

Global Level Gauge Market By Type (Tank Level Gauges, Fuel Level Gauges, Water Level Gauges, Mechanical Level Gauges), By Technology (Magnetic, Reflexive, Transparent, Others), By End-user Industry (Oil and Gas, Chemical, Water Treatment, Marine, Others): Global Opportunity Analysis and Industry Forecast, 2021-2031

Market Report | 2022-09-01 | 250 pages | Allied Market Research

### **AVAILABLE LICENSES:**

- Cloud Access License \$3110.40
- Business User License \$5238.00
- Enterprise License \$8640.00

#### Report description:

The global level gauge market size was valued at \$1,458.4 million in 2021, and is projected to reach \$2,503.0 million by 2031, registering a CAGR of 5.5% from 2022 to 2031.

Level gauges are sensing and measuring instruments that are used to detect the level of a fluid or gas in a tank or similar storage container. These devices are widely used in industrial process applications and are employed to measure the fluid levels in drums, tanks, pressure vessels, or other similar applications. Level gauges are mostly used in chemical, foods & beverages, oil & gas, pharmaceuticals, energy & power, and other industries.

Factors such as increase in adoption of programmable level gauges and automated alarm systems drive the growth of this market. However, sanitary ratings of gauges in beverage & pharmaceutical continue to restrain the growth of this market. Opportunities such integration of sensors and Internet of Things (IoT) can increase the scope of level gauges in industrial application.

The demand for level gauges in the pharmaceutical sector has grown as a result of the requirement to get government approval, adhere to standards established by several health-related organizations, and maintain flawless operations. The rise of automated processes in the pharmaceutical sector is also anticipated to increase the need for level gauges during the forecast period. Moreover, expansion of foods & beverages industries around the world are increasing the demand for level gauge. For instance, in March 2022, Nestle invested \$675 million to build new a food and beverage manufacturing factory in Arizona. Hence, such factors are expected to drive the level gauge market.

On the basis of end user industry, chemical segment has registered the highest-level gauge market share in terms of revenue in 2021. It allows to monitor the level in chemical storage application. Moreover, it is designed for chemical & process tanks and

recommended for virtually any fluid including viscous, aggressive, and waste liquids. In addition, expansion of chemical industries around the world provide lucrative growth opportunities for the level gauge market.

Key companies profiled in the level gauge market report include ABB Ltd., Barksdale Control Products, BinMaster, Emerson Electric Co., FPI Sensors International, Honeywell International Inc., JBJ Techniques Limited, Jogler LLC., Keller America, Inc., KOBOLD Instruments Inc., KROHNE Messtechnik GmbH, Krueger Sentry Gauge, Omega Engineering, Inc., PLT Mag Gage, SensorsONE Ltd., TC Fluid Control, and Yokogawa Electric Corporation.

#### Key Benefits For Stakeholders

- -This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the global level gauge market analysis from 2021 to 2031 to identify the prevailing global level gauge market opportunities.
- -The market research is offered along with information related to key drivers, restraints, and opportunities.
- -Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- -In-depth analysis of the global level gauge market segmentation assists to determine the prevailing market opportunities.
- -Major countries in each region are mapped according to their revenue contribution to the global market.
- -Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- -The report includes the analysis of the regional as well as global global level gauge market trends, key players, market segments, application areas, and market growth strategies.

**Key Market Segments** 

By Type

- Tank Level Gauges
- Fuel Level Gauges
- Water Level Gauges
- Mechanical Level Gauges

By Technology

- Magnetic
- Indicator systems
- Capsule Shuttle
- Bicolour Rollers
- Reflexive
- Transparent
- Others

By End-user Industry

- Oil and Gas
- Chemical
- Water Treatment
- Marine
- Others

By Region

- North America
- U.S.
- Canada
- Mexico
- Europe
- Germany
- France
- UK

- Italy
- Spain
- Russia
- Poland
- Netherlands
- Sweden
- Rest Of Europe
- Asia-Pacific
- China
- India
- Japan
- South Korea
- Australia
- Thailand
- Indonesia
- Vietnam
- Rest Of Asia-Pacific
- LAMEA
- Brazil
- Argentina
- Saudi Arabia
- UAE
- South Africa
- Nigeria
- Rest Of LAMEA
- Key Market Players
- Abb
- OMEGA Engineering
- MTS
- Honeywell International Inc.
- Yokogawa
- VEGA
- Barksdale Control Products
- Jbj Techniques Limited
- JOGLER
- BinMaster
- Keller America
- KOBOLD Instruments
- Krohne Ltd
- SensorsONE
- Krueger Sentry Gauge
- Ayvaz
- General instruments

