

A large, light blue world map is visible in the background, centered behind the main text. The background also features a blue sky with white clouds and a blue ocean.

***WELCOME TO  
JEONJIN ENTECH LTD.***





# CONTENTS

---

**1. HISTORY OF JEONJIN**

**2. TECHNOLOGY INSTITUTION**

**3. PRODUCT**



# The History of Company

2003

## Established JEONJIN ENTECH

2004

Registered the factory  
Developed a high-speed opening and closing device

2005

Changed to Jeonjin Entech Ltd.

2006

## ISO 9001:2000 Certificate

2007

Designated as a promising small-medium company  
Obtained certificate as a venture company [Kibo Technology Fund]

Designated as a partner company by Busan Techno Park  
Obtained INNO-BIZ certificate [Small and Medium Business Administration]

2008

Designated as a partner company by Korea Institute of Industrial Technology  
Designated as a promising small-medium company [Hana Bank]  
Established a research institute attached to the company  
Moved to own factory [275-35, Hakjang-dong, Sasang-gu, Busan]

2009

Branch Office foundation in Ulsan  
Designated as an export promising small and medium company  
Designated as a leading enterprise for strategic business [Busan Metropolitan City]

2012

**ASME 'U' & 'S' Stamp**  
**ISO 14001:2004 Certificate.**  
**OHSAS 18001:2007**



- **Headquarter 1<sup>st</sup>**
- **Column Internal**
- **Area : 7,010 m<sup>2</sup>**



- **2nd & Lab**
- **Column Internal**
- **Area : 4,429 m<sup>2</sup>**



- **PLANT Department**
- **Steel Plant, Boiler**
- **FA, Industrial machine**
- **Environmental Plant**
- **Area : 3,600 m<sup>2</sup>**



- **SYSTEM Department**
- **Pressure Vessel**
- **Quick Opening Closure**
- **Area : 1,970 m<sup>2</sup>**

## FOR CUSTOMER

Quality is the Best / Delivery is the Best / Price is the Best



# CERTIFICATE



## CERTIFICATE OF AUTHORIZATION

The named company is authorized by the American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the certification mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with this certification mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

**COMPANY:**  
**JEONJIN ENTECH LTD.**  
 275-35, Hakjang-dong, Sasang-gu  
 Busan 617-844  
 South Korea

**SCOPE:**  
**Manufacture of pressure vessels at the above location and field sites controlled by the above location (This authorization does not cover impregnated graphite)**

**AUTHORIZED:** January 31, 2012  
**EXPIRES:** January 31, 2015  
**CERTIFICATE NUMBER:** 42,066

  
 Vice President  
 Conformity Assessment

Director, Accreditation and Certification



## CERTIFICATE OF AUTHORIZATION

The named company is authorized by the American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the certification mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with this certification mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

**COMPANY:**  
**JEONJIN ENTECH LTD.**  
 275-35, Hakjang-dong, Sasang-gu  
 Busan 617-844  
 South Korea

**SCOPE:**  
**Manufacture and assembly of power boilers at the above location and field sites controlled by the above location**

**AUTHORIZED:** January 31, 2012  
**EXPIRES:** January 31, 2015  
**CERTIFICATE NUMBER:** 42,807

  
 Vice President  
 Conformity Assessment

Director, Accreditation and Certification

Certificate No. : QMS-05934



## Certificate of Registration

This is to certify that  
**JEONJIN ENTECH CO., LTD.**  
 Head Office & 1st Factory : #275-35, Hakjang-dong, Sasang-gu, Busan, Korea  
 2nd Factory : #276-8, Hakjang-dong, Sasang-gu, Busan, Korea  
 3rd Factory : #275-3, Hakjang-dong, Sasang-gu, Busan, Korea

Has been found to conform to the following standard:  
**ISO 9001:2008 / KS Q ISO 9001:2009**

for the following scope of registration covers  
**Design and Manufacture of Tower Internals, Quick Opening Closure & Waste Water Treatment Equipment**

Terms of Validity : 3<sup>rd</sup> June, 2011 - 2<sup>nd</sup> June, 2014

For the successful Implementation of a Quality Management System,  
 Registered by System Management Registration Co., Ltd.

