



Work Safety Alert **Struck by a Loader**

- 1. Date of Accident :** September 2013
- 2. Place of Accident :** An underground tunnel under construction in Sham Shui Po
- 3. Summary :**

A ganger was struck to his death by a loader being used for mucking-out inside the tunnel while he was working in the vicinity.

4. Work Safety Alert for Contractors/Employers :

To prevent workers from being struck by moving plant during tunneling works, contractors/employers should:

- appoint a competent person to conduct risk assessments with particular regard to the site layout and environment;
- formulate and implement an effective traffic management system which should include the following:
 - segregating workers from the operating zone of mobile plant by suitable barriers;
 - maintaining an unobstructed passageway of sufficient width between the operating zone of mobile plant and the tunnel surface;
 - exercising strict access control measures with suitable warning notices in place to avoid unauthorised man-entry into operating zone of mobile plant;
 - eliminating reversing where possible, by adopting one way traffic



system;

- stationing a signaller to give effective signals to plant operators who do not have a clear and unrestricted view of its vicinity;
 - installing suitable devices, such as closed-circuit televisions on the mobile plant to enhance the plant operator's views, especially those at the rear; and
 - ensuring that every worker in the working area is wearing a high visibility or reflective vest;
- provide workers with adequate information, training and instruction in respect of the safe system of work for operating mobile plant and traffic management measures; and
 - implement effective monitoring and supervision to ensure that the above safety measures are strictly followed.

5. Reference :

- [A Guide to the Factories and Industrial Undertakings \(Loadshifting Machinery\) Regulation¹](#)
- [Guidance Notes on Safe Use of Loadshifting Machines for Earth Moving Operations on Construction Sites¹](#)
- [地盤意外個案簡析系列 — 搬土機械¹](#) (Chinese version only)

¹ Click to view the document



職業安全及健康部
Occupational Safety and Health Branch
勞工處
Labour Department



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