

Rotary Bored Piling

- Always ensure rig is working on a firm, level platform.
- Make sure a permit to work and a platform certificate is in place before commencing work.
- Use two off sets at 90° and monitor till auger has drilled in to solid material.
- An exclusion zone must be maintained with barriers and no entry signage along the slew arc of the rig.
- Always stand outside the exclusion zone when the rig is drilling or discharging spoil.
- Keep spoil as far away as possible from the borehole.
- Maintain good access for pedestrians and vehicles.
- Insert a temporary casing as soon as possible to prevent collapse of the bore and to provide edge protection.
- Always use 'r' type clips to secure pins.
- Keep away from open bore holes – cover and/or barrier off.
- Keep fingers and feet clear of loads and out of moving parts.
- Ensure cages are slung correctly, do not put hands or arms inside the cage when splicing over the bore.
- Check all lifting accessories prior to use. If defective take out of use and attach a red do not use tag to the lifting accessories and inform your Supervisor.
- All reversing vehicles should have a banksman in attendance (this includes concrete wagons and muckaway wagons)
- If a 'pinch point' is identified it must be barriered off. A pinch point is an area where there is a gap of less than 600mm between the rig/crane and an immovable object.
- Make sure all open bores are back filled with a granular material and monitored for slumping. Barrier off any that are found to off slumped and inform the Operations Supervisor.
- A Pre-inspection sheet of the piling rig must be completed daily by a competent person and email to the office.



Q. Where should you stand when the rig is discharging spoil?

Q. What should you do to open bore holes?

Q. What should be along the slew arc of the rig?