

Introduction of UBEC Inc.





● Company History

1982. 09.	Company established for CONSTRUCTION & MAINTENANCE business
1982. 12.	Obtained construction license for facilities construction & steel construction
1995. 04.	Moved head office to new building & shop
1997. 03.	Acquisition of ISO 9002 & KSA 9002
1998. 04.	Obtained of construction license for fire facilities system (electricity and machinery)
1998. 05.	Completion of shop & new corporate office building (Yongyeon Factory)
1998. 12.	Obtained construction license for heavy steel structure
1999. 01.	Obtained manufacturing permit for high pressure gas specific facilities
2001. 01.	Obtained a construction license for painting
2003. 10.	Became the first Korean contractor to be awarded submarine pipe work
2007. 01.	Changed the name to UBEC, Inc. and commence MANUFACTURING business
2007. 01.	Acquisition of ASME stamp (U,S) – Yongyeon Factory
2008. 05.	Acquisition of ASME stamp (U,U2,S) – Yeocheon Factory
2008. 12.	Obtained construction license for gas facilities construction
2008. 12.	Won "The tower of the Export Award" (\$20,000,000 & \$30,000,000)
2009. 10.	Daejuk factory completed
2012. 02.	Registered as a subcontractor of FLUOR
2013. 01.	Acquisition of National Board (R) – Yongyeon Factory
2013. 07.	Registered as a subcontractor of SABIC
2014. 06.	Acquisition of ISO 14001:2004
2014. 08.	Acquisition of OHSAS 18001:2007
2015. 10.	Relocate 2 nd factory at Ulju-gun, Ulsan.
2017. 12.	Acquisition of ISO 9001:2015

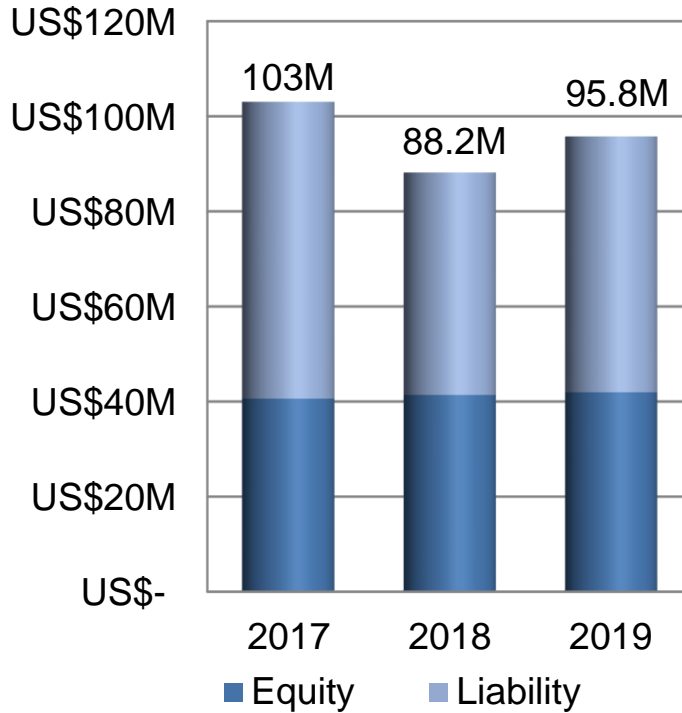
◆ Company General

- ◆ Factory Summary
- ◆ Factory Information
- ◆ Organization
- ◆ Manpower List
- ◆ Certificates
- ◆ Business Scope
- ◆ Major Experience List
- ◆ Company Location



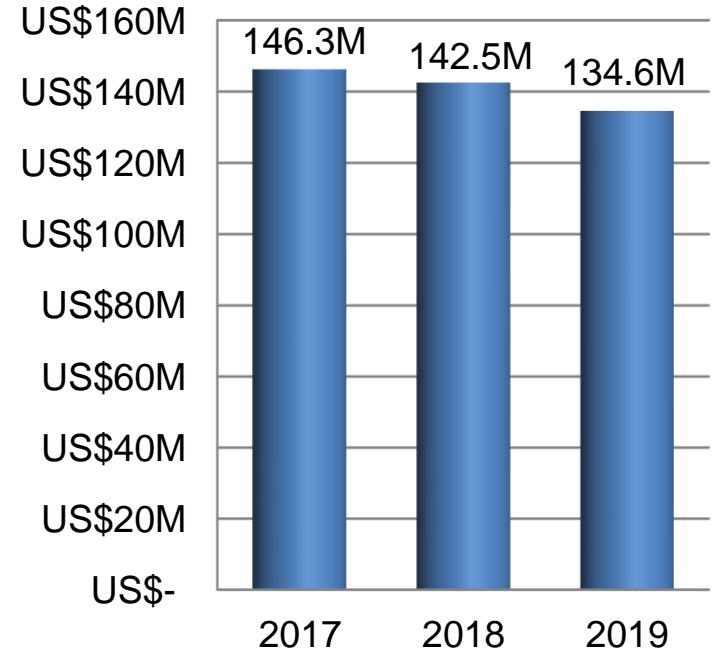
Financial Status Information (Recent 3 years / 2017 ~ 2019)

