

# **Industrial Gases- Metals & Metal Fabrication Market By Type (Oxygen, Nitrogen, Hydrogen, Others), by Function (Metal Manufacturing, Fabrication), by Storage (Cylinder, Merchant Liquid, Tonnage), by End- use (Metal, Automotive, Aerospace, Others) - Forecast to 2020**

<https://marketpublishers.com/r/I4B52305D99EN.html>

Date: January 2016

Pages: 272

Price: US\$ 5,650.00 (Single User License)

ID: I4B52305D99EN

## **Abstracts**

“Growing metal, shipping, and automotive industries to drive the market for industrial gases in metals & metal fabrication market”

The global market for industrial gases in metals & metal fabrication will grow from USD 33.24 billion in 2014 to reach USD 47.06 billion by 2020, at a projected CAGR of 6.07%. The market for industrial gases in the metals & metal industry is driven by increasing demand for metals, rapid industrialization in emerging economies, and growing consumption level in industries such as automotive.

“Oxygen projected to grow during the forecast period.”

In terms of volume, oxygen is projected to be the fastest-growing industrial gas in the metals & metal fabrication market in the next five years. Oxygen is widely used in metals & metal fabrication industry for several functions such as metal manufacturing and metal cutting & welding.

“Asia-Pacific region to dominate the market for industrial gases in metals & metal fabrication”

The market is segmented into North America, Europe, Asia-Pacific, and the Rest of

World (RoW). The Asia-Pacific region held the largest share among all the regions in 2014. This is mainly due to rapid industrialization in the emerging economies such as China, South Korea, and India.

The industrial gases in metals & metal fabrication market is marked with intense competition due to the presence of a large number of both big and small firms. New product launches, mergers & acquisitions, and partnerships & expansions are the key strategies adopted by market players to ensure their growth in the market.

The key players in the market considered in the report are:

Praxair, Inc. (U.S.)

Airgas, Inc. (U.S.)

Air Liquide S.A. (France)

Air Products and Chemicals, Inc. (U.S.)

Iwatani Corporation (Japan)

Messer Group (Germany)

The Linde Group (U.S.)

nexAir LLC (U.S.)

Taiyo Nippon Sanso Corporation (Japan)

Southern industrial Gas Sdn. Bhd. (Malaysia)

The report will help the market leaders/new entrants in this market in the following ways:

1. This report segments the industrial gases in metals & metal fabrication market comprehensively and provides the closest approximations of the revenue numbers for the overall market and the subsegments across the different verticals and regions.
2. The report helps stakeholders to understand the market and provides them information on key market drivers, restraints, challenges, and opportunities.

3. This report will help stakeholders to better understand their competitors and gain more insights into their position in the business.

## Contents

### 1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 STUDY SCOPE
  - 1.3.1 YEARS CONSIDERED
- 1.4 CURRENCY CONSIDERED
- 1.5 VOLUME CONSIDERED
- 1.6 STAKEHOLDERS

### 2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
  - 2.1.1 SECONDARY DATA
    - 2.1.1.1 Key data from secondary sources
  - 2.1.2 PRIMARY DATA
    - 2.1.2.1 Key data from primary sources
    - 2.1.2.2 Breakdown of primary interviews
- 2.2 FACTOR ANALYSIS
  - 2.2.1 INTRODUCTION
  - 2.2.2 DEMAND-SIDE ANALYSIS
    - 2.2.2.1 Rising population
    - 2.2.2.2 Increasing income and spending capacity
    - 2.2.2.3 Industrialization
  - 2.2.3 SUPPLY-SIDE ANALYSIS
    - 2.2.3.1 Industry regulations
    - 2.2.3.2 Fluctuations in fuel prices
    - 2.2.3.3 Technology enhancement
- 2.3 MARKET SIZE ESTIMATION
- 2.4 MARKET BREAKDOWN AND DATA TRIANGULATION
- 2.5 RESEARCH ASSUMPTIONS AND LIMITATIONS
  - 2.5.1 ASSUMPTIONS
  - 2.5.2 LIMITATIONS

