

Air Liquide Opens Oguchi Hydrogen Station

Air Liquide Japan Ltd. is opening a hydrogen station in Oguchi in Aichi Prefecture. Oguchi is located in the northwestern part of Aichi prefecture, a convenient place where numerous trunk roads run close by. The station will commence operation from May 25th, and frequent use by the residents and companies in the broader Chubu Area is expected.

The Oguchi Hydrogen Station is the second Air Liquide station deployed in the frame of the Japan Hydrogen Mobility (JHyM) national consortium, following the station opened in Gamagori on April 28, 2019, and the fourth within the Aichi prefecture (including the two stations already in operation at Nagoya Atsuta and Toyota Interchange Hydrogen Stations). Aichi prefecture has the largest number of registered fuel cell vehicle drivers in Japan- over 1,000 as of present- and frequent use by these drivers is expected.

Oguchi is located north of Nagoya, and close to the Komaki Interchange. Route 41 crosses through Oguchi, while the Tokai Hokuriku Expressway runs on the western side of the town. The new station has good access from the Meishin Highway, Tomei Highway and Chuo Highway.

Gamagori Hydrogen Station has been installed with an Air Liquide-designed packaged system that combines a compressor and hydrogen storage. In applying this system, Air Liquide can build new station in a very limited time frame at a very efficient cost.

Air Liquide's commitment to hydrogen energy

In the past 50 years, Air Liquide has developed unique expertise enabling it to master the entire hydrogen supply chain, from production and storage to distribution and the development of applications for end users, thus contributing to the widespread use of hydrogen as a clean energy source, for mobility in particular. Air Liquide has designed and installed more than 120 stations around the world to date. Hydrogen is an alternative to meet the challenge of clean transportation and thus contributes to the improvement of air quality. Used in a fuel cell, hydrogen combines with oxygen in the air to produce electricity, emitting only water. It does not generate any pollution at the point of use: zero greenhouse gases, zero particles and zero noise. Hydrogen provides a concrete response to the challenges posed by sustainable mobility and local pollution in urban areas.

Air Liquide Japan

Air Liquide Japan ("ALJ") was established in 1907, and has been contributing to the development of Japanese industries for over a decade. With a workforce of 2,000 employees, ALJ supplies nitrogen and oxygen to companies in electronics and other industrial fields and are at the service of our clients in problem solving and joint research. ALJ is also a leader in developing and providing new medical treatment devices and solutions using IoT, and continues to serve health care providers and patients. In addition to supplying gas for use in hospitals, ALJ focuses on the home healthcare field. Air Liquide Group has developed the hydrogen supply chain, and has installed more than 120 hydrogen stations around the world. In addition to building stations in Japan, ALJ's goal is to become a leading company that encompasses the entire hydrogen energy value chain in Japan. ALJ will continue to contribute toward the development of our customers and society at large, through providing innovative solutions with our industry-leading innovations and technologies at its core.

CONTACTS

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A world leader in gases, technologies and services for Industry and Health, Air Liquide is present in 80 countries with approximately 66,000 employees and serves more than 3.6 million customers and patients. Oxygen, nitrogen and hydrogen are essential small molecules for life, matter and energy. They embody Air Liquide's scientific territory and have been at the core of the company's activities since its creation in 1902.

Air Liquide's ambition is to be a leader in its industry, deliver long term performance and contribute to sustainability. The company's customer-centric transformation strategy aims at profitable growth over the long term. It relies on operational excellence, selective investments, open innovation and a network organization implemented by the Group worldwide. Through the commitment and inventiveness of its people, Air Liquide leverages energy and environment transition, changes in healthcare and digitization, and delivers greater value to all its stakeholders.

Air Liquide's revenue amounted to 21 billion euros in 2018 and its solutions that protect life and the environment represented more than 40% of sales. Air Liquide is listed on the Euronext Paris stock exchange (compartment A) and belongs to the CAC 40, EURO STOXX 50 and FTSE4Good indexes.

Attachment



Air Liquide Oguchi Hydrogen Station:

Name	Air Liquide Oguchi Hydrogen Station
Location	3-317 Koguchi Oguchi-cho, Niwa-gun, Aichi Prefecture
Site area	1,090m ²
H ₂ supply method	off-site
H ₂ supply capacity	more than 300 Nm ³ /h
Filling pressure	82 MPa
Refueling time	approx. 3 minutes
Opening hours	11: 30-19: 00 (closed on Tuesdays and Wednesdays)