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SITE ORGANISATION AND MANAGEMENT

This chapter covers brief information about site management during the time when a project is practically executed. Besides, environmental management system and construction site solid waste topics have also been discussed.

7.1 ON-SITE ORGANISATION

Site organisation is a process to ensure a safe and healthy construction site during the project execution. By site organisation, on-site construction activities are safely and efficiently completed. There are mainly two ways to have on-site organisation [60], where the description is provided below,

1. Keep Pedestrians and Vehicles Apart on Construction Site
   Accidents on-site occur when there is no adequate planning to keep pedestrians and vehicles away from the construction work. Following are some helping guidelines to avoid accidents on construction sites, also illustrated in Figure 7.1,

   a. Entrances and Exits
      A separate entrance and exit should be provided for both pedestrians and vehicles.

   b. Walkways and Crossings
      In pedestrian walkways, proper drainage should be provided to avoid slipping. Moreover, if a walkway gets crossed by a road, proper signs should be placed for their attention.



Figure 7.1 Construction Guidelines for Site Accidents Prevention

c. Obstructions, Visibility and Barriers
Drivers need to ensure that there are no pedestrians on the public road in the construction area. Moreover, no project belongings should be kept on pathways which can force pedestrians to use roads. The most suited way is to provide proper barriers between pathways and roads.

d. Minimise Vehicle Movements on the Site
Minimising the vehicles' entry on construction sites can cause distress, but it is the most convenient way to reduce accidents risk.

2. Protecting the Public on Construction Sites
It is observed that the workers and the public often become victims of construction project accidents. Following are some measures that can reduce the risk of accidents, also illustrated in Figure 7.2,