### 3 EXECUTIVE SUMMARY

- 3.1 RISING DEMAND IN METAL INDUSTRY WILL DRIVE THE INDUSTRIAL GASES

## IN METALS & METAL FABRICATION MARKET

### 4 PREMIUM INSIGHTS

4.1 CHINA: FASTEST-GROWING MARKET IN THE COMING YEARS FOR THE INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET

4.2 HYDROGEN ESTIMATED TO LEAD THE INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET IN 2015

4.3 METAL INDUSTRY (END-USE) CAPTURED LARGEST SHARE IN THE EMERGING ASIA-PACIFIC MARKET IN 2014

4.4 ASIA-PACIFIC TO BE THE PRIME REVENUE GENERATOR FOR THE MARKET BY 2020

4.5 INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET: DEVELOPED VS DEVELOPING ECONOMIES

4.6 INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SHARE, BY END USE, 2020

4.7 INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SHARE, BY FUNCTION, 2020

4.8 LIFE CYCLE ANALYSIS, BY REGION

### 5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET EVOLUTION

5.3 MARKET SEGMENTATION

5.3.1 BY TYPE

5.3.2 BY END USE

5.3.3 BY TRANSPORTATION MODE

5.3.4 BY FUNCTION

5.3.5 BY REGION

5.4 MARKET DYNAMICS

5.4.1 DRIVERS

5.4.1.1 Growth in the metal and manufacturing industry

5.4.1.2 Growing demand for aluminum

5.4.2 RESTRAINTS

5.4.2.1 Stringent rules and regulations

5.4.2.2 Uncertain economic conditions and declining demand in steel industry

5.4.3 OPPORTUNITIES

5.4.3.1 Growth in diverse end-use applications

#### 5.4.4 CHALLENGES

##### 5.4.4.1 Intricate manufacturing process

### **6 INDUSTRY TRENDS**

#### 6.1 INTRODUCTION

#### 6.2 VALUE CHAIN

#### 6.3 PORTER'S FIVE FORCES ANALYSIS

##### 6.3.1 THREAT OF NEW ENTRANTS

##### 6.3.2 THREATS OF SUBSTITUTES

##### 6.3.3 BARGAINING POWER OF SUPPLIERS

##### 6.3.4 BARGAINING POWER OF BUYERS

##### 6.3.5 INTENSITY OF COMPETITIVE RIVALRY

### **7 INDUSTRIAL GASES MARKET, BY TYPE**

#### 7.1 INTRODUCTION

#### 7.2 OXYGEN

##### 7.2.1 OXYGEN: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY TRANSPORTATION MODE

#### 7.3 NITROGEN

##### 7.3.1 NITROGEN: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY TRANSPORTATION MODE

#### 7.4 CARBON DIOXIDE

##### 7.4.1 CARBON DIOXIDE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY TRANSPORTATION MODE

#### 7.5 HYDROGEN

##### 7.5.1 HYDROGEN: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY TRANSPORTATION MODE

#### 7.6 ACETYLENE

##### 7.6.1 ACETYLENE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY TRANSPORTATION MODE

#### 7.7 OTHERS

##### 7.7.1 OTHERS: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY TRANSPORTATION MODE

### **8 INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY FUNCTION**

- 8.1 INTRODUCTION
- 8.2 PRIMARY METAL MANUFACTURING
- 8.3 METAL FABRICATION

## **9 INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY TRANSPORTATION MODE**

- 9.1 INTRODUCTION
- 9.2 CYLINDERS & PACKAGED GAS
  - 9.2.1 INDUSTRY REGULATIONS FOR TRANSPORTATION & STORAGE OF GAS CYLINDERS
- 9.3 MERCHANT LIQUID/BULK
- 9.4 TONNAGE DISTRIBUTION

## **10 INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY END-USE INDUSTRY**

- 10.1 INTRODUCTION
  - 10.1.1 INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY END USE
- 10.2 METAL INDUSTRY
  - 10.2.1 METAL INDUSTRY: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY TYPE
  - 10.2.2 METAL INDUSTRY: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY FUNCTION
- 10.3 AEROSPACE & DEFENSE
  - 10.3.1 AEROSPACE & DEFENSE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY TYPE
  - 10.3.2 AEROSPACE & DEFENSE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY FUNCTION
- 10.4 AUTOMOTIVE INDUSTRY
  - 10.4.1 AUTOMOTIVE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY TYPE
  - 10.4.2 AUTOMOTIVE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY FUNCTION
- 10.5 RAIL & SHIPPING INDUSTRY
  - 10.5.1 RAIL & SHIPPING: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY TYPE
  - 10.5.2 RAIL & SHIPPING: INDUSTRIAL GASES IN METALS & METAL