29<sup>th</sup> April, 2011

  
 President





This certificate remains the property of SMR. Current status of this certificate is listed at the SMR and JAS-ANZ website.  
 System Management Registration Co., Ltd.  
 www.smr.co.kr

Certificate No. : EMS-K10322



## Certificate of Registration

This is to certify that  
**JEONJIN ENTECH CO., LTD.**  
 Head Office & 1st Factory : (Hakjang-dong)17, 178 gil, Hakgandae-ro, Sasang-gu, Busan, Korea  
 2nd Factory : (Hakjang-dong)16, 178 gil, Hakgandae-ro, Sasang-gu, Busan, Korea  
 3rd Factory : (Hakjang-dong)52, 178 gil, Hakgandae-ro, Sasang-gu, Busan, Korea  
 Hwajeon Factory : (Hwajeon-dong)39, 74 gil, Hwajeonsandan-Sro, Gangseo-gu, Busan, Korea

Has been found to conform to the following standard:  
**ISO 14001:2004 / KS I ISO 14001:2009**

for the following scope of registration covers  
**Design and Manufacture of Tower Internals, Quick Opening Closure & Environmental Plant Equipment**

Terms of Validity : 30<sup>th</sup> Mar., 2012 - 29<sup>th</sup> Mar., 2015

For the successful Implementation of a Environment Management System,  
 Registered by System Management Registration Co., Ltd.

30<sup>th</sup> March, 2012

  
 President





This certificate remains the property of SMR. Current status of this certificate is listed at the SMR and JAS-ANZ website.  
 System Management Registration Co., Ltd.  
 www.smr.co.kr

Certificate No. OHS-K09011



## Certificate of Registration

This is to certify that the OHSAS System of  
**JEONJIN ENTECH CO., LTD.**  
 Head Office & 1st Factory : (Hakjang-dong)17, 178 gil, Hakgandae-ro, Sasang-gu, Busan, Korea  
 2nd Factory : (Hakjang-dong)16, 178 gil, Hakgandae-ro, Sasang-gu, Busan, Korea  
 3rd Factory : (Hakjang-dong)52, 178 gil, Hakgandae-ro, Sasang-gu, Busan, Korea  
 Hwajeon Factory : (Hwajeon-dong)39, 74 gil, Hwajeonsandan-Sro, Gangseo-gu, Busan, Korea

Has been assessed Successfully by **SMR** and  
 Conforms with the following standard:  
**OHSAS 18001:2007**

Scope of Registration  
**Design and Manufacture of Tower Internals, Quick Opening Closure & Environmental Plant Equipment**

Terms of Validity : 30<sup>th</sup> Mar., 2012 - 29<sup>th</sup> Mar., 2015

30<sup>th</sup> March 2012

  
 President



#60-24, Gasan-dong, Geumcheon-gu, Seoul, Korea T. +82-2-867-2777

# Introduce Our Products for QOC

## Quick Opening Closure

- Quick Opening Closure is the device to close and open pressure vessel such as manhole, which is attached to column, more safely and quickly with a high pressure.
- Application is possible to all parts that can replace flange.



Swing-Bolt Type



Locking-Ring Type



Clamp-Ring Type

In the case of dismantling bolting type, a great large of manpower and time will be consumed.

- the generation of tremendous loss costs due to the stop of operation
- The occurrence of worker's injury



Locking-Head Type



Locking-Band Type



# Introduce Our Products for QOC



# INTRODUCE OUR PRODUCTS FOR QUICK OPENING CLOSURE



## Swing-Bolt Type

### Design Features

Swing Bolt Type QOC. Consists of Eye Bolt, Hub, Head and Self-Energized Gasket. Standard size is 6"~48", however, various sizes are available on customer's demand.

### Operating

After unlocking the Eye Bolt by turning the Hex Nut, open the head.



# INTRODUCE OUR PRODUCTS FOR QUICK OPENING CLOSURE



## Locking Ring Type

### Operating

After opening the Spilt Clamp Ring to the left and the right by turning the Handle Bolt, open the Head.

### Design Features

Locking Ring Type QOC. Consists of Reducer or Gear Box, Hub, Head, Locking Ring, and Self-Energized Gasket. Standard Size is 20"~ 96", however, various sizes are available on customer's demand.



