



Complete safety of the production and utilization of hydroxy gas and solanol production

The kilojoule value of hydroxy gas per litre equates to 10.79kJ. The amount of hydroxy gas at 414 kPa in the output tubes and scrubbers per 10 hydroxy tube generator module, is only 30 litres which equates to only 324 kJ in the system at any one time, which means if fully detonated the containment of the explosion can easily be managed with current technology.

Additionally, as advised by Macquarie University self-compressed hydroxy gas at 414kPa is relatively stable, safe mixture in small quantities.

Specifically, current steel tube containment technologies and for the modular containment of the detonated hydroxy gas, current welding technology sintered stainless steel back flash arresters accompanied with heat sensors and solenoid complete volume output shutdown of hydroxy gas protecting all other connected tube generator modules.

[Energy density - Wikipedia, the free encyclopedia](#)

The current technology of eliminating static electricity is complete grounding of the hydroxy tube generator module, which was successfully tested at Macquarie University and all static electricity was eliminated, which was proven by the fact that the hydroxy tube generator thoroughly tested over 34 days 24/7 had no detonations caused by static electricity in any way whatsoever.

The modulisation of the hydroxy tube generator configuration currently surmised is 10 hydroxy gas tube generators connected to one hydroxy tube scrubber which is isolated from all other 10 hydroxy tube generator modules via current technology back flash arresters which consist of sintered stainless steel accompanied with heat sensors and a complete shutdown of output compartmentised hydroxy gas mechanism.

The explosion proof nature in the inherent design feature which makes up the hydroxy tube generator modules will be thoroughly tested to acceptable parameters by an Australian test safe authority and will issue a report under recognized international standards which will make this modular configuration the safest and most reliable hydroxy production in the world. See link [TestSafe |](#)