## FABRICATION MARKET, BY FUNCTION

### 10.6 HEAVY MACHINERY

#### 10.6.1 HEAVY MACHINERY: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY TYPE

#### 10.6.2 HEAVY MACHINERY: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY FUNCTION

### 10.7 OTHERS

#### 10.7.1 OTHERS: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY TYPE

#### 10.7.2 OTHERS: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY FUNCTION

## **11 INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY REGION**

### 11.1 INTRODUCTION

### 11.2 NORTH AMERICA

#### 11.2.1 NORTH AMERICA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY COUNTRY

#### 11.2.2 NORTH AMERICA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY TYPE

#### 11.2.3 NORTH AMERICA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY FUNCTION

#### 11.2.4 NORTH AMERICA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY TRANSPORTATION MODE

#### 11.2.5 NORTH AMERICA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY END USE

##### 11.2.6 U.S.

11.2.6.1 U.S.: industrial gases in metals & metal fabrication market, by type

11.2.6.2 U.S.: industrial gases in metals & metal fabrication market, by function

11.2.6.3 U.S.: industrial gases in metals & metal fabrication market, by transportation mode

11.2.6.4 U.S.: industrial gases in metals & metal fabrication market, by end use

##### 11.2.7 CANADA

11.2.7.1 Canada: industrial gases in metals & metal fabrication market, by type

11.2.7.2 Canada: industrial gases in metals & metal fabrication market, by function

11.2.7.3 Canada: industrial gases in metals & metal fabrication market, by transportation mode

11.2.7.4 Canada: industrial gases in metals & metal fabrication market, by end use



## 11.2.8 MEXICO

11.2.8.1 Mexico: industrial gases in metals & metal fabrication market, by type

11.2.8.2 Mexico: industrial gases in metals & metal fabrication market, by function

11.2.8.3 Mexico: industrial gases in metals & metal fabrication market, by transportation mode

11.2.8.4 Mexico: industrial gases in metals & metal fabrication market, by end use

## 11.3 EUROPE

11.3.1 EUROPE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY COUNTRY

11.3.2 EUROPE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY TYPE

11.3.3 EUROPE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY FUNCTION

11.3.4 EUROPE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY TRANSPORTATION MODE

11.3.5 EUROPE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY END USE

### 11.3.6 GERMANY

11.3.6.1 Germany: industrial gases in metals & metal fabrication market, by type

11.3.6.2 Germany: industrial gases in metals & metal fabrication market, by function

11.3.6.3 Germany: industrial gases in metals & metal fabrication market, by transportation mode

11.3.6.4 Germany: industrial gases in metals & metal fabrication market, by end use

### 11.3.7 U.K.

11.3.7.1 U.K.: industrial gases in metals & metal fabrication market, by type

11.3.7.2 U.K.: industrial gases in metals & metal fabrication market, by function

11.3.7.3 U.K.: industrial gases in metals & metal fabrication market, by transportation mode

11.3.7.4 U.K.: industrial gases in metals & metal fabrication market, by end use

### 11.3.8 FRANCE

11.3.8.1 France: industrial gases in metals & metal fabrication market, by type

11.3.8.2 France: industrial gases in metals & metal fabrication market, by function

11.3.8.3 France: industrial gases in metals & metal fabrication market, by transportation mode

11.3.8.4 France: industrial gases in metals & metal fabrication market, by end use

### 11.3.9 ITALY

11.3.9.1 Italy: industrial gases in metals & metal fabrication market, by type

11.3.9.2 Italy: industrial gases in metals & metal fabrication market, by function

11.3.9.3 Italy: industrial gases in metals & metal fabrication market, by transportation mode

mode

11.3.9.4 Italy: industrial gases in metals & metal fabrication market, by end use

#### 11.3.10 REST OF EUROPE

11.3.10.1 Rest of Europe: industrial gases in metals & metal fabrication market, by type

11.3.10.2 Rest of Europe: industrial gases in metals & metal fabrication market, by function

11.3.10.3 Rest of Europe: industrial gases in metals & metal fabrication market, by transportation

11.3.10.4 Rest of Europe: industrial gases in metals & metal fabrication market, by end use

#### 11.4 ASIA-PACIFIC

11.4.1.1 Asia-Pacific: industrial gases in metals & metal fabrication market, by country

11.4.1.2 Asia-Pacific: industrial gases in metals & metal fabrication market, by type

11.4.1.3 Asia-Pacific: industrial gases in metals & metal fabrication market, by function

11.4.1.4 Asia-Pacific: industrial gases in metals & metal fabrication market, by transportation mode

11.4.1.5 Asia-Pacific: industrial gases in metals & metal fabrication market, by end use

#### 11.4.2 CHINA

11.4.2.1 China: industrial gases in metals & metal fabrication market, by type

11.4.2.2 China: industrial gases in metals & metal fabrication market, by function

11.4.2.3 China: industrial gases in metals & metal fabrication market, by transportation mode

11.4.2.4 China: industrial gases in metals & metal fabrication market, by end use

#### 11.4.3 INDIA

11.4.3.1 India: industrial gases in metals & metal fabrication market, by type

