

Press release
1 June 2011

Kiwa recognised by the RDW as a test centre for the new guideline on hydrogen-powered vehicles (R79/2009).

Kiwa has been recognised by the Road Transport Directorate (RDW), the Dutch authority for vehicle approval, for testing components to be used in hydrogen-powered vehicles. The RDW will certify components for these vehicles on the basis of Kiwa test reports and give them a so-called E4 or e4 certificate, which is valid throughout the European Union.

Kiwa has been active in testing widely ranging components for use in CNG, LNG and LPG systems for a long time. This testing work is carried out in accordance with, among other things, European Automotive Guidelines 10, 67, 110 and 115, which are used as a basis for certification by the RDW. The use of hydrogen as fuel for vehicles has recently been receiving increasing interest. The hydrogen is converted into electricity in a fuel cell. The electricity the cell generates is subsequently used to power an electromotor. With this system, there are no emissions of harmful gases and a high level of efficiency is achieved.

Because of the types of tests that have to be carried out, facilities were required in which components for hydrogen-powered vehicles could be subjected to sustained trials under extreme conditions. Kiwa will build a unique centre for this purpose, where control and safety components can be tested up to pressures of 1100 bar hydrogen at temperatures ranging from -50 to +120 degrees Celsius. The centre is expected to become operational in August this year.

Kiwa N.V.

Kiwa is an internationally operating quality authority that continually strives to improve processes, products, personnel and organisations. We do this by offering our customers certification schemes, training courses, inspection, research and our technological expertise. The Business Sector Energy Using Products (EuP) focuses on services related to testing and certifying products and related components that consume or produce energy, for example, gas appliances, electrical appliances and their components, as well as photovoltaic (PV) systems and heat pumps.

Note for editors/not for publication

For more information, please contact:

Kiwa Nederland BV
Paul Dijkhof
Tel.: +31 55 5 393 228
E-mail: paul.dijkhof@kiwa.nl