

STATE OF WASHINGTON

STATE BUILDING CODE COUNCIL

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STATE BUILDING CODE INTERPRETATION NO. 08-08

CODE: 2006 International Fire Code

SECTION: 2206.7, Fuel-dispensing systems for flammable or combustible liquids.

QUESTION: The fire code requires that "electrical equipment, dispensers, hose,

nozzles and submersible or subsurface pumps used in fuel-dispensing systems" be listed. Fuel dispensing systems for E85 (85 per cent ethanol blend liquid fuel) do not have a current listing. Can a system that is not listed be accepted by the authority having jurisdiction?

ANSWER: Yes. Approval of equipment is at the discretion of the local

jurisdiction. Dispenser requirements for specifying E85 compatible equipment through the entire fuel path including hanging hardware have been available since 2007. These

requirements were established to address galvanic compatibility of the materials and to promote proper selection of all components in the fuel path. These requirements are necessary due to the unique

properties of high-percentage ethanol/gasoline blends. The manufacturer is responsible to establish a compatible dispenser product using these requirements (UL Subject 87A). When a listed system is available, prior approved equipment or components

must be upgraded.

SUPERSEDES: None

REQUESTED BY: City of Kent