11.4.3.2 India: industrial gases in metals & metal fabrication market, by function

11.4.3.3 India: industrial gases in metals & metal fabrication market, by transportation mode

11.4.3.4 India: industrial gases in metals & metal fabrication market, by end use

#### 11.4.4 JAPAN

11.4.4.1 Japan: industrial gases in metals & metal fabrication market, by type

11.4.4.2 Japan: industrial gases in metals & metal fabrication market, by function

11.4.4.3 Japan: industrial gases in metals & metal fabrication market, by transportation mode

11.4.4.4 Japan: industrial gases in metals & metal fabrication market, by end use

#### 11.4.5 SOUTH KOREA

11.4.5.1 South Korea: industrial gases in metals & metal fabrication market, by type

11.4.5.2 South Korea: industrial gases in metals & metal fabrication market, by function

11.4.5.3 South Korea: industrial gases in metals & metal fabrication market, by transportation mode

11.4.5.4 South Korea: industrial gases in metals & metal fabrication market, by end use

#### 11.4.6 REST OF ASIA-PACIFIC

11.4.6.1 Rest of Asia-Pacific: industrial gases in metals & metal fabrication market, by type

11.4.6.2 Rest of Asia-Pacific: industrial gases in metals & metal fabrication market, by function

11.4.6.3 Rest of Asia-Pacific: industrial gases in metals & metal fabrication market, by transportation mode

11.4.6.4 Rest of Asia-Pacific: industrial gases in metals & metal fabrication market, by end use

#### 11.5 ROW

11.5.1.1 Row: industrial gases in metals & metal fabrication market, by country

11.5.1.2 Row: industrial gases in metals & metal fabrication market, by type

11.5.1.3 Row: industrial gases in metals & metal fabrication market, by function

11.5.1.4 Row: industrial gases in metals & metal fabrication market, by transportation mode

11.5.1.5 Row: industrial gases in metals & metal fabrication market, by end use

#### 11.5.2 BRAZIL

11.5.2.1 Brazil: industrial gases in metals & metal fabrication market, by type

11.5.2.2 Brazil: industrial gases in metals & metal fabrication market, by function

11.5.2.3 Brazil: industrial gases in metals & metal fabrication market, by transportation mode

11.5.2.4 Brazil: industrial gases in metals & metal fabrication market, by end use

#### 11.5.3 SOUTH AFRICA

11.5.3.1 South Africa: industrial gases in metals & metal fabrication market, by type

11.5.3.2 South Africa: industrial gases in metals & metal fabrication market, by function

11.5.3.3 South Africa: industrial gases in metals & metal fabrication market, by transportation mode

11.5.3.4 South Africa: industrial gases in metals & metal fabrication market, by end use

#### 11.5.4 ARGENTINA

11.5.4.1 Argentina: industrial gases in metals & metal fabrication market, by type

11.5.4.2 Argentina: industrial gases in metals & metal fabrication market, by function

11.5.4.3 Argentina: industrial gases in metals & metal fabrication market, by transportation mode

11.5.4.4 Argentina: industrial gases in metals & metal fabrication market, by end use

11.5.5 OTHERS IN ROW

11.5.5.1 Others in RoW: industrial gases in metals & metal fabrication market, by type

11.5.5.2 Others in RoW: industrial gases in metals & metal fabrication market, by function

11.5.5.3 Others in RoW: industrial gases in metals & metal fabrication market, by transportation mode

11.5.5.4 Others in RoW: industrial gases in metals & metal fabrication market, by end use

## **12 COMPETITIVE LANDSCAPE**

12.1 OVERVIEW

12.2 COMPETITIVE SITUATIONS & TRENDS

12.2.1 JOINT VENTURE, EXPANSION, NEW SERVICE LAUNCH, AND NEW TECHNOLOGY LAUNCH

12.2.2 CONTRACTS & AGREEMENTS

12.2.3 INVESTMENTS

12.2.4 MERGERS & ACQUISITIONS

## **13 COMPANY PROFILES**

(Company at a Glance, Recent Financials, Products & Services, Strategies & Insights, & Recent Developments)\*

13.1 INTRODUCTION

13.2 PRAXAIR, INC.

13.3 AIRGAS, INC.

13.4 THE LINDE GROUP

13.5 AIR LIQUIDE S.A.

13.6 AIR PRODUCTS AND CHEMICALS, INC.

13.7 IWATANI CORPORATION

13.8 MESSER GROUP GMBH

13.9 SOUTHERN INDUSTRIAL GAS SDN BHD

13.10 NEXAIR LLC

13.11 TAIYO NIPPON SANSO CORPORATION

\*Details on company at a glance, recent financials, products & services, strategies & insights, & recent developments might not be captured in case of unlisted companies.

## **14 APPENDIX**

14.1 INSIGHTS OF INDUSTRY EXPERTS

14.2 DISCUSSION GUIDE

14.3 INTRODUCING RT: REAL TIME MARKET INTELLIGENCE

14.4 AVAILABLE CUSTOMIZATIONS

14.5 RELATED REPORTS

## List Of Tables

### LIST OF TABLES

### LIST OF TABLES

Table 1 WORLDWIDE REGULATIONS ON THE INDUSTRIAL GASES

Table 2 MARKET SEGMENTATION OF INDUSTRIAL GASES IN METALS & METAL FABRICATION, BY TYPE

Table 3 MARKET SEGMENTATION OF INDUSTRIAL GASES IN METALS & METAL FABRICATION, BY END USE

Table 4 MARKET SEGMENTATION OF INDUSTRIAL GASES IN METALS & METAL FABRICATION, BY TRANSPORTATION MODE

Table 5 MARKET SEGMENTATION OF INDUSTRIAL GASES IN METALS & METAL FABRICATION, BY FUNCTION

Table 6 MARKET SEGMENTATION OF INDUSTRIAL GASES IN METALS & METAL FABRICATION, BY REGION

Table 7 PROCESSES INVOLVED IN THE MANUFACTURING OF METAL

Table 8 INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 9 INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013-2020 (MT)

