Matt Blunt
Governor
State of Missouri

David T. Broeker, Director
DIVISION OF PROFESSIONAL REGISTRATION

Department of Insurance
Financial Institutions
and Professional Registration
Douglas M. Ommen, Director

MISSOURI BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS,
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Judy Kempker
Executive Director

May 10, 2007

Sean Douglas, Assistant Fire Chief
Warrensburg Fire Department
102 S. Holden
Warrensburg, MO 64093

RE: Board Rule 20 CSR 2030-21.010 – Design of Fire Suppression Systems

Dear Mr. Douglas:

Please be advised that the members of the Professional Engineering Division of the Missouri Board for Architects, Professional Engineers, Professional Land Surveyors and Landscape Architects have discussed your letter dated February 15, 2007 at their most recent meeting held on May 7, 2007. As a result of that discussion, I have been directed to respond as follows.

All automatic fire suppression systems installed in kitchen exhaust hoods for a "commercial" facility requires the design criteria and final approval of a Professional Engineer.

I hope you will find this information helpful and I ask that should you have any additional questions, you please let me know.

Very truly yours,

MISSOURI BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS,
PROFESSIONAL LAND SURVEYORS AND LANDSCAPE ARCHITECTS

BY: Ms. Judy Kempker
Executive Director

JK/

cc: Professional Engineering Division Members
James S. Anderson, Board Chair

Phil Johnston, Fire Chief
Sean Douglas, Assistant Chief

Warrensburg Fire Department
102 S. Holden
Warrensburg, MO 64093
(660)747-9136 (V/TTY)

www.warrensburg-mo.com

February 15, 2007

Judy Kempker, Executive Director
Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Landscape Architects
PO Box 184
3605 Missouri Boulevard
Jefferson City, MO 65102

Mrs. Kempker:

I am seeking clarification of the Board's rules and regulations regarding automatic fire suppression systems installed in kitchen exhaust hoods. The majority of the systems are factory designed and installed by a qualified individual to factory tolerances based on the conditions present at the installation site. I understand the need for a professional engineer to design a purely custom system, but I am still unclear regarding the standard systems installed.

4 CSR 30-21.010 (1) appears to require an licensed professional engineer to stamp plans prior to or after installation of an automatic fire suppression system installed in kitchen exhaust hoods due to the use of the term "and other suppression systems". A letter from your office dated December 22, 2006 reaffirms the Board's position that the design of fire suppression systems is engineering.

I have included the following web links to a few of the manufacturers to illustrate the types of systems I am asking about:

http://www.amerex-fire.com/kp_system.html
https://www.ansul.com/en/Products/kitchen_sys/kitchen_r102.asp
http://www.pyrochem.com/html/prodkitchen.html

I look forward to your response so that I can be sure that I am enforcing the regulations appropriately in my community. If you have any questions, please do not hesitate to contact me by phone at 747-9131.

Sincerely,

Sean Douglas, Assistant Fire Chief
Warrensburg Fire Department