1. Concrete pumping plant issues

Concrete pumping plant has a high risk level therefore it is extremely important to use plant that is manufactured and maintained to high standards.

Serious incidents with concrete pumps include the following:
- collapse of concrete placement booms
- rupture of concrete placement lines, and
- amputation of body parts in the concrete pumping hopper.

Always remember to carry out:
- routine maintenance and inspection of concrete pumping equipment
- annual safety inspections of concrete pumps (recording all documentation)
- major strip down inspections after six years by a professional engineer, including the provision of a detailed report
- inspection of pins to ensure they are in place and not worn, and
- inspection of concrete pumping pipes.

Never use:
- pipe that has a wall thickness less than permitted by the concrete pump manufacturer
- a damaged pump or concrete placement boom
- a repaired concrete placement boom unless the repair has been certified by the boom manufacturer or a professional engineer
- pipe clamps that have a pressure rating less than the maximum pressure of the concrete pump, or
- quick release clamps unless a safety pin is inserted.

More information
Further information is available from www.worksafe.qld.gov.au or by calling the WHS Infoline on 1300 369 915.

© The State of Queensland (Department of Justice and Attorney-General) 2011

Copyright protects this document. The State of Queensland has no objection to this material being reproduced, but asserts its right to be recognised as author of the original material and the right to have the material unaltered.

The material presented in this publication is distributed by the Queensland Government as an information source only. The State of Queensland makes no statements, representations, or warranties about the accuracy or completeness of the information contained in this publication, and the reader should not rely on it. The Queensland Government disclaims all responsibility and all liability (including, without limitation, liability in negligence) for all expenses, losses, damages and costs you might incur as a result of the information being inaccurate or incomplete in any way, and for any reason.

Workplace Health and Safety Queensland, Department of Justice and Attorney-General
FACT SHEET – Concrete pumping plant issues