

Hydrogen Generation Market based on By Type (On-site and Portable), By Technology (Steam Methane Reforming, Water Electrolysis, Partial Oil Oxidation, and Coal Gasification), By Application (Ammonia Production, Petroleum Refinery, Methanol Production, Transportation, Power Generation, and Others),Regional Outlook– Global Forecast up to 2030

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Abstracts

Hydrogen is essential in the chemical and oil and gas industries. Blue hydrogen, grey hydrogen, and green hydrogen are the three forms of hydrogen collected from diverse procedures. Grey hydrogen is hydrogen produced from fossil fuel resources without the use of a carbon capture and storage technology. Furthermore, as a byproduct, this sort of hydrogen emits carbon dioxide into the atmosphere.

Blue hydrogen is an industry name for natural gas-produced hydrogen that is backed by carbon capture and storage. The CO₂ produced during the production process is caught and permanently stored below. As a consequence, low-carbon hydrogen is produced that emits no CO₂. Blue hydrogen is frequently promoted as a low-carbon fuel for generating electricity and storing energy, as well as for powering automobiles, trucks, and trains and heating buildings.

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