Table 10 OXYGEN MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (USD MILLION)

Table 11 OXYGEN MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (MT)

Table 12 NITROGEN MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (USD MILLION)

Table 13 NITROGEN MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (MT)

Table 14 CARBON DIOXIDE MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (USD MILLION)

Table 15 CARBON DIOXIDE MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (MT)

Table 16 HYDROGEN MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (USD MILLION)

Table 17 HYDROGEN MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (MT)

Table 18 ACETYLENE MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (USD MILLION)

Table 19 ACETYLENE MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020

(MT)

Table 20 OTHERS MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (USD MILLION)

Table 21 OTHERS MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (MT)

Table 22 INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 23 INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (MT)

Table 24 INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY PRIMARY METAL MANUFACTURING, 2013–2020 (USD MILLION)

Table 25 INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY PRIMARY METAL MANUFACTURING, 2013–2020 (MT)

Table 26 INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY METAL FABRICATION, 2013–2020 (USD MILLION)

Table 27 INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY METAL FABRICATION, 2013–2020 (MT)

Table 28 REGULATIONS ON TRANSPORTATION AND STORAGE OF GAS CYLINDERS

Table 29 INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (USD MILLION)

Table 30 INDUSTRIAL GASES IN METALS AND METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (MT)

Table 31 INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END-USE, 2013–2020 (USD MILLION)

Table 32 INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END-USE, 2013–2020 (MT)

Table 33 METAL INDUSTRY: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 34 METAL INDUSTRY: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END-USE, 2013–2020 (MT)

Table 35 METAL INDUSTRY: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 36 METAL INDUSTRY: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (MT)

Table 37 AEROSPACE & DEFENSE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 38 AEROSPACE & DEFENSE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (MT)

Table 39 AEROSPACE & DEFENSE: INDUSTRIAL GASES IN METALS & METAL



FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 40 AEROSPACE & DEFENSE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (MT)

Table 41 INDUSTRIAL GASES IN METALS & METAL FABRICATION USAGE IN THE AUTOMOTIVE INDUSTRY

Table 42 AUTOMOTIVE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 43 AUTOMOTIVE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (MT)

Table 44 AUTOMOTIVE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 45 AUTOMOTIVE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (MT)

Table 46 RAIL & SHIPPING: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 47 RAIL & SHIPPING: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (MT)

Table 48 RAIL & SHIPPING: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 49 RAIL & SHIPPING: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (MT)

Table 50 HEAVY MACHINERY: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 51 HEAVY MACHINERY: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END-USE, 2013–2020 (MT)

Table 52 HEAVY MACHINERY: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 53 HEAVY MACHINERY: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (MT)

Table 54 OTHERS: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 55 OTHERS: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END-USE, 2013–2020 (MT)

Table 56 OTHERS: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 57 OTHERS: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (MT)

Table 58 INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)



Table 59 INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY REGION, 2013–2020 (MT)

Table 60 NORTH AMERICA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY COUNTRY, 2013–2020 (USD MILLION)

Table 61 NORTH AMERICA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY COUNTRY, 2013–2020 (MT)

Table 62 NORTH AMERICA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 63 NORTH AMERICA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (MT)

Table 64 NORTH AMERICA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 65 NORTH AMERICA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (MT)

Table 66 NORTH AMERICA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (USD MILLION)

Table 67 NORTH AMERICA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (MT)

Table 68 NORTH AMERICA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (USD MILLION)

Table 69 NORTH AMERICA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (MT)

Table 70 U.S.: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 71 U.S.: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (MT)

Table 72 U.S.: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 73 U.S.: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (MT)

Table 74 U.S.: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (USD MILLION)

Table 75 U.S.: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (MT)

Table 76 U.S.: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (USD MILLION)

Table 77 U.S.: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (MT)

Table 78 CANADA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 79 CANADA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (MT)

Table 80 CANADA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 81 CANADA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (MT)

Table 82 CANADA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (USD MILLION)

Table 83 CANADA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (MT)

Table 84 CANADA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (USD MILLION)

Table 85 CANADA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (MT)

Table 86 MEXICO: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 87 MEXICO: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (MT)

Table 88 MEXICO: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 89 MEXICO: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (MT)

Table 90 MEXICO: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (USD MILLION)

Table 91 MEXICO: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (MT)

Table 92 MEXICO: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (USD MILLION)

Table 93 MEXICO: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (MT)

Table 94 EUROPE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY COUNTRY, 2013–2020 (USD MILLION)

Table 95 EUROPE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY COUNTRY, 2013–2020 (MT)

Table 96 EUROPE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 97 EUROPE: INDUSTRIAL GASES IN METALS & METAL FABRICATION

MARKET SIZE, BY TYPE, 2013–2020 (MT)

Table 98 EUROPE: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 99 EUROPE: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY FUNCTION, 2013–2020 (MT)

Table 100 EUROPE: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (USD MILLION)

Table 101 EUROPE: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (MT)

