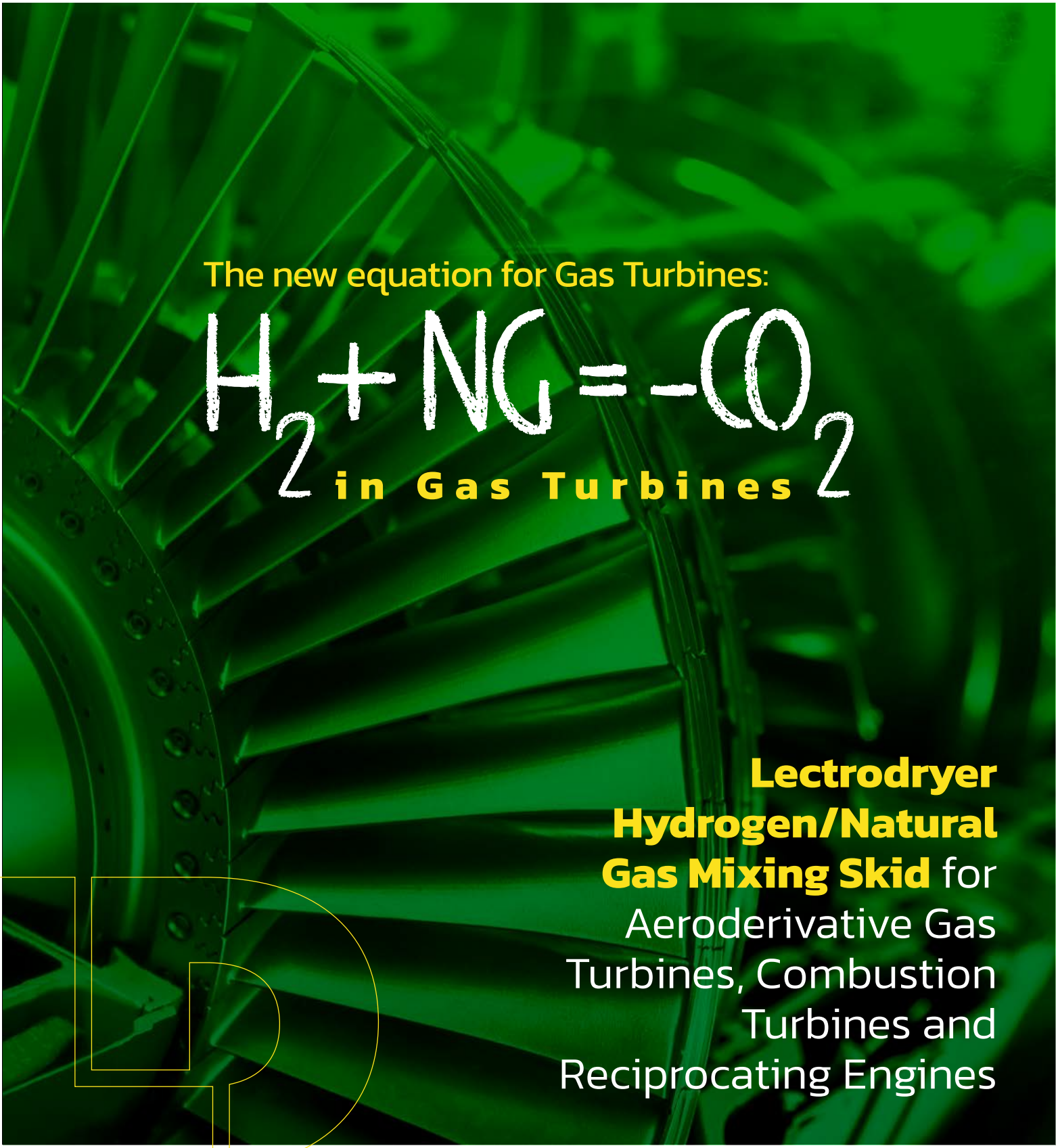
Engineered and manufactured gas and liquid process solutions

