



Work Safety Alert **Struck to Death by a Reversing Water Wagon**

1. Date of Accident : November 2019

2. Place of Accident : A construction site

3. Summary :

A worker while carrying a tool to her work location was struck to death by a reversing water wagon.

4. Work Safety Alert for Contractors/ Employers :

To prevent any workers from being endangered by moving vehicles on a construction site, the responsible contractors/ employers should provide and maintain a safe system of work which should include, but not limited to, the following:

- appointing a competent person to conduct task-specific risk assessments to identify all potential hazards associated with the operation of moving vehicles within the site area, taking into account of the workplace environment, driving route and movement of workers;
- formulating and implementing an effective traffic management system with due regard to the results of the risk assessments and relevant safety guidelines;
- providing and maintaining safe walkways away from moving vehicles for workers to move around the site;
- demarcating designated walkways for workers by suitable barriers and signages;
- displaying notices at prominent locations to alert workers to the moving



vehicles and remind them of using the designated walkways;

- exercising control measures to avoid unauthorised entry into the operating zones and driveways of the moving vehicles;
- as far as reasonably practicable, equipping each moving vehicle with suitable safety devices, such as closed-circuit television to enhance the driver's view of the road condition, and installing audio/ visual alarm for reversing motion to alert workers nearby. All devices shall be properly maintained to ensure their effectiveness;
- appointing a signaler to give signals to the moving vehicle driver if the driver does not have a clear and unrestricted view of the road condition;
- ensuring that every worker who is involved in road works or working near the driveways is wearing a high visibility or reflective jacket so that they could easily be seen;
- providing all workers concerned with the necessary safety information, instruction and training in respect of the traffic management system, and ensuring that they are familiar with the relevant safety measures; and
- establishing and implementing an effective monitoring and control system to ensure all safety measures are strictly followed.

5. Reference :

- [Safe Systems of Work](#)¹
- [Five Steps to Risk Assessment](#)¹
- [Five Steps to Information, Instruction and Training](#)¹

¹ Click to view document



職業安全及健康部
Occupational Safety and Health Branch
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Note: The material contained in the Alert is not exhaustive, and will be supplemented/adjusted where necessary if more relevant information comes to light.