



COLLISION/IMPACT – HIT BY FALLING OBJECT

WLD.008

Description of Event

Unsecured light falling from height.

Population at Risk

Maintenance Contractor Workers and Members of Public (MOP)

Hazardous Activity and Residual Risk Description

- Working at night with unsecured lighting at height exposes workers and MOP to the potential of being struck by the lighting equipment with an assessed residual risk of an almost certain likelihood of minor or moderate harm being incurred.

Potential consequences of this event

- HSE recently reported that being struck by moving objects including flying/falling objects constitutes 14% of accidents in construction.

Safety Hub Alert Database

- Sub-category 1 scaffolding with sub-category 2 falling item has 7 alerts including 2 with injury.



Photo of worksite, showing tower on left and fall path of the light.



Image of mobile lighting which can be secured to scaffold tower.

Potential Mitigation Measures

Design

- Provide a means to secure lighting from falling.
- Provide barriers around work access equipment when equipment or objects are being moved to their secured location and exclude entry to the hazardous zone.
- Provide information on ambient light levels at planned time to undertake task and propose suitable mobile lighting equipment.



Construction

- Substitute - Select work equipment and tools that do not need to be carried up work access equipment in an unsecured manner.
- RAMS should require inspection of the workplace to confirm that no loose equipment or objects present prior to workings commencing.
- Select PPE with integrated task lighting.
- Consider undertaking activity during hours of daylight.
- Provide mobile independent lighting tower.
- Select work access equipment with mesh screens around working platform.

Maintenance / Operations

- Apply design and construction mitigation measures as described above.

Further Guidance and Reading

- [Working at height - A brief guide by HSE](#)
- [B16 – Working at Height](#)
- [RtB 15 – Task Lighting](#)



Please send ideas for Whole Life Design safety shares to wellbeing@nationalhighways.co.uk

LEAN

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