

Global Industrial By-product Hydrogen Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Industrial By-product Hydrogen market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Industrial by-product hydrogen production refers to a hydrogen production method that uses hydrogen-rich industrial tail gas (such as chlor-alkali tail gas, coke oven gas, etc.) as raw material, and separates and purifies the hydrogen through pressure swing adsorption and other technologies. This situation usually occurs in some industrial processes where hydrogen is inevitably generated and can be efficiently recovered and utilized.

This report studies the global Industrial By-product Hydrogen production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Industrial By-product Hydrogen, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Industrial By-product Hydrogen that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Industrial By-product Hydrogen total production and demand, 2018-2029, (Tons)

Global Industrial By-product Hydrogen total production value, 2018-2029, (USD Million)

Global Industrial By-product Hydrogen production by region & country, production,

value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Industrial By-product Hydrogen consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Industrial By-product Hydrogen domestic production, consumption, key domestic manufacturers and share

Global Industrial By-product Hydrogen production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Industrial By-product Hydrogen production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Industrial By-product Hydrogen production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons).

This reports profiles key players in the global Industrial By-product Hydrogen market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include China Petrochemical Corporation, Air Liquide, Linde, Praxair, Hydrogenics, Japan Gas, Oriental Energy Co., Ltd., Grand Resource Co., Ltd. and Guangxi Iron and Steel Group Co., Ltd., etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Industrial By-product Hydrogen market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Industrial By-product Hydrogen Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Industrial By-product Hydrogen Market, Segmentation by Type

Coke Oven Gas By-product Hydrogen

Chlor-alkali By-product Hydrogen

Propane Dehydrogenation By-product Hydrogen

Hydrogen produced by ethane cracking

Global Industrial By-product Hydrogen Market, Segmentation by Application

Energy Production

Petrochemical

Aerospace

Food Processing

Others

Companies Profiled:

China Petrochemical Corporation

Air Liquide

Linde

Praxair

Hydrogenics

Japan Gas

Oriental Energy Co., Ltd.

Grand Resource Co., Ltd.

Guangxi Iron and Steel Group Co., Ltd.

Satellite Chemical Co., Ltd.

Xinpu Chemical Industrial (Taixing) Co., Ltd.

Hanwha TotalEnergies Petrochemical

Shanxi Meijin Energy Co.,Ltd.

Henan Silane Technology Development Co.,LTD.

Shanghai Chlor-alkali Chemical Co.,Ltd.

Guangdong Baohydrogen Technology Co., Ltd.

Key Questions Answered

1. How big is the global Industrial By-product Hydrogen market?
2. What is the demand of the global Industrial By-product Hydrogen market?
3. What is the year over year growth of the global Industrial By-product Hydrogen market?
4. What is the production and production value of the global Industrial By-product Hydrogen market?
5. Who are the key producers in the global Industrial By-product Hydrogen market?

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