



State of Louisiana

Department of Health and Hospitals
Office of the Secretary

June 11, 2012

Jake Causey, P.E., Chief Engineer
Engineering Services
Office of Public Health
Department of Health and Hospitals
628 N. 4th Street
P.O. Box 4489
Baton Rouge, Louisiana 70821-4489

Re: **REVISED** - Letter of Intent – Adoption of ASTM F2389-2010 – Standard Specification for Pressure-Rated Polypropylene (PP) Piping Systems

Dear Mr. Causey:

This letter officially rescinds and replaces the previous letter issued January 6th, 2011.

It has recently come to my attention that the Louisiana State Plumbing Code, 2000 edition (LSPC) does not list polypropylene (PP) as an approved material for potable water service or potable water distribution. Alternatively, ASTM Standard F2389-2010 establishes requirements for polypropylene (PP) piping system components that are pressure-rated for potable water service and potable water distribution. This nationally recognized standard includes criteria for materials, workmanship, dimensions and tolerances, product tests, and markings for PP piping system components such as pipe, fittings, valves, and manifolds.

It is my understanding, based upon your staff's research and recommendations, that PP piping systems that meet the requirements of ASTM F2389-2010 and comply with ANSI/NSF 61 (Drinking Water System Components - Health Effects) and ANSI/NSF 14 (Plastics Piping System Components and Related Materials) would provide design and installation professionals an additional safe and reliable material option for potable water service and potable water distribution systems. Therefore, it is my intent to adopt ASTM F2389-2010 with the following constraints/notes:

1. PP piping system components intended for the transport of potable water shall be evaluated, tested, and certified for conformance with ANSI/NSF 61 and ANSI/NSF 14.
2. Heat fusion joints for PP piping shall be made in accordance with ASTM D2657-2007.
3. With the exception of heat fused polypropylene, all other joints and fittings for plastic pipe are prohibited on inaccessible water distribution piping under slabs.

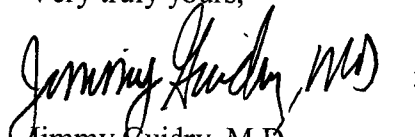
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4. The installation of PP piping systems shall be performed in strict accordance with the requirements of the LSPC, the manufacturer's installation instructions, and the stipulations contained in this document. In instances where there are conflicts between the requirements, the more stringent provisions shall prevail.

Please note the undersigned is the co-state "Plumbing Official", as that term is defined in the LSPC, and that the decision contained within this letter does not abdicate the user or installer's responsibility to obtain from the co-local "Plumbing Official" a similar approval for the use of this alternate material or method of construction.

Please ensure that copies of this letter are circulated to your staff and others as appropriate. Should questions arise, they should be directed to Mr. Jake Causey, P.E., Chief Engineer, Engineering Services Section, Center for Environmental Health Services, Office of Public Health. Mr. Causey may be reached at (225) 342-7499.

Very truly yours,


Jimmy Guidry, M.D.
State Health Officer

JG//JKC/JKH/jkh

cc: Jake Causey, Chief Engineer, Engineering Services Section, CEHS, OPH
Jeremy Harris, Engineer, Engineering Services Section, CEHS, OPH
District/Regional Engineers, Engineering Services Section, CEHS, OPH
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Sidney Becnel, Legislative Liaison & Rulemaking Manager, CEHS, OPH
State Plumbing Board of Louisiana c/o John Barker, Executive Director
State Licensing Board for Contractors c/o Michael McDuff, Executive Director
H. "Butch" Browning, Jr., State Fire Marshal, Office of the State Fire Marshal, Department of Public Safety and Corrections
Joe DeLaune, Architect, Chief Building Official, Building Official Plan Review Division, Office of the State Fire Marshal, Department of Public Safety and Corrections
Louisiana State Uniform Construction Code Council c/o Denise C. Jobe, Administrator, c/o Office of Management and Finance, Department of Public Safety and Corrections
Louisiana Professional Engineering and Land Surveying Board c/o Donna D. Sentell, Executive Secretary
Louisiana Engineering Society c/o Brenda Gajan, Executive Director
Louisiana Board of Architectural Examiners c/o Mary "Teeny" Simmons, Executive Director
AIA Louisiana c/o Lynn B. Robertson, Executive Director
American Society of Plumbing Engineers, New Orleans Chapter, c/o Ollie French
Local Plumbing Inspectors (from S. Becnel's Excel list)