# **Table of Contents:**

**CHAPTER 1:INTRODUCTION** 

1.1.Report description

Scotts International. EU Vat number: PL 6772247784

- 1.2.Key market segments
- 1.3. Key benefits to the stakeholders
- 1.4.Research Methodology
- 1.4.1.Secondary research
- 1.4.2. Primary research
- 1.4.3. Analyst tools and models

**CHAPTER 2:EXECUTIVE SUMMARY** 

- 2.1.Key findings of the study
- 2.2.CXO Perspective

CHAPTER 3:MARKET OVERVIEW

- 3.1. Market definition and scope
- 3.2. Key findings
- 3.2.1.Top investment pockets
- 3.3. Porter's five forces analysis
- 3.4. Top player positioning
- 3.5. Market dynamics
- 3.5.1.Drivers
- 3.5.2.Restraints
- 3.5.3.Opportunities
- 3.6.COVID-19 Impact Analysis on the market

CHAPTER 4: GLOBAL LEVEL GAUGE MARKET, BY TYPE

- 4.1 Overview
- 4.1.1 Market size and forecast
- 4.2 Tank Level Gauges
- 4.2.1 Key market trends, growth factors and opportunities
- 4.2.2 Market size and forecast, by region
- 4.2.3 Market share analysis by country
- 4.3 Fuel Level Gauges
- 4.3.1 Key market trends, growth factors and opportunities
- 4.3.2 Market size and forecast, by region
- 4.3.3 Market share analysis by country
- 4.4 Water Level Gauges
- 4.4.1 Key market trends, growth factors and opportunities
- 4.4.2 Market size and forecast, by region
- 4.4.3 Market share analysis by country
- 4.5 Mechanical Level Gauges
- 4.5.1 Key market trends, growth factors and opportunities
- 4.5.2 Market size and forecast, by region
- 4.5.3 Market share analysis by country

CHAPTER 5: GLOBAL LEVEL GAUGE MARKET, BY TECHNOLOGY

- 5.1 Overview
- 5.1.1 Market size and forecast
- 5.2 Magnetic
- 5.2.1 Key market trends, growth factors and opportunities
- 5.2.2 Market size and forecast, by region
- 5.2.3 Market share analysis by country
- 5.2.4 Magnetic Global Level Gauge Market by Indicator systems

Scotts International, EU Vat number: PL 6772247784

- 5.2.4.1 Capsule Shuttle Market size and forecast, by region
- 5.2.4.2 Bicolour Rollers Market size and forecast, by region
- 5.3 Reflexive
- 5.3.1 Key market trends, growth factors and opportunities
- 5.3.2 Market size and forecast, by region
- 5.3.3 Market share analysis by country
- 5.4 Transparent
- 5.4.1 Key market trends, growth factors and opportunities
- 5.4.2 Market size and forecast, by region
- 5.4.3 Market share analysis by country
- 5.5 Others
- 5.5.1 Key market trends, growth factors and opportunities
- 5.5.2 Market size and forecast, by region
- 5.5.3 Market share analysis by country

#### CHAPTER 6: GLOBAL LEVEL GAUGE MARKET, BY END-USER INDUSTRY

- 6.1 Overview
- 6.1.1 Market size and forecast
- 6.2 Oil and Gas
- 6.2.1 Key market trends, growth factors and opportunities
- 6.2.2 Market size and forecast, by region
- 6.2.3 Market share analysis by country
- 6.3 Chemical
- 6.3.1 Key market trends, growth factors and opportunities
- 6.3.2 Market size and forecast, by region
- 6.3.3 Market share analysis by country
- 6.4 Water Treatment
- 6.4.1 Key market trends, growth factors and opportunities
- 6.4.2 Market size and forecast, by region
- 6.4.3 Market share analysis by country
- 6.5 Marine
- 6.5.1 Key market trends, growth factors and opportunities
- 6.5.2 Market size and forecast, by region
- 6.5.3 Market share analysis by country
- 6.6 Others
- 6.6.1 Key market trends, growth factors and opportunities
- 6.6.2 Market size and forecast, by region
- 6.6.3 Market share analysis by country

