

# Concrete Pumping

- Do not operate a pump unless you are competent, trained and authorised to do so.
- Pump operators must wear goggles/Safety Glasses and rubber gloves to protect themselves from concrete splashes.
- Concrete Burns if it comes in contact with your skin wash off immediately.
- Ear protection must be worn when working around the pump and holding drum.
- Slip, Trips and falls causes the most accidents on site, make sure the pumping area is kept clear and unobstructed at all times.
- Before starting work make sure all emergency stops are working correctly. If not inform your Supervisor.
- Protect all drains, streams and other waterways from pollution.
- Inspect concrete hoses daily to make sure that all concrete clamps are secured with a safety pin and the hoses are clear from braiding. If braiding is exposed seek advise immediately.
- Always wash out the blow out gun to keep it in good working order at the end of a shift.
- Fit a catch basket to the discharge end of the pipe before discharge commences.
- A concrete pump produces up to 66 bar in pressure, when new a hoses is tested at 100 bar, by make sure no site traffic run over the placement hose, you will help stop an incident in the future.
- When pipe lines are being 'blown out' keep people away from the discharge end.
- If the line becomes blocked stop immediately and seek direction from the foreman.
- Always release the pressure by reverse pumping before opening pipe couplings.
- Pumps should be located with a mind to safe access for concrete lorries.
- Concrete lorries should be banked up to the concrete pump making sure you are always visible to the driver as he reverses.
- When standing in the crows nest on a holding drum make sure access chain is in place.

**Q. Why should you protect drains?**

**Q. Concrete does what?**

**Q. What pressure does a pump work at?**

