FEL Contact with Customer Vehicle

WHAT HAPPENED

The Front End Loader (FEL) driver was contacted by radio to check a lorry that had bent its exhaust pipe when trying to drive under the plant.

The driver went to drive around to the front of the plant when he noticed an arctic coming towards him. He reversed to allow the arctic to pass, not noticing the collect customer in a transit van who had driven up behind the FEL. The counter weight of the FEL came into contact with the customer vehicle causing minor damage to the vehicle.

Key Factors:
- Formal familiarisation was not given to the lorry driver who attempted to drive under the plant that would have alerted him to the height restriction. The driver was familiar with another asphalt plant where it is possible to drive straight under the plant.

- The FEL had been subject to the standard risk assessment for reversing radar and the system fitted provided a warning but was not full VMS.

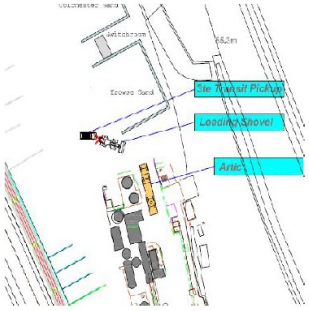
- Although not identified as a cause the convex

mirrors on the FEL were clouded and obscured. This had not been noted as a defect on the daily defect inspection process.

- The FEL operative failed to adequately check for dangers whilst reversing.



Collect Customer Van



Position of Vehicles

LEARNING POINTS / ACTIONS TAKEN

- Ensure hauliers who are new to site have an induction / orientation to warn of site hazards and that this is recorded.

- Review Vehicle/Pedestrian Management Plan to ensure that, wherever possible, site vehicles are separated from road vehicles on site.

- In restricted plants consider adopting a ‘5+2’ rule where a 5m exclusion zone is enforced in front and behind a vehicle and 2m either side.

- Share this brief with staff showing the dangers of not checking behind adequately when reversing.

- Verify that VMS / Radar systems on mobile plant have been subject to risk assessment and have been calibrated to the working area and is effective.

- Review daily mobile plant inspections to ensure that all defects are being reported as required.

LOCATION:	**ASPHALT/COATING PLANT**	**ALERT STATUS:**	**Normal**
ACTIVITY:	**TRANSPORT & LOGISTICS / DELIVERY**	**DATE ISSUED:**	**07/11/2017 11:49:13**
SUB ACTIVITY:	**LOADING**	**INCIDENT No:**	**01477**