#### CHAPTER 7: GLOBAL LEVEL GAUGE MARKET, BY REGION

- 7.1 Overview
- 7.1.1 Market size and forecast
- 7.2 North America
- 7.2.1 Key trends and opportunities
- 7.2.2 North America Market size and forecast, by Type
- 7.2.3 North America Market size and forecast, by Technology
- 7.2.3.1 North America Magnetic Global Level Gauge Market by Indicator systems
- 7.2.4 North America Market size and forecast, by End-user Industry
- 7.2.5 North America Market size and forecast, by country

#### Scotts International. EU Vat number: PL 6772247784

#### 7.2.5.1 U.S.

- 7.2.5.1.1 Key market trends, growth factors and opportunities
- 7.2.5.1.2 Market size and forecast, by Type
- 7.2.5.1.3 Market size and forecast, by Technology
- 7.2.5.1.4 Market size and forecast, by End-user Industry
- 7.2.5.2 Canada
- 7.2.5.2.1 Key market trends, growth factors and opportunities
- 7.2.5.2.2 Market size and forecast, by Type
- 7.2.5.2.3 Market size and forecast, by Technology
- 7.2.5.2.4 Market size and forecast, by End-user Industry
- 7.2.5.3 Mexico
- 7.2.5.3.1 Key market trends, growth factors and opportunities
- 7.2.5.3.2 Market size and forecast, by Type
- 7.2.5.3.3 Market size and forecast, by Technology
- 7.2.5.3.4 Market size and forecast, by End-user Industry
- 7.3 Europe
- 7.3.1 Key trends and opportunities
- 7.3.2 Europe Market size and forecast, by Type
- 7.3.3 Europe Market size and forecast, by Technology
- 7.3.3.1 Europe Magnetic Global Level Gauge Market by Indicator systems
- 7.3.4 Europe Market size and forecast, by End-user Industry
- 7.3.5 Europe Market size and forecast, by country
- 7.3.5.1 Germany
- 7.3.5.1.1 Key market trends, growth factors and opportunities
- 7.3.5.1.2 Market size and forecast, by Type
- 7.3.5.1.3 Market size and forecast, by Technology
- 7.3.5.1.4 Market size and forecast, by End-user Industry
- 7.3.5.2 France
- 7.3.5.2.1 Key market trends, growth factors and opportunities
- 7.3.5.2.2 Market size and forecast, by Type
- 7.3.5.2.3 Market size and forecast, by Technology
- 7.3.5.2.4 Market size and forecast, by End-user Industry
- 7.3.5.3 UK
- 7.3.5.3.1 Key market trends, growth factors and opportunities
- 7.3.5.3.2 Market size and forecast, by Type
- 7.3.5.3.3 Market size and forecast, by Technology
- 7.3.5.3.4 Market size and forecast, by End-user Industry
- 7.3.5.4 Italy
- 7.3.5.4.1 Key market trends, growth factors and opportunities
- 7.3.5.4.2 Market size and forecast, by Type
- 7.3.5.4.3 Market size and forecast, by Technology
- 7.3.5.4.4 Market size and forecast, by End-user Industry
- 7.3.5.5 Spain
- 7.3.5.5.1 Key market trends, growth factors and opportunities
- 7.3.5.5.2 Market size and forecast, by Type
- 7.3.5.5.3 Market size and forecast, by Technology
- 7.3.5.5.4 Market size and forecast, by End-user Industry

