

## Safety Alert/ Bulletin

### Subject: Piling Rigs/ Concrete Pumps



#### Description of Accident/ Incident

Following the successful completion of concrete pumping on a Casagrande B300 continuous flight auger piling rig, the piling team commenced work to clean the concrete pumping system using compressed air. During this cleaning operation, a blockage was encountered.

As the team worked to clear the blockage, tragically, one of our colleagues was fatally injured. Our thoughts are with our colleague's family, friends and co-workers at this time.

A second colleague was injured in the incident and later discharged from hospital.

#### Pictures/ Additional Information



Casagrande Piling Rig

#### Learnings/ Considerations

- All equipment identified in the safe system of work is on site and in good condition.
- Hoses, pipes, joint clips and restraint wires (whip check) have been checked and are suitable for use.
- Hoses are clearly identifiable with a serial number and inspected in accordance with the required maintenance regime.
- The safe systems of work for pumping, pipe and hose cleaning, and dealing with blockages, have been briefed to the whole team involved in the operations, including the requirement to stop work and report any blockages that may occur to the supervisor.
- Only competent operatives are authorised to operate concrete pumps and air compressors.
- An exclusion zone is in place when pumping and cleaning operations are in progress.
- A Permit to Pump Concrete is in place before concreting operations begin.
- Measures ensuring that only concrete that is within its curing time limit is used.
- Regular monitoring to ensure these control measures remain in place.

#### Disclaimer

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