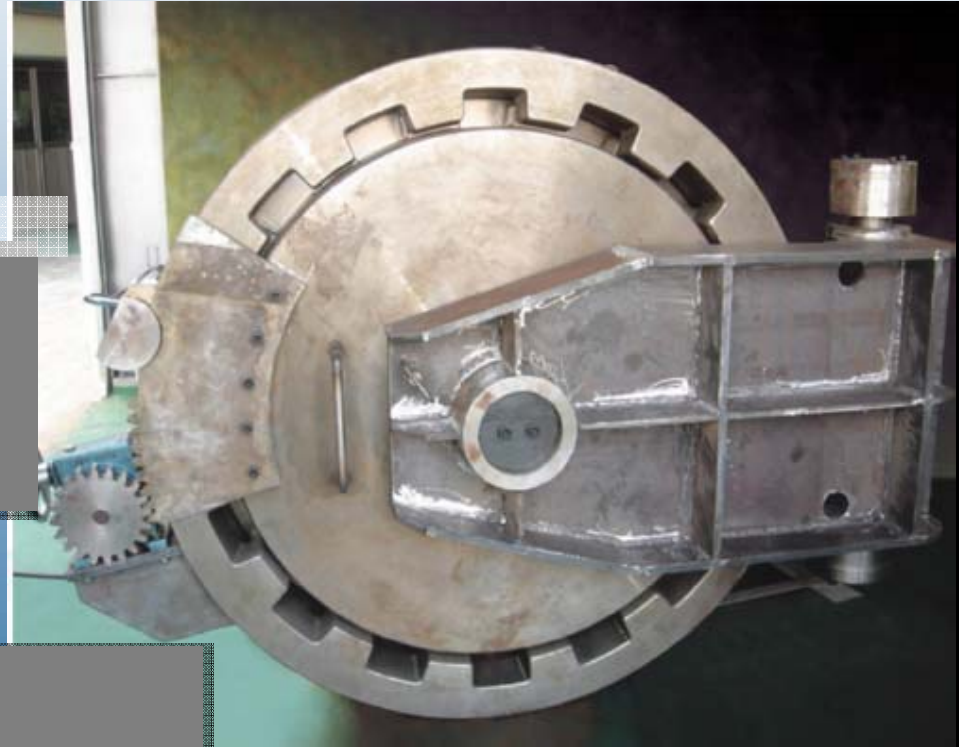


# INTRODUCE OUR PRODUCTS FOR QUICK OPENING CLOSURE

## Locking Head Type

### Design Features

The shape is similar to Locking Ring Type without a Locking Ring, and it consists of Reducer or Gear Box, Hub, Head and Self-Energized Gasket



### Operating

After rotating the Head to the Unlock location by turning the Handle on the Gear Box or the Reducer, open the Head

# INTRODUCE OUR PRODUCTS FOR QUICK OPENING CLOSURE



## Design Features

Clamp Ring Type QOC. consist of single or double Handle Bolt, Hub, Head, Spilt Clamp Ring and Self-Gasket. Standard size is 2"~42" however, various sizes are available on customer's demand.

## Clamp Ring Type

### Operating

After opening the Spilt Clamp Ring to the left and the right by turning the Handle Bolt, open the Head.



## INTRODUCE OUR PRODUCTS FOR QUICK OPENING CLOSURE



### Locking Band Type

#### Operating

Release band-lock After full out the safety pin. Open the head

# INTRODUCE OUR PRODUCTS FOR QUICK OPENING CLOSURE



## Special Operation

### Electric Automatic Operating

It consists of Electric Motor, Gear Box, Junction Box, and Control Panel.

### Pneumatic Automatic Operating

It consists of Motor, Gear Box, Control Panel and Control valve.

### Hydraulic Automatic Operating

It consists of Hydraulic Motor, Hydraulic Pump and Control Panel

\*As for regions under specific explosion-proof levels, system production is available in compliance with the explosion-proof levels.

# INTRODUCE OUR PRODUCTS FOR QUICK OPENING CLOSURE

## Special Operation (related panels)



EXPLOSION PROOF PANEL



LOCAL CONTROL PANEL



HYDRAULIC POWER UNIT



**Thank You !**