



October 30, 2019

To: Local Authorities Having Jurisdiction and Flame Effect Operators

RE: Engineer's Report Regarding the Flame Effect Machines

On September 15, 2019, the Hurricane Giant Flame System manufactured by Hansol Global Corporation caught fire while on the field during a football game at Titans' Nissan Stadium. Fortunately, no one was injured during the incident. As a result, the State Fire Marshal's Office (SFMO) initiated an investigation into the cause of the fire. On October 22, 2019, the SFMO received the engineer's report, which follows for your review.

Moving forward, the SFMO will accept two methods to show compliance with state law and adopted codes. First, any applicant for a public display permit using a flame effect device may provide satisfactory information to the SFMO that the flame effect device meets the requirements of National Fire Protection Association (NFPA) 160, as adopted in Tenn. Comp. R. & Regs. 0780-02-21-.02, for the SFMO to issue a display permit. If you have questions concerning acceptable documentation, please contact Mary Beth Gribble at marybeth.gribble@tn.gov or 615-532-3272. Second, if the applicant cannot provide satisfactory information that the flame effect device meets the requirements of NFPA 160, the applicant may provide a letter from a qualified TN registered engineer certifying that the device is reasonably safe for the use stated in the permit application and not hazardous to property nor a danger to human lives. The SFMO will issue specific guidance regarding the minimum requirements for the engineer's review.

If the device does not meet the requirements of NFPA 160 as adopted by rule, and the applicant does not provide the certification letter from a qualified TN registered engineer, the SFMO will not approve the permit application that includes flame effect devices.

Please contact Mary Beth Gribble at marybeth.gribble@tn.gov or 615-532-3272 if you have any questions or if you need additional information.

Sincerely,

A handwritten signature in blue ink that reads "Gary Farley". The signature is written in a cursive, flowing style.

Gary Farley

Assistant Commissioner for Fire Prevention