Table 102 EUROPE: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY END USE, 2013–2020 (USD MILLION)

Table 103 EUROPE: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY END USE, 2013–2020 (MT)

Table 104 GERMANY: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 105 GERMANY: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY TYPE, 2013–2020 (MT)

Table 106 GERMANY: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 107 GERMANY: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY FUNCTION, 2013–2020 (MT)

Table 108 GERMANY: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (USD MILLION)

Table 109 GERMANY: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (MT)

Table 110 GERMANY: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY END USE, 2013–2020 (USD MILLION)

Table 111 GERMANY: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY END USE, 2013–2020 (MT)

Table 112 U.K.: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET  
SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 113 U.K.: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET  
SIZE, BY TYPE, 2013–2020 (MT)

Table 114 U.K.: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET  
SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 115 U.K.: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET  
SIZE, BY FUNCTION, 2013–2020 (MT)

Table 116 U.K.: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET  
SIZE, BY TRANSPORTATION MODE, 2013–2020 (USD MILLION)

Table 117 U.K.: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (MT)

Table 118 U.K.: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (USD MILLION)

Table 119 U.K.: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (MT)

Table 120 FRANCE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 121 FRANCE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (MT)

Table 122 FRANCE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 123 FRANCE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (MT)

Table 124 FRANCE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (USD MILLION)

Table 125 FRANCE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (MT)

Table 126 FRANCE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (USD MILLION)

Table 127 FRANCE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (MT)

Table 128 ITALY: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 129 ITALY: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (MT)

Table 130 ITALY: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 131 ITALY: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (MT)

Table 132 ITALY: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (USD MILLION)

Table 133 ITALY: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (MT)

Table 134 ITALY: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (USD MILLION)

Table 135 ITALY: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (MT)

Table 136 REST OF EUROPE: INDUSTRIAL GASES IN METALS & METAL

FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 137 REST OF EUROPE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (MT)

Table 138 REST OF EUROPE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 139 REST OF EUROPE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (MT)

Table 140 REST OF EUROPE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (USD MILLION)

Table 141 REST OF EUROPE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (MT)

Table 142 REST OF EUROPE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (USD MILLION)

Table 143 REST OF EUROPE: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (MT)

Table 144 ASIA-PACIFIC: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY COUNTRY, 2013–2020 (USD MILLION)

Table 145 ASIA-PACIFIC: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY COUNTRY, 2013–2020 (MT)

Table 146 ASIA-PACIFIC: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 147 ASIA-PACIFIC: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (MT)

Table 148 ASIA-PACIFIC: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 149 ASIA-PACIFIC: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (MT)

Table 150 ASIA-PACIFIC: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (USD MILLION)

Table 151 ASIA-PACIFIC: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (MT)

Table 152 ASIA-PACIFIC: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (USD MILLION)

Table 153 ASIA-PACIFIC: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (MT)

Table 154 CHINA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 155 CHINA: INDUSTRIAL GASES IN METALS & METAL FABRICATION



MARKET SIZE, BY TYPE, 2013–2020 (MT)

Table 156 CHINA: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 157 CHINA: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY FUNCTION, 2013–2020 (MT)

Table 158 CHINA: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (USD MILLION)

Table 159 CHINA: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (MT)

Table 160 CHINA: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY END USE, 2013–2020 (USD MILLION)

Table 161 CHINA: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY END USE, 2013–2020 (MT)

Table 162 INDIA: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 163 INDIA: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY TYPE, 2013–2020 (MT)

Table 164 INDIA: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 165 INDIA: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY FUNCTION, 2013–2020 (MT)

Table 166 INDIA: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (USD MILLION)

Table 167 INDIA: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (MT)

Table 168 INDIA: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY END USE, 2013–2020 (USD MILLION)

Table 169 INDIA: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY END USE, 2013–2020 (MT)

Table 170 JAPAN: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 171 JAPAN: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY TYPE, 2013–2020 (MT)

Table 172 JAPAN: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 173 JAPAN: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY FUNCTION, 2013–2020 (MT)

Table 174 JAPAN: INDUSTRIAL GASES IN METALS & METAL FABRICATION  
MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (USD MILLION)

Table 175 JAPAN: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (MT)

Table 176 JAPAN: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (USD MILLION)

Table 177 JAPAN: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (MT)

Table 178 SOUTH KOREA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 179 SOUTH KOREA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (MT)

Table 180 SOUTH KOREA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 181 SOUTH KOREA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (MT)

Table 182 SOUTH KOREA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (USD MILLION)

Table 183 SOUTH KOREA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (MT)

Table 184 SOUTH KOREA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (USD MILLION)

Table 185 SOUTH KOREA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (MT)

Table 186 REST OF ASIA-PACIFIC: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 187 REST OF ASIA-PACIFIC: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (MT)

Table 188 REST OF ASIA-PACIFIC: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 189 REST OF ASIA-PACIFIC: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (MT)

Table 190 REST OF ASIA-PACIFIC: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (USD MILLION)

