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MHI Corrugator Single Facer Amputation

The Incident

On 24th October, an employee while working on a MHI corrugator single facer, had 3 fingers amputated, when his right hand was caught between the lower corrugated roll and the press roll.

Details of the incident

The injured person has no memory of what he was doing at the time of the accident at this point in time. From the accident investigation findings it has been concluded jointly by the member company, HSE (Regulator) and Unite (Union) that the IP must have been able to reach through a side guard / gate to thread the fluting paper through the lower corrugator roll and the press roll.

The actual hazard being 915mm from the guard / gate which is beyond normal reach distance and complies with existing machine guarding regulations.

The IP was preparing the single facer for the next shift.



Fingers amputated between Lower Corrugator Roll and Press Roll.

Company Action

Enhanced Procedures / Actions:

1. Complete the development of a written safe system of work for the single facer which includes the threading of fluting and liner paper through the machine.
2. To ensure all corrugator wet end operators are fully briefed / trained on the new safe system of work and sign to acknowledge full acceptance.
3. To modify the existing side guard / gate by in filling with meshing to prevent anyone from being able to deliberately reach through this guard/gate

Original interlocking gate/guard – Glue tray position following the accident



Gate / Guard with in-filled mesh

