

LUXURY LODGE PARK OPTS FOR QUALITY SOLUTION.

Cambrian Gas has been awarded the contract to manage and supply LPG to the prestigious Herons Lake retreat in Caerwys, North Wales. The contract includes a full telemetry monitoring system on automatic changeovers. ITO Europe are supplying the market leading TAX 10 OPSO changeover working off Camgas Propane Cylinders and this will monitor the installations via Silicon Controls Gaslog.

Heron's Lake's Operations Manager, John Roberts was delighted by the prospect, highlighting advantage after advantage to the company with a reduction in cylinder stock, man hours and emergency call-outs amongst the many, "in short it's one less job for my guys to do on an exceptionally busy park Camgas do it all'.

For Cambrian Gas it allows improved logistics from stock management, planned economical deliveries, delivery time reduction and higher levels of customer service and satisfaction reducing customer run-outs to practically zero.

The TAX10 OPSO is manufactured by ITO, manufacturers of over 10,156,000 automatic changeovers (September 2017 figures) the changeover signal incorporates magnets which means that only one signal will be sent at changeover, there will be no false signals which is imperative in remote telemetry. With most of the lodges utilizing LPG for heating, cooking, hot water plus hot tubs the TAX10 with a capacity of 10 kg/h is highly suited for the job.

The Silicon Gaslog has an integrated cable and connector to the TAX10 so no wiring tools are required, it is basically 'plug & play' and gives exceptional geographical coverage – even a woodland hillside, currently offering a 10 Year Battery Life with zero maintenance and with ATEX Zone Zero Certification it can also be fitted on tank installations.

For more information <http://www.ito-europe.com/products-2/automatic-changeovers/>



USE OF THE ITO PA4 SYNTHETIC NATURAL GAS (PROPANE-AIR MIXTURE) IN HOTEL IN OPORTO.

Early in October of 2017, the **Hotel Vila Galé Porto Ribeira**, located in Oporto, Portugal was set to be inaugurated. However, the fact that the hotel was built in an historical part of the city led to a delay in the connection to the natural gas main due to some bureaucracy and archaeological

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procedures that needed to be performed. That delay could have compromised the inauguration of the hotel and tens of customer reservations would have been cancelled, causing loss in revenue and upsetting customers.

Fortunately, all the tests to the gas installation, water heating system and the first days of soft opening were possible due to the use of the PA4 system that was producing SNG from a 45kg cylinder of propane.



The PA4 worked for 17 hours and 30 minutes providing the Hotel it the “Natural Gas” needed to properly rehearse its installation and be ready to be inaugurated in time.

The PA4 is a Synthetic Natural Gas (SNG) Generator which mixes propane and air to produce a matched gas, matched to the local NG supply, using no electricity whatsoever. Totally portable, totally self-contained in a range of capacities from 4 m3/hr to 90 m3/hr. For more information visit <http://www.ito-europe.com/products-2/pa-system/>

DISASTER PREVENTION AND ASSISTANCE IN ACTION.

On 18 June 2018, an earthquake measuring 5.5 Mw on the moment magnitude scale struck in Osaka Prefecture, Japan. The human cost was 4 dead & 434 injured. Many still remember the other great earthquake in the area in 1995 which claimed 6,434 & the 2011 East Japan earthquake & tsunami in which 15,896 deaths were confirmed & 2,539 still missing. Japan is constantly re-developing its regulations & infrastructure to mitigate disaster damage both to human life & buildings.

Shaking from the June earthquake was felt strongly in and around metropolitan areas of Osaka and Kyoto, temporarily disrupting electrical & gas service to 170,000 homes & buildings. The natural gas

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grid in the affected area was managed by Osaka Gas & 111,951 homes were subject to emergency shut-off.

Many installations in buildings & industrial areas as well as some domestic estates were automatically shut down as the quake hit utilizing the ITO earthquake shut off system as required by Japanese law. This system shuts down gas supply lines using no electricity just the pressure in the supply line & a precisely calculated detection system. These thereby secure safety to many areas from secondary disaster.

ITO also supplied the PA Mixer, SNG Generator to at least 21 sites through Osaka Gas (many more already installed in pre-planned emergency centres) These ensured that many mainly important buildings such as central hospitals started their temporary supplies as soon as it the quake hit Osaka & gas supplies cut.

Following the earthquake terrible downpours have hit western Japan & unfortunately, these have killed more people than the earthquake with 225 dead & 13 still missing. ITO have provided a safety system for gas cylinders in case of flooding. The TIH Tensile Trigger hoses cut off automatically if cylinders are swept away or fall over; which prevents large gas leaks from causing further issues.

For more information on this: <http://www.ito-europe.com/products-2/earthquake-shut-off-systems/>

<http://www.ito-europe.com/products-2/pa-system/>

<https://youtu.be/tRKCvprW8qI>

WINTER OLYMPICS - 2018

Korea ITO Co Limited the South Korean subsidiary of the ITO Corporation were delighted to be a partner in making the 2018 Winter Olympic and Paralympic Games in PyeongChang a success. The company was involved in many of the Gas Installations on site including providing the system to ensure the Olympic Flame did not go out:



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The company also supplied a 4.9 Tonne System to the Phoenix Park Arena and a 200 kg Tank for the Alpensia Biathlon centre:



The Athletes Village, International Broadcast Centre and Media Centre depended upon 2.9 Tonne systems whilst the main Ice Hockey Centre was supplied by the ITO 4.9 Tonne system.



The ITO Corporation originated in 1953 initially producing LPG regulators & then progressing to Natural Gas governors. ITO is one of the leading suppliers into the Japanese Gas Market supplying the largest gas companies such as Tokyo Gas & Osaka Gas.

We manufacture regulators, governors, tanks, vaporizers both electrical and the ecoRizer (ambient temperature unit) the PA System which generates SNG using just LPG and air. We are market leaders in Japan in Earthquake detection cut-off systems and one of the largest manufacturers of Automatic Changeovers with and without telemetry systems worldwide.

ITO have a global presence and have factories and subsidiaries in Korea, China, Vietnam and Europe. For more information please visit our web sites:

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