

The concrete pump operator is not to carry out the task of the line hand located at the end of the concrete delivery line.

3.2 Planning by the principal contractor or person in control of the workplace

When planning for the pumping of concrete the principal contractor or person in control of the workplace must consult with the concrete pumping PCBU regarding risks. The principal contractor or person with management or control of the workplace should ensure:

- the concrete pump is located in the most favourable position to pump concrete, including allowing adequate visual contact for the concrete pump operator with both the pump and the pour area. If this cannot be achieved, then alternative controls should be implemented (see section 4.3.2)
- a clear, level area of ground with a firm base that is capable of supporting the weight of the pump unit and the concrete delivery trucks, is available
- appropriate traffic control measures are in place for concrete delivery (e.g. single, multiple and continuous truck delivery - see section 4.2.4 for further information on traffic control for concrete pumping operations).
- clear access to the pump unit for concrete trucks
- safe and unobstructed access for the general public, to public areas in the vicinity of the pumping unit and the delivery trucks, if the pump unit is set up in the street
- a time schedule is set prior to a major pour commencing, based on a realistic assessment of the time to complete
- an allowance is included for weather, accessibility, volume of concrete, slab and site limitations, equipment back up, restricted work times (local council rules), equipment capacity, concrete pump operator availability, hose-hand's limitations and the concrete supplier's requirements
- that there is a clearly defined 'pump washout area' complying with environmental protection legislation and local authority requirements
- where compressed air and water lines are supplied on site, that they are positioned to avoid any damage and to comply with the appropriate Australian Standards
- there is a method to collect concrete residue and/or all necessary precautions necessary to prevent wash down residue from the clean-up of pumping operations finding its way into stormwater drains (including concrete delivery trucks), particularly where a permanent or semi-permanent set-up has been established on site or where a pump is set-up in a roadway or public place, and ensuring that this residue collection method complies with all Environment Protection Authority requirements.

3.3 Planning by the concrete pumping PCBU

The concrete pumping PCBU must consult with the principal contractor or person in control of the workplace about the overall planning for pumping concrete on site. Following this consultation, the concrete pumping PCBU should consider:

- whether enough workers are available to safely pump concrete and to operate the emergency shut down system, in case of line failure or other events that require the pump to be shutoff. The likelihood of hose whip from air being sucked into the concrete line is reduced where the

