

## HYDROGEN MITIGATION CATALYST

With hydrogen's role as a non-greenhouse gas contributing fuel growing ever larger, the question of how to control both excess and fugitive hydrogen emissions is asked.

At our disposal is a family of catalyst formulations that utilize the hydrogen in a reaction with oxygen to form harmless water vapor. The catalysts have high levels of reactivity at the lowest temperatures possible. These formulations can be coated on a variety of substrate supports such as:

- Metal Foil
- Woven Wire Cloth
- Knitted Wire Forms
- Micro-Expanded Metal
- Ceramic Monoliths
- Ceramic Pellets



**Whether your source of hydrogen is from a well-known process or a cutting edge development, Catalytic Combustion has the technology and products to help you mitigate those emissions.**

**Catalytic Combustion's technology can be utilized to mitigate the hydrogen emissions from many sources including:**

- Engine or turbine exhaust from blended natural gas and hydrogen fuel
- Residual hydrogen emissions from a fuel cell
- Electrolytic hydrogen generation process
- Gas reforming process
- Fugitive emissions from the charging of lead-acid batteries

**Contact us today!**