ASSET (With Liab./Equity Ratio)



Div.	2017	2018	2019
Debt Ratio	154%	113%	128%

SALES

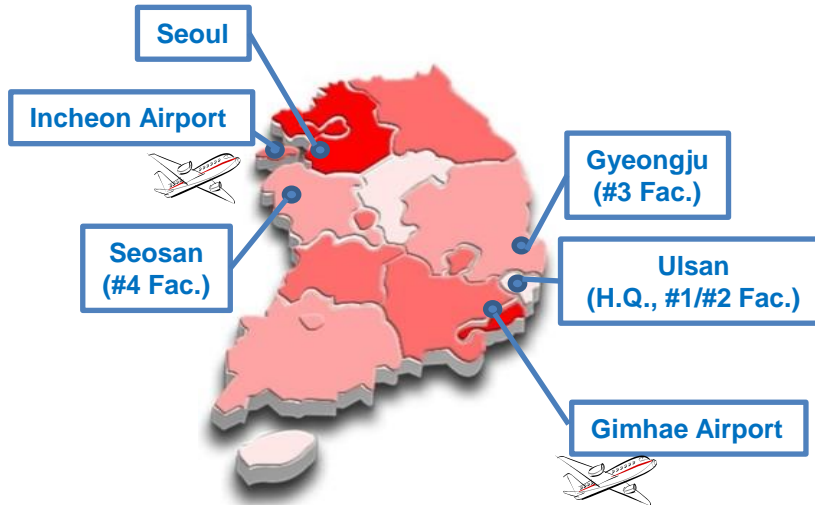


Average ratio per division	
Construction Div.	80%
Manufacturing Div.	20%

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● Factory Summary



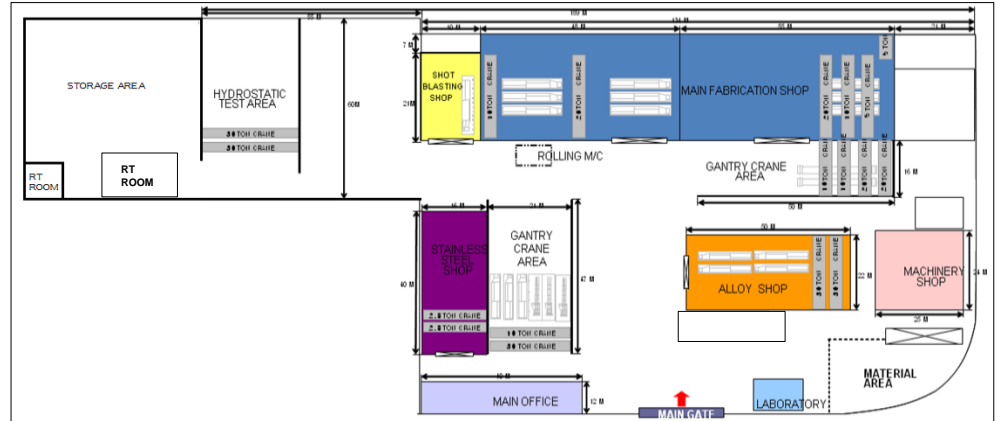
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Factory Name	Address	Indoor (m ²)	Outdoor (m ²)	Total (m ²)	Main Product
Ulsan #1 Factory	#106, Yongyeon-ro, Nam-gu, Ulsan, KOREA	9,389	11,575	20,964	Heat Exchanger Pressure Vessel Tower / Reactor
Ulsan #2 Factory	#243-46, Cheoyongsanup-ro, Cheongnyang-myeon, Ulju-gun, Ulsan, KOREA	5,830	11,050	16,880	
Gyeongju Factory	#1102-3, Naecheon-ri, Oedong-eup, Gyeongju Si, Gyeongbuk, KOREA	3,874	9,443	13,317	Piping Steel Structure
Daejuk Factory	#26-10, Daejuk-ri, Daesan-eup, Seosan Si, Chung-nam, KOREA	6,801	46,894	53,695	
Total Area		25,894	78,962	104,856	

