;
- formulate and implement an effective traffic management system which should include the following:
  - segregating workers from the operating zone of mobile vehicles by suitable barriers;
  - exercising strict access control measures with suitable warning notices in place to avoid unauthorised man-entry into operating zone of mobile vehicles;
  - eliminating reversing where possible, by adopting one way traffic system;
  - stationing a signaler to give effective signals to vehicle operators who do not have a clear and unrestricted view of its vicinity



especially in reversing motion;

- installing suitable safety devices on the mobile vehicle, such as closed-circuit televisions to enhance the vehicle operator's views especially at the rear and audio/visual alarms for reversing motion to alert persons working nearby, and maintaining the safety devices properly;
  - imposing speed limits on traffic routes through erecting speed limit signs and installing speed humps or other similar devices;
  - installing appropriate signs and devices to alert vehicle operators that road works is in progress on the site; and
  - ensuring that every worker on the site is wearing a high visibility or reflective vest so that vehicle operators could easily recognize them;
- provide workers with adequate information, training and instruction in respect of the safe system of work for operating mobile vehicle and traffic management measures; and
  - implement effective monitoring and supervision to ensure that the above safety measures are strictly followed.

## 5. Reference :

- [Five Steps to Risk Assessment](#)<sup>1</sup>
- [Safe Systems of Work](#)<sup>1</sup>
- [A Guide to the Factories and Industrial Undertakings \(Loadshifting Machinery\) Regulation](#)<sup>1</sup>
- [Guidance Notes on Safe Use of Loadshifting Machines for Earth Moving Operations on Construction Sites](#)<sup>1</sup>

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<sup>1</sup> Click to view the document



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