



Quong
& ASSOCIATES INC.

May 8, 2023

National Conference on Weights and Measures
Laws and Regulations (L&R) Committee

Re: FLR-23.3

Dear NCWM L&R Committee:

I appreciate and understand the feedback from the committee and members regarding their concern about the possible problems from citing two standards. SAE J2719 and ISO 14687 work together to coordinate their updates. So, after one document is published, work on the other begins which includes harmonization and new proposals. Some of these new proposals can relax the impurity requirements because the damage caused by the contaminants are not as severe as originally thought. While other changes make the impurity requirements more stringent to further protect the vehicle from damage. Therefore, it is difficult to select a single standard to use in the NIST handbook.

In order to ensure that the hydrogen dispensed protects the consumer while providing them with the most cost-effective fuel, I recommend using the standard with the most recent publication date. This will ensure that only one standard be used at a time.

FLR-23.3

2.20. Hydrogen Fuel. – Shall meet ~~the latest version of~~ SAE J2719, “Hydrogen Fuel Quality for Fuel Cell Vehicles.” or ISO14687 Grade (D) “Hydrogen fuel quality – Product specification”, ***whichever has the most recent publication date.***
(Added 2012) (Amended 20XX)

I welcome further feedback, and please contact me with any questions.

Sincerely,

Spencer Quong