



**Emcara Gas Development Inc.  
Safety Technology for  
Alternative Fuel Systems**

We specialize in Long  
Trigger thermally activated  
Pressure Relief Devices,  
related products and  
consulting services  
for CNG and Hydrogen  
fueling systems and  
bulk haul systems.



**[www.emcara.com](http://www.emcara.com)**



## Emcara 2<sup>ND</sup> Generation Long Trigger Thermal PRD's

CNG and Hydrogen systems

Detects localized fire anywhere along the length of the PRD trigger

Vents contents when exposed to fire or heat

Can be interconnected for wide area protection or higher flow

**New!** Emcara stainless steel PRD now certified and available



## Emcara Balanced Actuator Valve (BAV)

Remote valve; provides high venting flow rates for large tanks

Vent multiple tanks simultaneously through BAV

Triggered by any one of multiple PRDs, while preventing cross-flow between tanks

Stainless steel



## Emcara Vent Caps

Prevent water, foreign materials and ice formation in vent line and PRD

Ice and water damage in vent lines are the most common causes of PRD failure

Stainless steel - resistant to environmental elements



## Consulting Engineering

20 years of alternative fuel industry experience

CNG and Hydrogen system design and analysis

Custom component design and manufacture

**We can make your system safer, contact us now!**

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