#### Scotts International, EU Vat number: PL 6772247784

- 7.3.5.6 Russia
- 7.3.5.6.1 Key market trends, growth factors and opportunities
- 7.3.5.6.2 Market size and forecast, by Type
- 7.3.5.6.3 Market size and forecast, by Technology
- 7.3.5.6.4 Market size and forecast, by End-user Industry
- 7.3.5.7 Poland
- 7.3.5.7.1 Key market trends, growth factors and opportunities
- 7.3.5.7.2 Market size and forecast, by Type
- 7.3.5.7.3 Market size and forecast, by Technology
- 7.3.5.7.4 Market size and forecast, by End-user Industry
- 7.3.5.8 Netherlands
- 7.3.5.8.1 Key market trends, growth factors and opportunities
- 7.3.5.8.2 Market size and forecast, by Type
- 7.3.5.8.3 Market size and forecast, by Technology
- 7.3.5.8.4 Market size and forecast, by End-user Industry
- 7.3.5.9 Sweden
- 7.3.5.9.1 Key market trends, growth factors and opportunities
- 7.3.5.9.2 Market size and forecast, by Type
- 7.3.5.9.3 Market size and forecast, by Technology
- 7.3.5.9.4 Market size and forecast, by End-user Industry
- 7.3.5.10 Rest of Europe
- 7.3.5.10.1 Key market trends, growth factors and opportunities
- 7.3.5.10.2 Market size and forecast, by Type
- 7.3.5.10.3 Market size and forecast, by Technology
- 7.3.5.10.4 Market size and forecast, by End-user Industry
- 7.4 Asia-Pacific
- 7.4.1 Key trends and opportunities
- 7.4.2 Asia-Pacific Market size and forecast, by Type
- 7.4.3 Asia-Pacific Market size and forecast, by Technology
- 7.4.3.1 Asia-Pacific Magnetic Global Level Gauge Market by Indicator systems
- 7.4.4 Asia-Pacific Market size and forecast, by End-user Industry
- 7.4.5 Asia-Pacific Market size and forecast, by country
- 7.4.5.1 China
- 7.4.5.1.1 Key market trends, growth factors and opportunities
- 7.4.5.1.2 Market size and forecast, by Type
- 7.4.5.1.3 Market size and forecast, by Technology
- 7.4.5.1.4 Market size and forecast, by End-user Industry
- 7.4.5.2 India
- 7.4.5.2.1 Key market trends, growth factors and opportunities
- 7.4.5.2.2 Market size and forecast, by Type
- 7.4.5.2.3 Market size and forecast, by Technology
- 7.4.5.2.4 Market size and forecast, by End-user Industry
- 7.4.5.3 Japan
- 7.4.5.3.1 Key market trends, growth factors and opportunities
- 7.4.5.3.2 Market size and forecast, by Type
- 7.4.5.3.3 Market size and forecast, by Technology
- 7.4.5.3.4 Market size and forecast, by End-user Industry

- 7.4.5.4 South Korea
- 7.4.5.4.1 Key market trends, growth factors and opportunities
- 7.4.5.4.2 Market size and forecast, by Type
- 7.4.5.4.3 Market size and forecast, by Technology
- 7.4.5.4.4 Market size and forecast, by End-user Industry
- 7.4.5.5 Australia
- 7.4.5.5.1 Key market trends, growth factors and opportunities
- 7.4.5.5.2 Market size and forecast, by Type
- 7.4.5.5.3 Market size and forecast, by Technology
- 7.4.5.5.4 Market size and forecast, by End-user Industry
- 7.4.5.6 Thailand
- 7.4.5.6.1 Key market trends, growth factors and opportunities
- 7.4.5.6.2 Market size and forecast, by Type
- 7.4.5.6.3 Market size and forecast, by Technology
- 7.4.5.6.4 Market size and forecast, by End-user Industry
- 7.4.5.7 Indonesia
- 7.4.5.7.1 Key market trends, growth factors and opportunities
- 7.4.5.7.2 Market size and forecast, by Type
- 7.4.5.7.3 Market size and forecast, by Technology
- 7.4.5.7.4 Market size and forecast, by End-user Industry
- 7.4.5.8 Vietnam
- 7.4.5.8.1 Key market trends, growth factors and opportunities
- 7.4.5.8.2 Market size and forecast, by Type
- 7.4.5.8.3 Market size and forecast, by Technology
- 7.4.5.8.4 Market size and forecast, by End-user Industry
- 7.4.5.9 Rest of Asia-Pacific
- 7.4.5.9.1 Key market trends, growth factors and opportunities
- 7.4.5.9.2 Market size and forecast, by Type
- 7.4.5.9.3 Market size and forecast, by Technology
- 7.4.5.9.4 Market size and forecast, by End-user Industry
- 7.5 LAMEA
- 7.5.1 Key trends and opportunities
- 7.5.2 LAMEA Market size and forecast, by Type
- 7.5.3 LAMEA Market size and forecast, by Technology
- 7.5.3.1 LAMEA Magnetic Global Level Gauge Market by Indicator systems
- 7.5.4 LAMEA Market size and forecast, by End-user Industry
- 7.5.5 LAMEA Market size and forecast, by country
- 7.5.5.1 Brazil
- 7.5.5.1.1 Key market trends, growth factors and opportunities
- 7.5.5.1.2 Market size and forecast, by Type
- 7.5.5.1.3 Market size and forecast, by Technology
- 7.5.5.1.4 Market size and forecast, by End-user Industry
- 7.5.5.2 Argentina
- 7.5.5.2.1 Key market trends, growth factors and opportunities
- 7.5.5.2.2 Market size and forecast, by Type
- 7.5.5.2.3 Market size and forecast, by Technology
- 7.5.5.2.4 Market size and forecast, by End-user Industry