Table 191 REST OF ASIA-PACIFIC: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (MT)

Table 192 REST OF ASIA-PACIFIC: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (USD MILLION)

Table 193 REST OF ASIA-PACIFIC: INDUSTRIAL GASES IN METALS & METAL

FABRICATION MARKET SIZE, BY END USE, 2013–2020 (MT)

Table 194 ROW: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY COUNTRY, 2013–2020 (USD MILLION)

Table 195 ROW: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY COUNTRY, 2013–2020 (MT)

Table 196 ROW: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 197 ROW: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (MT)

Table 198 ROW: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 199 ROW: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (MT)

Table 200 ROW: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (USD MILLION)

Table 201 ROW: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (MT)

Table 202 ROW: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (USD MILLION)

Table 203 ROW: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (MT)

Table 204 BRAZIL: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 205 BRAZIL: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (MT)

Table 206 BRAZIL: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 207 BRAZIL: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (MT)

Table 208 BRAZIL: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (USD MILLION)

Table 209 BRAZIL: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (MT)

Table 210 BRAZIL: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (USD MILLION)

Table 211 BRAZIL: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (MT)

Table 212 SOUTH AFRICA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)



Table 213 SOUTH AFRICA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (MT)

Table 214 SOUTH AFRICA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 215 SOUTH AFRICA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (MT)

Table 216 SOUTH AFRICA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (USD MILLION)

Table 217 SOUTH AFRICA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (MT)

Table 218 SOUTH AFRICA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (USD MILLION)

Table 219 SOUTH AFRICA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (MT)

Table 220 ARGENTINA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 221 ARGENTINA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (MT)

Table 222 ARGENTINA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 223 ARGENTINA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (MT)

Table 224 ARGENTINA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (USD MILLION)

Table 225 ARGENTINA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (MT)

Table 226 ARGENTINA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (USD MILLION)

Table 227 ARGENTINA: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (MT)

Table 228 OTHERS IN ROW: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 229 OTHERS IN ROW: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TYPE, 2013–2020 (MT)

Table 230 OTHERS IN ROW: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 231 OTHERS IN ROW: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2013–2020 (MT)

Table 232 OTHERS IN ROW: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (USD MILLION)

Table 233 OTHERS IN ROW: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (MT)

Table 234 OTHERS IN ROW: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (USD MILLION)

Table 235 OTHERS IN ROW: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY END USE, 2013–2020 (MT)

Table 236 JOINT VENTURE, EXPANSION, NEW SERVICE LAUNCH, AND NEW TECHNOLOGY LAUNCH, 2013–2015

Table 237 CONTRACTS & AGREEMENTS, 2015

Table 238 INVESTMENTS, 2014–2015

Table 239 MERGERS & ACQUISITIONS, 2014–2015

## List Of Figures

### LIST OF FIGURES

Figure 1 MARKETS COVERED: INDUSTRIAL GASES IN METALS AND METAL FABRICATION

Figure 2 INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET: RESEARCH DESIGN

Figure 3 POPULATION GROWTH HAS INCREASED BY 3 BILLION IN THE THREE DECADES

Figure 4 INCREASE IN THE TOTAL EXPENDITURE OF MIDDLE CLASS FAMILIES

Figure 5 GROWTH IN MANUFACTURING & SERVICE SECTOR

Figure 6 CRUDE OIL SPOT PRICES, 2004-2014

Figure 7 NATURAL GAS PRICES, 2004-2014

Figure 8 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

Figure 9 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

Figure 10 DATA TRIANGULATION METHODOLOGY

Figure 11 OXYGEN SEGMENT IS PROJECTED TO BE THE LEADER IN THE MARKET BY 2020, IN TERMS OF VOLUME

Figure 12 INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SNAPSHOT (2014 VS 2020): METAL INDUSTRY TO DOMINATE THE MARKET

Figure 13 ASIA-PACIFIC TO BE THE FASTEST-GROWING REGION MARKET FOR INDUSTRIAL GASES IN METALS & METALS FABRICATION, IN TERMS OF VALUE

Figure 14 LEADING MARKET PLAYERS ADOPTED INVESTMENTS AS THE KEY STRATEGY FROM 2011 TO 2015

Figure 15 ATTRACTIVE MARKET OPPORTUNITIES IN THE INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET

Figure 16 INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET, BY TOP TEN COUNTRIES, CAGR BY 2020

Figure 17 HYDROGEN GAS IS PROJECTED TO HAVE LARGEST VALUE IN THE INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET BY 2020

Figure 18 INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY REGION, 2015-2020 (USD MILLION)

Figure 19 INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY DEVELOPING AND DEVELOPED ECONOMIES, 2015-2020 (USD MILLION)

Figure 20 INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SHARE (VALUE), BY END USE, 2014

Figure 21 INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET SIZE, BY FUNCTION, 2020 (USD MILLION)