1. Ulsan #1 Factory Lay-out



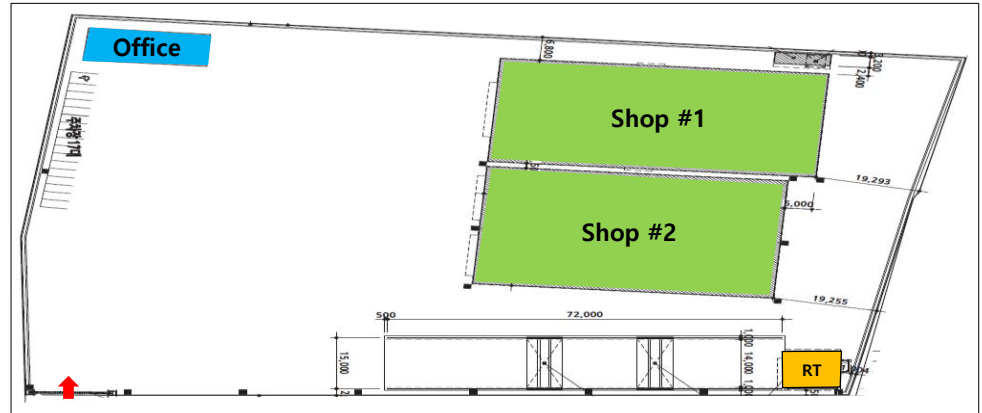
Indoor	9,389m ²
Outdoor	11,575m ²
Total	20,964m²



2. Ulsan #2 Factory Lay-out



Indoor	5,830m ²
Outdoor	11,050m ²
Total	16,880m²

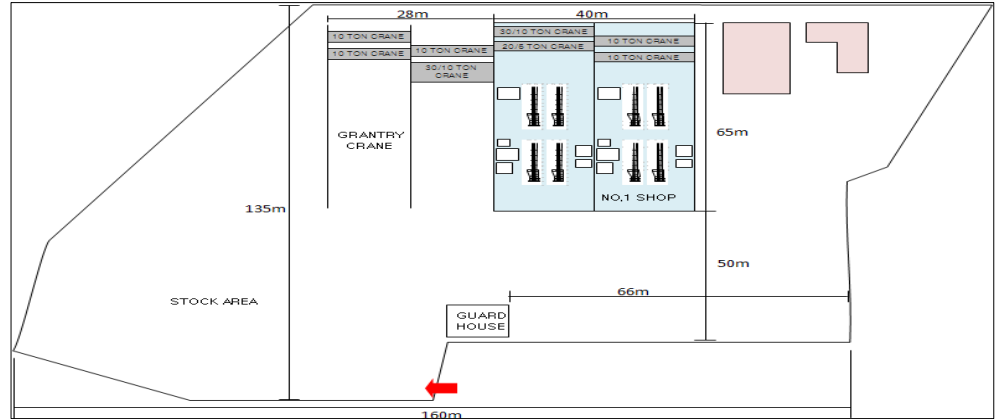


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3. Gyeong-ju Factory Lay-out



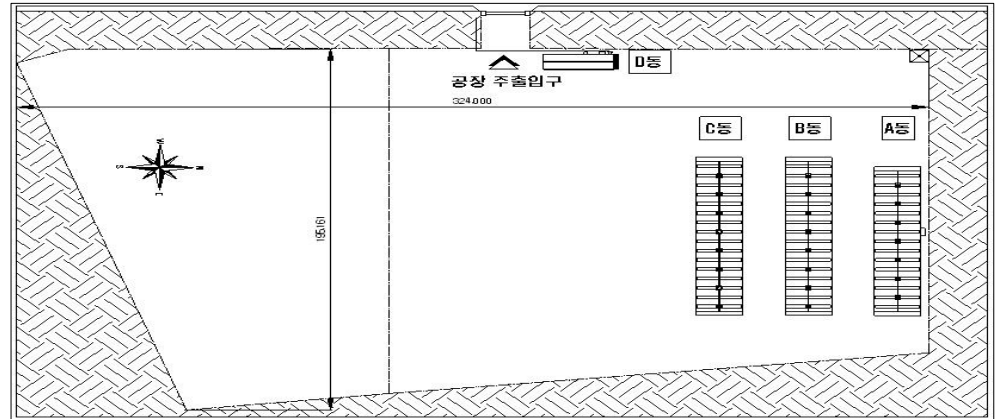
Indoor	3,874m ²
Outdoor	9,443m ²
Total	13,317m²