- 7.5.5.3 Saudi Arabia
- 7.5.5.3.1 Key market trends, growth factors and opportunities
- 7.5.5.3.2 Market size and forecast, by Type
- 7.5.5.3.3 Market size and forecast, by Technology
- 7.5.5.3.4 Market size and forecast, by End-user Industry
- 7.5.5.4 UAE
- 7.5.5.4.1 Key market trends, growth factors and opportunities
- 7.5.5.4.2 Market size and forecast, by Type
- 7.5.5.4.3 Market size and forecast, by Technology
- 7.5.5.4.4 Market size and forecast, by End-user Industry
- 7.5.5.5 South Africa
- 7.5.5.5.1 Key market trends, growth factors and opportunities
- 7.5.5.5.2 Market size and forecast, by Type
- 7.5.5.5.3 Market size and forecast, by Technology
- 7.5.5.5.4 Market size and forecast, by End-user Industry
- 7.5.5.6 Nigeria
- 7.5.5.6.1 Key market trends, growth factors and opportunities
- 7.5.5.6.2 Market size and forecast, by Type
- 7.5.5.6.3 Market size and forecast, by Technology
- 7.5.5.6.4 Market size and forecast, by End-user Industry
- 7.5.5.7 Rest of LAMEA
- 7.5.5.7.1 Key market trends, growth factors and opportunities
- 7.5.5.7.2 Market size and forecast, by Type
- 7.5.5.7.3 Market size and forecast, by Technology
- 7.5.5.7.4 Market size and forecast, by End-user Industry

## CHAPTER 8: COMPANY LANDSCAPE

- 8.1. Introduction
- 8.2. Top winning strategies
- 8.3. Product Mapping of Top 10 Player
- 8.4. Competitive Dashboard
- 8.5. Competitive Heatmap
- 8.6. Key developments

#### **CHAPTER 9: COMPANY PROFILES**

- 9.1 Abb
- 9.1.1 Company overview
- 9.1.2 Company snapshot
- 9.1.3 Operating business segments
- 9.1.4 Product portfolio
- 9.1.5 Business performance
- 9.1.6 Key strategic moves and developments
- 9.2 OMEGA Engineering
- 9.2.1 Company overview
- 9.2.2 Company snapshot
- 9.2.3 Operating business segments
- 9.2.4 Product portfolio
- 9.2.5 Business performance
- 9.2.6 Key strategic moves and developments

