

Belgium: Air Liquide renovates hydrogen station in Zaventem

The station includes new filling curves, an infrared communication system, and upgraded cooling capacity.



Air Liquide has completed a major revamp at its hydrogen filling station located in Zaventem, Belgium, with new filling curves, an infrared communication system, and upgraded cooling capacity, reports H2 View.

New curves will allow most recent hydrogen vehicles to refuel at the site in accordance with current regulations in place. The infrared communication system will help determine which vehicle is at the pump, as well as the contents, pressure and temperature in the tank.

“The cooling capacity of the gas station has also changed,” explains Diederick Luijten, Vice-President Hydrogen Energy NWE & CIS Countries at Air Liquide. “This allows us to fill vehicles with controlled cooled hydrogen, which speeds up the filling process. Finally, this technique also has the particularity of consuming much less electricity, which is better for the environment.”

The station will in the coming weeks connect to the European Hydrogen Refuelling Station Availability System (E-HRS-AS), a European project dedicated to raise the online visibility of hydrogen stations.