

Empire Hydrogen Improves Constant Current Circuitry

August 8, 2018: Sidney, BC: Empire Hydrogen is pleased to announce the development of a new **constant current** circuit board, offering major improvements over previous versions:

1. Constant current ensures that the electrical current flowing through the distilled water/electrolyte mixture remains at the precise, required level as distilled water is used up in normal operation (about 1 litre per 12 hour driving shift). With the previous version, electrical current increased as the water level fell and KOH concentration increased. The new board ensures a consistent level of hydrogen/oxygen accelerant gas production throughout the day.
2. Constant current also ensures that electrical current remains at the precise required level, regardless of the current flowing from the engine alternator. Different alternator models and ages are known to supply varying levels of current. The new board compensates for these variances.
3. The board can operate using either 12 Volt (common in North America) or 24 Volt (common in Europe) power supplies.
4. Digital readouts on the new circuit board provide users with immediate operational information, critical for system troubleshooting.
5. The operator will be notified of low KOH levels through a flashing light.
6. Empire's Fuel Enhancement System will shut down in the event of a low truck battery level, ensuring that the truck can be started.



The important features of Empire's Constant Current Circuitry are already patent pending under our 2016 patent application. The new board brings these to the market in a practical form.

Investors interested in more information and our current activities should contact Sven Tjelta or Andrew Evans directly at 778-426-0911. We will be releasing further test results as they come available.