



NPCA Offers New Certification for Water and Wastewater Tanks

The National Precast Concrete Association has taken certification to the next level with a new product-focused certification for water and wastewater tanks. NPCA's Plant Certification program has traditionally been process-based, certifying the processes that plants must conform to in manufacturing precast concrete products. The new Optional Product Listing for Water and Wastewater Tanks Program describes specific product models and the design and performance criteria they must meet to obtain certification. NPCA programs use independent third-party engineering firms accredited to ISO/IEC 17020:2012 for plant inspection. Both the plant certification program and the product-specific certification program are accredited by ANSI.¹

How does the program work?

All NPCA Certified Plants are eligible to participate by completing a detailed submittal package for the model(s) they wish to list. The submittal includes information about the plant, a product description including the capacity and model number of the tank, a complete set of drawings, and reinforcing details including structural calculations. The documents must be stamped by a structural or professional engineer. Once the submittal is approved, the plant undergoes an unannounced inspection that includes a watertightness test on a tank chosen at random. The plant will be granted a product listing based on successful completion of the test. Listed products will appear on the NPCA website (precast.org) below the company name and the other products manufactured at the plant.

What are the benefits of NPCA Product Listing?

Just as NPCA Plant Certification enables quality-conscious agencies, engineers and specifiers to identify and select high-quality precast concrete manufacturers, the NPCA Product Listing Program takes certification one step further to include specific models of water and wastewater tanks. Plants displaying the NPCA Certified Plant and NPCA Listed Product markings on their tanks show that the plant's processes comply with industry standards and that each product also complies with design and performance standards.

For more information about NPCA Product Listing of Water and Wastewater Tanks Program, please contact:

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¹ The National Precast Concrete Association is certified under the American National Standards Institute (ANSI) for Precast Concrete Plant Certification with an Optional Product Listing for Water and Wastewater that meets the requirements for accreditation based on ISO/IEC 17065:2012 Conformity Assessment – Requirements for bodies certifying products, processes and services.