

Plant People Interface

Safety Alert

February 2018

Plant People Interface is recognised as one of the key fatal risks within construction.

*Each year, on average, 7 workers are killed as a result of accidents involving vehicles or mobile plant on construction sites.
A further 93 are seriously injured.*

Following a number of incidents across Highways England, a review of the investigations has taken place and identified the following;

- Failing to adequately control the risks with no separation between moving plant and welfare facilities
- Failing to communicate risks to operatives by not completing site inductions
- Traffic Management plans failing to identify high risk areas
- Lack of suitable and sufficient site specific risk assessments
- Failing to update site management plans and communicating changes from Principal Contractor to all contractors on site

In addition, a number of investigations have failed to be completed to the required standard expected by Highways England.

Construction site vehicle incidents can and should be prevented by the effective management of transport operations throughout the construction process.

Remember....

- Traffic routes must be designed to ensure one way flow of traffic and reduce the need for reversing manoeuvres where possible.
- Workplaces should be organized so pedestrians and plant can manoeuvre safely.
- There must be safe pedestrian access to and within the site areas.
- A Risk/No Risk Zone must be identified, with the red zone acting as an exclusion area for all persons. As a minimum, the risk zone must be physically segregated by barriers to prevent any persons entering the risk zone.
- Risk Zone exclusion requirements and all pedestrian and vehicle routes must be communicated to all on site, including visitors through the appropriate induction process
- If it is not possible to physically segregate persons from entering the risk zone then an effective control system such as proximity warning technology should be selected, implemented and established as a minimum.
- Start of shift briefings must be provided, detailing information on exclusion zones and safe systems of work

Advice & Guidance

For further advice and guidance on plant person interface can be found on the Highways Safety Hub website.

Raising the Bar Guidance 3 – Plant Person Interface

Safety message - <https://vimeo.com/146814270>