

Thameslink Programme Health & Safety – Good Practice 033

Beyond compliance: New extra-visible PPE Innovation at BBR

Overview/Description

During February 2017, KO2 held a Boots on the Ground Event at the Balfour Beatty Gemini welfare facility. Among many new initiatives was a new PPE technology that made the user more visible at night compared to standard issue PPE as illustrated below:

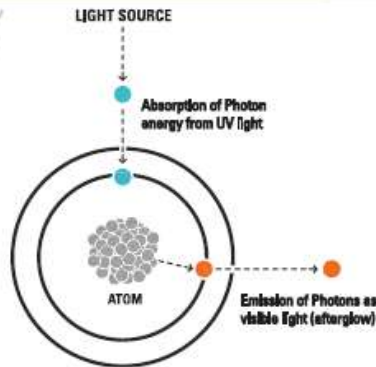


HOW DOES IT WORK

Photons absorb energy from UV light (natural or artificial)

Generates increased activity of electrons

Electrons release energy in the form of light



The project team in conjunction with the supplier trialed this new PPE targeting key operatives such as Points Operators, POS reps and Technical staff in a typical working environment.

Benefits

Feedback was extremely positive, in particular all involved were pleased with the extra visibility offered by highlighting their location in proximity to road vehicles in compounds, road rail plant and works trains across busy worksites.



The innovative nature of the PPE has the potential to further reduce the risk from People Plant Interface whilst keeping members of staff safe and informed. The next step is to engage with the BBR central procurement teams and PPE supplier to take this forward via the PPE catalogue. This new PPE will be supplied to key staff as soon as it becomes available.