

India Specialty Gases Market, By Type (Noble Gases, High Purity Gases, Hydrocarbon Gases, Halogen Gases, and Others), By Application (Energy & Power, Metal & Mining, Healthcare, Analytical & Calibration, Automotive, and Others), By Distribution (Packaged and Bulk), By Region, Competition Forecast and Opportunities, 2028

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Abstracts

India Specialty Gases Market is anticipated to increase at an impressive rate in the forecast period 2028 due to the increasing demand from the construction industry. In fiscal year 2020, the real gross value added in the construction industry across India increased by around 1.3 percent.

Specialty gases include calibration gases, zero gases, and bump test gases. They can be pure gases or gas mixtures with concentrations ranging from % to ppb. Specialty gases are also utilized in analytical procedures such as gas and liquid chromatography, Fourier transforms infrared (FTIR), and non-dispersive infrared (NDIR). With specialty gases, proper specialist equipment, such as specific pressure regulators and distribution systems, is always used to ensure the quality grade of the gas without compromising contact with substandard components. The higher the gas quality grade, the higher the equipment quality.

Products from the worldwide specialty gas market are used in the electronics industry to produce components such as silicon wafers and integrated circuits (ICs). They are also employed in manufacturing flat panel displays and compound semiconductors. Rising demand for complicated and additional semiconductors is expected to drive growth in the worldwide specialized gas market in the coming years. Rising applicability rates,

particularly in manufacturing, health care, and electronics, are likely to drive growth prospects in the worldwide specialized gas market in the coming years. Because of the expanding usage of high-quality noble gases in various medical processes, it is projected that products in the India specialized gas market will earn increased demand from healthcare applications. All these factors are fueling the growth of the market.

Growing Use in Healthcare Industry

Specialty gas's role in medical processes and systems cannot be underestimated. Medical gases and customized gas mixes are utilized in several medical activities, such as patient care, pathology, and research. Furthermore, enterprises play a significant role in the supply of specialty gases to the healthcare industry. In addition, the GCE Druva product line is focused on high-purity and specialty gases utilized in manufacturing operations. Analytical laboratories, semiconductors, autos, petrochemicals, and other high-tech sectors are among the products. The GCE cylinder valves product line includes standard valves, residual pressure valves (RPV), industrial and medical valve integrated pressure regulators (VIPR), stainless steel specialty gas valves, medical valves, dip tubes, and guards.

Growing Demand from End-User Industries

Growing demand for specialized applications such as photovoltaic cells and global plasma display panels bodes well for the industry's future. Growing healthcare industries are being supported in regions with a significant aging population to further boost worldwide economic development and growth in the technical gas market. Major infrastructure development projects in rising economies such as India provide several opportunities for industry participants. Furthermore, rapid technological improvements and product innovations are projected to boost the growth of the technical gas market. Because of rising demand in the region, rapid advances in the electronics and automotive industries are expected to create considerable potential for the specialty gas business.

Market Segmentation

India specialty gases market is segmented based on Type, Application, and Distribution. Based on Type, the market is divided into Noble Gases, High Purity Gases, Hydrocarbon Gases, Halogen Gases, and Others. Based on Application, the market is divided into Energy & Power, Metal & Mining, Healthcare, Analytical & Calibration, Automotive, and Others. Based on Distribution, the market is bifurcated into Packaged

and Bulk.

Market Players

Air Liquide S.A., Messer Group GmbH, Showa Denko K.K., Linde plc, Air Products and Chemicals, Inc., Gasco Precision Calibration Mixtures, MESA Specialty Gases & Equipment, Norco Inc., Southern Industrial Gas Sdn Bhd, and Mitsui Chemicals Inc. are some of the key players operating in the India Specialty Gases Market.

Report Scope:

In this report, India Specialty Gases Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

India Specialty Gases Market, By Type:

Noble Gases

High Purity Gases

Hydrocarbon Gases

Halogen Gases

Others

India Specialty Gases Market, By Application:

Energy & Power

Metal & Mining

Healthcare

Analytical & Calibration

Automotive

Others

India Specialty Gases Market, By Distribution:

Packaged

Bulk

India Specialty Gases Market, By Region:

North

South

West

East

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in India Specialty Gases Market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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