#### Scotts International, EU Vat number: PL 6772247784

- 9.3 MTS
- 9.3.1 Company overview
- 9.3.2 Company snapshot
- 9.3.3 Operating business segments
- 9.3.4 Product portfolio
- 9.3.5 Business performance
- 9.3.6 Key strategic moves and developments
- 9.4 Honeywell International Inc.
- 9.4.1 Company overview
- 9.4.2 Company snapshot
- 9.4.3 Operating business segments
- 9.4.4 Product portfolio
- 9.4.5 Business performance
- 9.4.6 Key strategic moves and developments
- 9.5 Yokogawa
- 9.5.1 Company overview
- 9.5.2 Company snapshot
- 9.5.3 Operating business segments
- 9.5.4 Product portfolio
- 9.5.5 Business performance
- 9.5.6 Key strategic moves and developments
- 9.6 VEGA
- 9.6.1 Company overview
- 9.6.2 Company snapshot
- 9.6.3 Operating business segments
- 9.6.4 Product portfolio
- 9.6.5 Business performance
- 9.6.6 Key strategic moves and developments
- 9.7 Barksdale Control Products
- 9.7.1 Company overview
- 9.7.2 Company snapshot
- 9.7.3 Operating business segments
- 9.7.4 Product portfolio
- 9.7.5 Business performance
- 9.7.6 Key strategic moves and developments
- 9.8 Jbj Techniques Limited
- 9.8.1 Company overview
- 9.8.2 Company snapshot
- 9.8.3 Operating business segments
- 9.8.4 Product portfolio
- 9.8.5 Business performance
- 9.8.6 Key strategic moves and developments
- 9.9 JOGLER
- 9.9.1 Company overview
- 9.9.2 Company snapshot
- 9.9.3 Operating business segments
- 9.9.4 Product portfolio

- 9.9.5 Business performance
- 9.9.6 Key strategic moves and developments
- 9.10 BinMaster
- 9.10.1 Company overview
- 9.10.2 Company snapshot
- 9.10.3 Operating business segments
- 9.10.4 Product portfolio
- 9.10.5 Business performance
- 9.10.6 Key strategic moves and developments
- 9.11 Keller America
- 9.11.1 Company overview
- 9.11.2 Company snapshot
- 9.11.3 Operating business segments
- 9.11.4 Product portfolio
- 9.11.5 Business performance
- 9.11.6 Key strategic moves and developments
- 9.12 KOBOLD Instruments
- 9.12.1 Company overview
- 9.12.2 Company snapshot
- 9.12.3 Operating business segments
- 9.12.4 Product portfolio
- 9.12.5 Business performance
- 9.12.6 Key strategic moves and developments
- 9.13 Krohne Ltd
- 9.13.1 Company overview
- 9.13.2 Company snapshot
- 9.13.3 Operating business segments
- 9.13.4 Product portfolio
- 9.13.5 Business performance
- 9.13.6 Key strategic moves and developments
- 9.14 SensorsONE
- 9.14.1 Company overview
- 9.14.2 Company snapshot
- 9.14.3 Operating business segments
- 9.14.4 Product portfolio
- 9.14.5 Business performance
- 9.14.6 Key strategic moves and developments
- 9.15 Krueger Sentry Gauge
- 9.15.1 Company overview
- 9.15.2 Company snapshot
- 9.15.3 Operating business segments
- 9.15.4 Product portfolio
- 9.15.5 Business performance
- 9.15.6 Key strategic moves and developments
- 9.16 Ayvaz
- 9.16.1 Company overview
- 9.16.2 Company snapshot

- 9.16.3 Operating business segments
- 9.16.4 Product portfolio
- 9.16.5 Business performance
- 9.16.6 Key strategic moves and developments
- 9.17 General instruments
- 9.17.1 Company overview
- 9.17.2 Company snapshot
- 9.17.3 Operating business segments
- 9.17.4 Product portfolio
- 9.17.5 Business performance
- 9.17.6 Key strategic moves and developments



To place an Order with Scotts International:

☐ - Print this form

Global Level Gauge Market By Type (Tank Level Gauges, Fuel Level Gauges, Water Level Gauges, Mechanical Level Gauges), By Technology (Magnetic, Reflexive, Transparent, Others), By End-user Industry (Oil and Gas, Chemical, Water Treatment, Marine, Others): Global Opportunity Analysis and Industry Forecast, 2021-2031

Market Report | 2022-09-01 | 250 pages | Allied Market Research

□ - Complete the l	relevant blank fields and sign			
<ul><li>Send as a scar</li></ul>	nned email to support@scotts-interr	national.com		
ORDER FORM:				
Select license	License			Price
	Cloud Access License			\$3110.40
	Business User License			\$5238.00
	Enterprise License			\$8640.00
			VAT	
			Total	
	vant license option. For any questions p at 23% for Polish based companies, ind			
Email*		Phone*		
First Name*		Last Name*		
Job title*				
Company Name*		EU Vat / Tax ID / NIP number*		
Address*		City*		
Zip Code*		Country*		

Scotts International. EU Vat number: PL 6772247784

[	Date	2025-05-07
S	Signature	