



ISO/TC 197  
Hydrogen technologies

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# SAE Standards

# HYDROGEN FUEL QUALITY

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# SAE Standards

## HYDROGEN FUEL QUALITY

- SAE has been developing standards on hydrogen fuel quality for Fuel Cell Vehicles (FCVs) for over 13 years.
  - SAE J2719 was first published as a Technical Information Report (TIR) in 2005 and revised in 2008.
  - Upgraded and published as a Standard in 2011 and reaffirmed in 2016.
- SAE J2719 was based on --
  - Contamination tests of subscale fuel cells projected to full scale vehicular systems.
  - Experiences in the field during FCV demonstrations.
- SAE J2719 references ASTMs for test methods to measure levels of contamination.
  - Tests for all contaminants exist except for halogenated compounds.
- SAE FCV Committee is open changes that can be supported by data and analyses.