LECTRODRYER

Adsorption technology experts since 1932



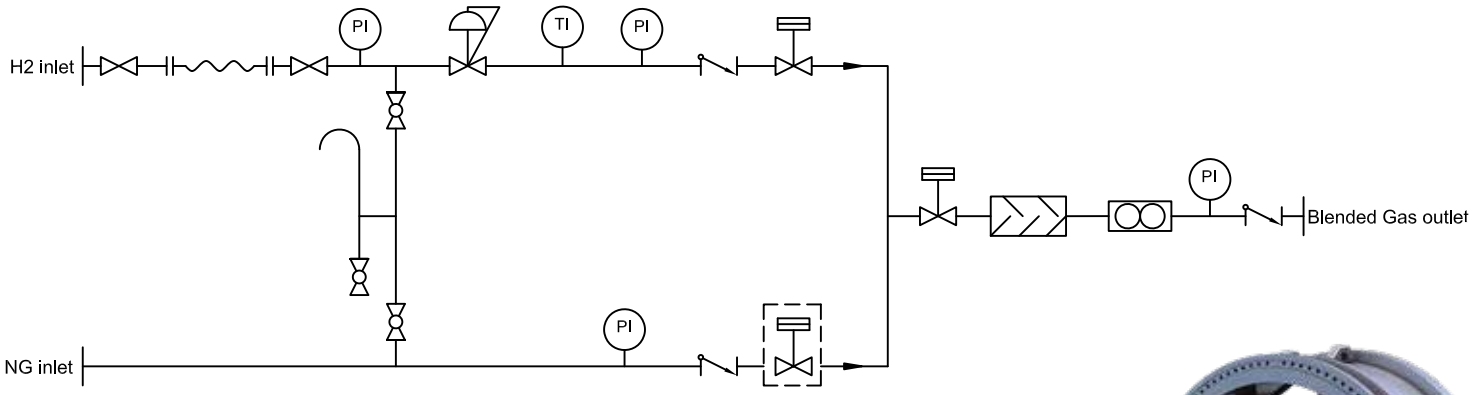
Lectrodryer Hydrogen/Natural Gas Mixing Skid for Aeroderivative Gas Turbines, Combustion Turbines and Reciprocating Engines

Recent power generation has used hydrogen/natural gas mixture as a fuel to reduce carbon dioxide emissions

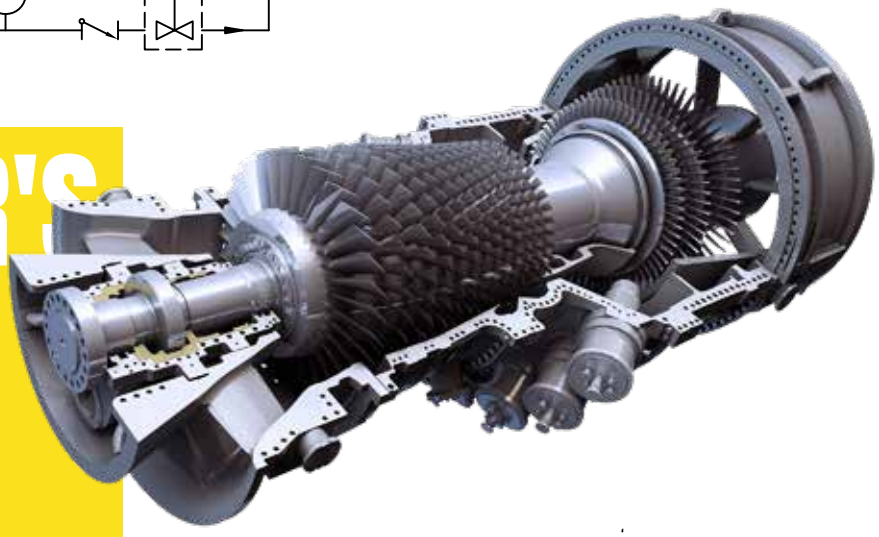
The Lectrodryer Gas Mixing Skid is designed to blend hydrogen and natural gas into a homogeneous mix to be used as a fuel. It is engineered to work with different mixing percentages, temperatures, pressures, and flows. The unit is suitable for a Class I, Division 2, Group B environment and it complies with all applicable codes including ASME B31.12. It is also designed to have a minimum pressure drop.

The standard unit features pressure relief valves, vent valves, pressure and temperature indicators, flow control valves and a helical static mixer. Piping is 304SS and has flanged connections suitable for the design conditions. Valves are pneumatically actuated. The system can be controlled by power plant DCS or local control panel with communication connections.

The Gas Mixing Skid is designed to USA standards. Systems that would be installed in other countries would require additional engineering.



LECTRODRYER'S GAS MIXING SKIDS



ASME SETTING THE STANDARD

ISO 9001:2015

Brochure Rev. 0

CAGI Compressed Air & Gas Institute

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