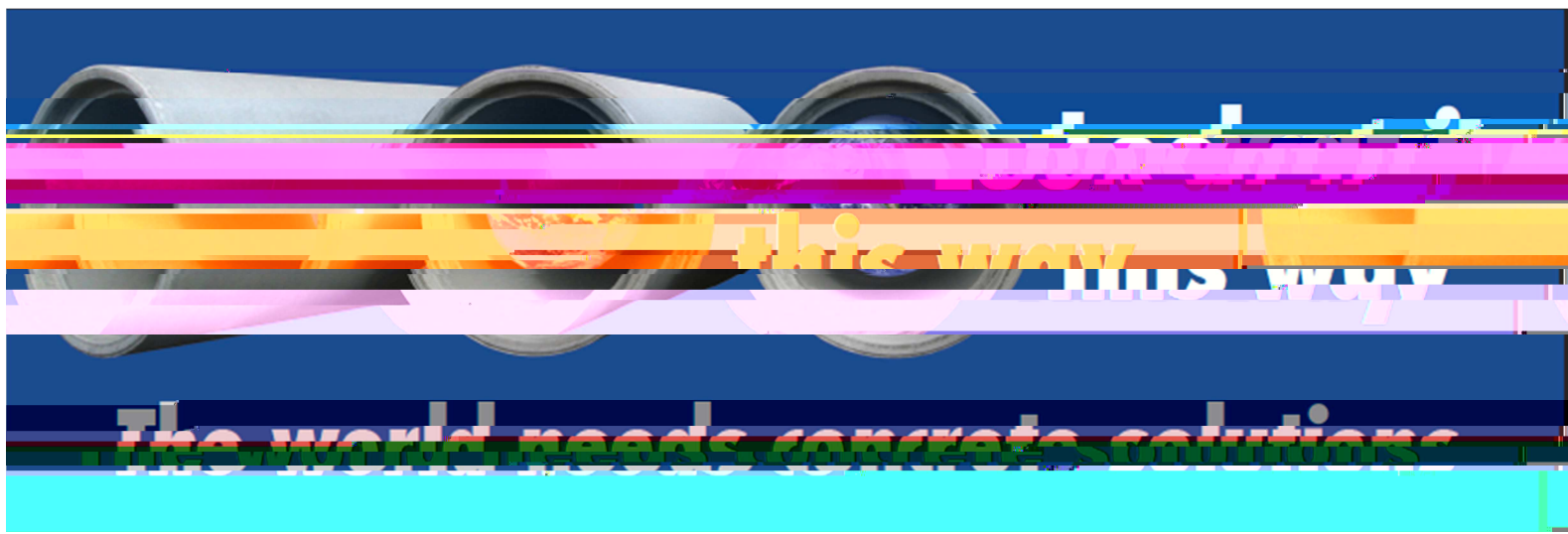




Plant Prequalification Program

Raising the Bar for Quality Precast Products

Written by: Henry Lu, EIT



The Plant Prequalification Program (PPP) is a reputable, third-party certified program that holds precast concrete manufacturers to a higher standard of production quality. It's the most comprehensive pipe and manhole certification program in North America. There's no added cost associated with PPP certified products so it acts as free quality control. Based on the PPP's applicability and reputation over the years, highway and city groups across Canada are beginning to adopt it into their local specifications. A PPP certified manufacturer gives designers, owners, and the public peace of mind knowing that an unbiased party has audited

during a random audit/ a manufacturer is given a limited amount of time for corrective actions.
The Plant Prequalification Program audit is broken down into three categories, as listed below

Inputs

(.

diameter are gauged/ this is unique to the concrete pipe industry.

; . structural test results for all pipe sizes and strength classes in a Three--dge \$earing Test.

). : ydrostatic pressure tests of , : and pipe products in various configurations #hich include pipe in proper alignment, pipe #ith

-oints deflected, and pipe -oints under differential load.

(9. %oncrete durability tests such as air void or salt scaling.

((. , ar&ings on concrete drainage products must include the Prequalification .tamp.

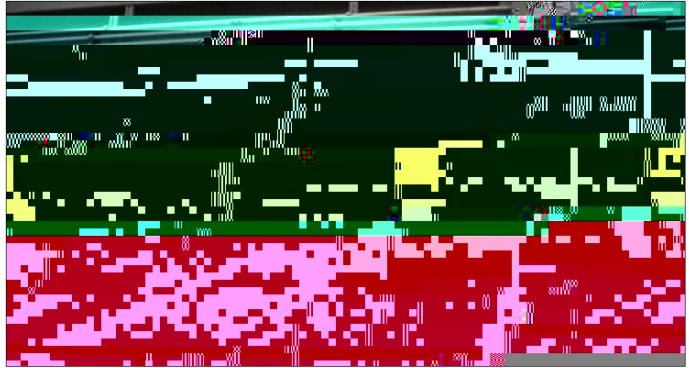
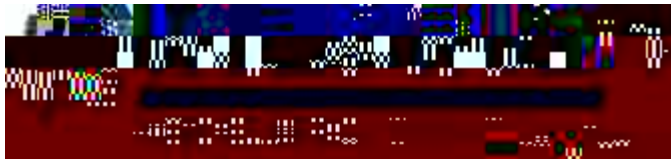


Figure 4: RCP undergoing a Hydrostatic Test



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