



Videos



Permitting Hydrogen Fueling Stations Part One



Permitting Hydrogen Fueling Stations Part Two: Planning and Building Considerations



Permitting Hydrogen Fueling Stations Part Three: Fire Department Regulations



Permitting Hydrogen Fueling Stations Part Four: Annual Inspections



Electrolyzer and Fuel Cell Demo

Two fellows from the Fuel Cell Technologies Office show off an electrolyzer and fuel cell demonstration to show how hydrogen and fuel cell technologies work.



Air Liquide Hydrogen Station Introduction Video

This is a hydrogen station introduction video developed in Oct 2016 in response to a request from the Fire Department of New York (FDNY). This video supports the...



Fueled by Oil Creek

Hydrogen is all around us. Even in the birthplace of America’s oil industry. The Toyota Mirai is powered by hydrogen, which can be sourced from nearly anywhere.



H2 Infomercial

H2Tools is a portal of resources for the advancement of hydrogen safety.



Maritime Fuel Cell Project and Hydrogen Safety Training

Operational Overview and Hydrogen Safety Training when dealing with a containerized fuel cell generator, used to power shipping containers for climate control during...



Hydrogen Propane Flame Comparison

Hydrogen verses propane flame comparison, and differences in precautions that should be taken in each case, of a propane verses a hydrogen flame environment.



Energy Secretary Moniz drives the Toyota Mirai

Energy Secretary Ernest Moniz takes a spin in the Toyota Mirai, the first fuel cell electric vehicle available for sale. In Japanese its name means "future," and Toyota...



Hydrogen and Fuel Cell First Responder Training Resources Webinar

The Energy Department's Fuel Cell Technologies Office (FCTO) announced the launch of a new, free, online national hydrogen safety training resource for emergency...



Filling a Hydrogen Fuel Tank Animation

For hydrogen fuelling stations, Linde has developed a 5-stage ionic compressor. The pistons of the machine move up and down hydraulically. On the top of the pistons...



Characteristics of Hydrogen

This video explains some of hydrogen's unique properties and compares hydrogen and propane flames.



H₂ Tools is intended for public use. It was built, and is maintained, by the Pacific Northwest National Laboratory with funding from the DOE Office of Energy Efficiency and Renewable Energy's Fuel Cell Technologies Office.

