



February 13, 2014

Mr. Amit Gupta  
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Subject: Certification Category for Aerosol Sprayed Duct Sealant

This letter confirms discussions that we have had by phone and our meeting while attending the AHR Trade Show in late January.

The new certification category "Aerosol Duct Sealants" (category code ALKP) was established last year to cover aerosol duct sealants intended to seal minor leaks, holes and gaps within sheet-metal air ducts. These sealants have been investigated for all various characteristics including but not limited to the relevant test requirements in UL181A and B and requirements for duct closures and sealants, including surface burning, mold growth and humidity, erosion, interior duct burning, leakage reduction, and durability. These evaluations are carried out in accordance with our new requirements, UL 1381, "Outline of Investigation for Aerosol Duct Sealant".

The sealants under the evaluated by UL Outline 1381 are intended to be used for the purpose of additional sealing of seams and joints of sheet-metal air duct systems that are fabricated and installed in accordance with ANSI/SMACNA "HVAC Duct Construction Standards - Metal and Flexible." These requirements are limited to application in ducts with individual openings no greater than 5/8 in. diameter, and seam/joint openings no greater than 5/8 in. across. These sealants are not intended for use as a substitute or to supplement mechanical attachment in the sheet-metal duct systems. Aerosol duct sealants are intended to be applied by trained professionals and specifically in accordance with accompanying installation instructions.

Certification under this category is intended to provide AHJs a means to evaluate aerosol duct sealants with respect to model mechanical codes as an alternative to UL181A or UL181B specified methods or products.

Should you or anyone have any questions, please do not hesitate to contact me.

Very truly yours,

A handwritten signature in black ink that reads "Dwayne E. Sloan".

Dwayne E. Sloan  
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