- Figure 22 ASIA-PACIFIC REGION IS THE FASTEST-GROWING MARKET
- Figure 23 EVOLUTION OF INDUSTRIAL GASES MARKET
- Figure 24 INCREASING DEMAND IN THE MANUFACTURING & METAL INDUSTRIES IS THE MAIN DRIVER FOR THE GROWTH OF INDUSTRIAL GAS IN METALS & METAL FABRICATION MARKET
- Figure 25 PRIMARY ALUMINUM PRODUCTION, 2010-2014
- Figure 26 TOP CARBON DIOXIDE EMISSION COUNTRIES IN THE WORLD IN 2011
- Figure 27 GLOBAL VEHICLE PRODUCTION FROM 2009 TO 2014
- Figure 28 REGIONAL GROWTH OF CONSTRUCTION INDUSTRY IN 2014
- Figure 29 INDUSTRIAL GASES VALUE CHAIN
- Figure 30 PORTER'S FIVE FORCES ANALYSIS
- Figure 31 INDUSTRIAL GASES MARKET IN METALS & METAL FABRICATION, BY TYPE, 2015 VS. 2020 (USD MILLION)
- Figure 32 PRIMARY METAL MANUFACTURING SEGMENT IS PROJECTED TO GROW AT A HIGHEST CAGR FROM 2015 TO 2020
- Figure 33 MERCHANT LIQUID IS PROJECTED TO GROW AT A HIGHEST CAGR FROM 2015 TO 2020, IN TERMS OF VOLUME
- Figure 34 METAL INDUSTRY DOMINATED THE INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET IN 2014
- Figure 35 U.S.: AEROSPACE INDUSTRY IN 2013
- Figure 36 BULK TRANSPORTATION ACCOUNTED FOR THE LARGEST SHARE IN THE WORLD SHIPPING INDUSTRY IN 2012
- Figure 37 GEOGRAPHICAL SNAPSHOT: INDUSTRIAL GASES IN METALS & METAL FABRICATION MARKET GROWTH RATE (2015-2020)
- Figure 38 THE U.S.: FASTEST GROWING MARKET IN THE NORTH AMERICAN REGION
- Figure 39 GERMANY PROJECTED TO BE THE FASTEST-GROWING MARKET IN EUROPE
- Figure 40 U.K.: GROSS VALUE ADDED (GVA), BY MANUFACTURING INDUSTRY, 2014
- Figure 41 PER CAPITA INDUSTRIAL PRODUCTION (USD) IN 2012
- Figure 42 ASIA-PACIFIC: MARKET WITH POTENTIAL FOR GROWTH IN INDUSTRIAL GASES IN METALS & METAL FABRICATION
- Figure 43 BRAZIL PROJECTED TO BE THE FASTEST-GROWING MARKET IN ROW
- Figure 44 KEY COMPANIES ADOPTED ACQUISITION STRATEGY OVER LAST FIVE YEARS FROM 2011–2015
- Figure 45 AIRGAS, INC. GREW AT THE HIGHEST RATE BETWEEN 2012 & 2014
- Figure 46 MERGERS & ACQUISITIONS PROPELLED GROWTH & INNOVATION IN 2012

Figure 47 MERGERS & ACQUISITIONS: THE KEY STRATEGY, 2011–2015  
Figure 48 GEOGRAPHIC REVENUE MIX OF TOP FIVE MARKET PLAYERS  
Figure 49 PRAXAIR, INC.: COMPANY SNAPSHOT  
Figure 50 SWOT ANALYSIS: PRAXAIR, INC.  
Figure 51 AIRGAS, INC.: COMPANY SNAPSHOT  
Figure 52 AIRGAS, INC.: SWOT ANALYSIS  
Figure 53 THE LINDE GROUP: COMPANY SNAPSHOT  
Figure 54 THE LINDE GROUP: SWOT ANALYSIS  
Figure 55 AIR LIQUIDE S.A.: COMPANY SNAPSHOT  
Figure 56 AIR LIQUIDE S.A.: SWOT ANALYSIS  
Figure 57 AIR PRODUCTS AND CHEMICALS, INC.: COMPANY SNAPSHOT  
Figure 58 AIR PRODUCTS AND CHEMICALS, INC.: SWOT ANALYSIS  
Figure 59 IWATANI CORPORATION: COMPANY SNAPSHOT  
Figure 60 MESSER GROUP GMBH: COMPANY SNAPSHOT  
Figure 61 SOUTHERN INDUSTRIAL GAS SDN BHD: COMPANY SNAPSHOT  
Figure 62 TAIYO NIPPON SANZO CORPORATION: COMPANY SNAPSHOT

## I would like to order

Product name: Industrial Gases- Metals & Metal Fabrication Market By Type (Oxygen, Nitrogen, Hydrogen, Others), by Function (Metal Manufacturing, Fabrication), by Storage (Cylinder, Merchant Liquid, Tonnage), by End-use (Metal, Automotive, Aerospace, Others) - Forecast to 2020

Product link: <https://marketpublishers.com/r/l4B52305D99EN.html>

Price: US\$ 5,650.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/l4B52305D99EN.html>