PL-09-01-16

NEW HAMPSHIRE STATE BUILDING CODE

PROPOSED AMENDMENT FORM

Proposed amendment submitted by:

Name: Howard Guard

Date: 2/09/2016

Company /Organization: VizCO US, Inc.

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Applicable code: P2801 Applicable code section: 504.7 Required Pan

Select only one code: *IEBC-09* *IBC-09* *IRC-09* [*IPC-09*] *IMC-09* *IECC-09* *IEBC-09* *NEC-11 (NFPA 70)*

Current language (including section numbers and include prior adopted amendments):

Where water heaters or hot water storage tanks are installed in locations where leakage of the tanks or connections will cause damage, the tank or water heater shall be installed in a galvanized steel pan having a material thickness of not less than 0.0236" (No. 24 gauge), or other pans approved for such use. Listed pans shall comply with CSA LC3.

Check one: ___ Delete without substitution: ___ Add new section to read as follows:

___ Delete section and substitute the following: XX Revise section to read as follows:

~~Show Line through material to be deleted.~~ Underline material to be added.

Proposed code language:

Where water heaters or hot water storage tanks are installed in locations where leakage of the tanks or connections will cause damage, the tank or water heater shall be installed in a galvanized steel pan having a material thickness of not less than 0.0236" (No. 24 gauge), or other pans approved for such use. Listed pans shall comply with CSA LC3. Other approved pans include a plastic pan beneath a gas or electric water heater tank, constructed of a material having a flame spread index of 25 or less and a smoke spread index of 450 or less when tested in accordance with the ASTM E84 or UL 723 standards.

Reason / Justification:

*The CSA LC3 is a non-supported standard by the CSA and has been obsolete for awhile. They can no longer even test against that standard.

*Gas or electric water heater tanks have been manufactured for years with a zero clearance rating by the manufacturer. They do not require any clearance between the bottom of their gas tank and a flammable surface, so heat and flame are not an issue.

*The ICC board and membership have voted and approved the requested revision for the 2018 version of the IRC pan material requirements. We are still waiting for the final formal publication of the new codes as voted and adopted at the membership meeting in October of 2015.

Financial Analysis/Fiscal Impact of proposed amendment:

Plastic pans are a safe, less expensive, and more durable alternate material to galvanized steel or aluminum pans. They also meet the same intended use as metal pans, which is water collection. The costs are real savings in actual finished hard goods costs, as well as the soft cost of time spent handling dented, crushed and cracked metal pans. Time spent by both the distributor and contractors, costing the homeowner more money. Costs of this category will go down as savings are passed along the entire supply chain, without the sacrifice of public safety.

For Building Code Review Board Use:

Not approved: _____ Approved: X Approved with modifications: _____

Scheduled Hearing Date: 3-11-16 Exhibit #: PL-09-01-16

Chair's Signature: [signature] Date: 3-11-16

Printed Name: SHAWN G. BERGERON SR.