

SAFETY ALERT

Bitumen burns to face

What happened?

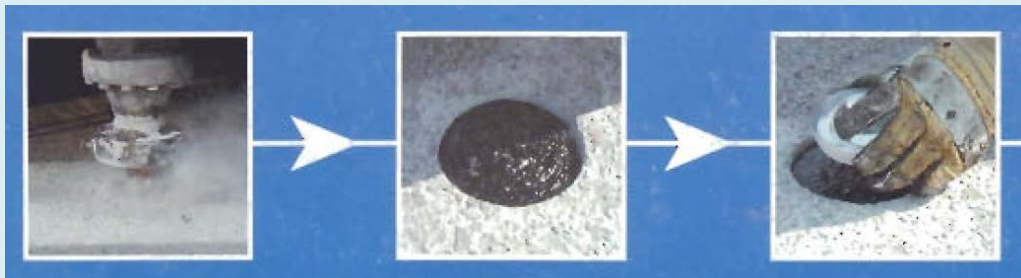
During the placing of a glass road stud into hot bitumen, the stud shattered resulting in the hot bitumen splashing into the operative's face.

The task being undertaken had three main stages:

1. Mill Hole

2. Insert Bitumen

3. Place Stud



Initial findings and actions taken:

- First aid treatment was given on site in the form of cold water and burn gel which was available at the place of work.
- The work-shift was stopped to allow a full review to be undertaken.
- The supplier and subcontractor have acknowledged a small number of studs shattering prior to this event.
- The manufacturer has been contacted by the supplier and notified of this event. The investigation team are awaiting further information from the manufacturer and supplier.

1. Bitumen splash



2. Burns to lips and cheek



3. Glasses prevented eye injury.



Action to be taken:

1. Any road studs known to have quality failures are not to be used.
2. RAMS to be reviewed for all operations that use bitumen to consider use of a full face visor in activities where there is a risk of bitumen splashing.
3. Ensure all operations using bitumen have a burns kit and cold water available immediately at the work front.
4. To aid the ongoing investigation, any other known instances of road studs shattering are to be reported to ian.nixon@costain.com