4. Dae-juk Factory Lay-out



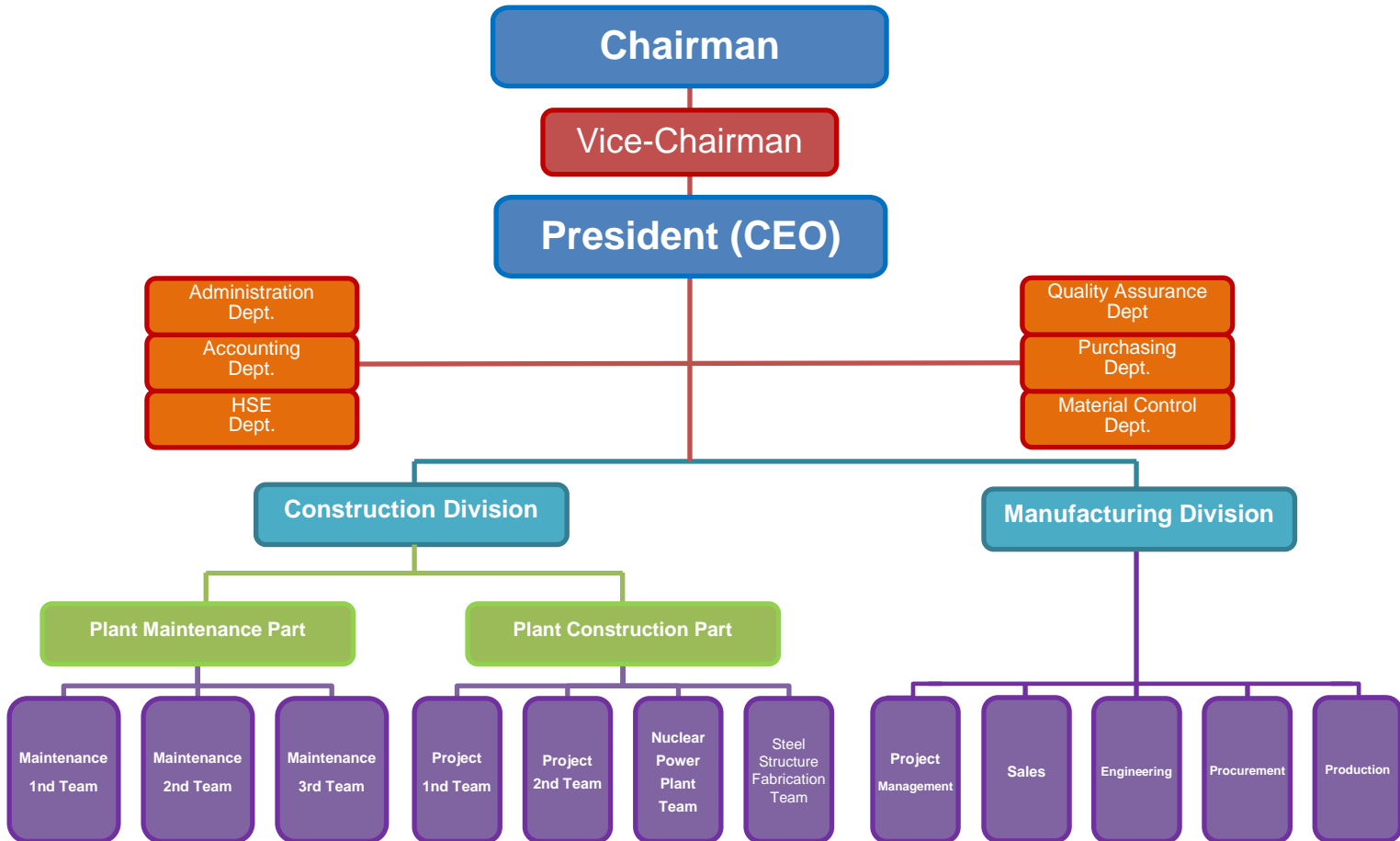
Indoor	6,801m ²
Outdoor	46,894m ²
Total	53,695m²



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Organization



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● Manpower List

UBEC Inc.			
Description	Construction	Manufacturing	Total
Design & Engineer	-	7	7
Production & Processing	50	10	60
Quality Assurance & Control	30	10	40
Business & Executive	10	8	18
Project Management	10	5	15
Regular Employee Total	100	40	140
Worker	380	80	460
Total	480	120	600

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Management System Certificates



**ISO 9001:2015
Quality
Management System**



**ISO 14001:2004
Environmental
Management System**

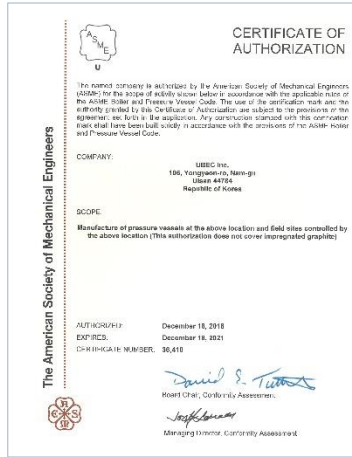


**ISO 45001:2018
Safety & Health
Management System**

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Certificates For Manufacturing

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- ◆ Business Scope
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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 solidly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:
UBEC Inc.
106, Yonggwan-ro, Nam-gu
Ulsan 44704
Republic of Korea

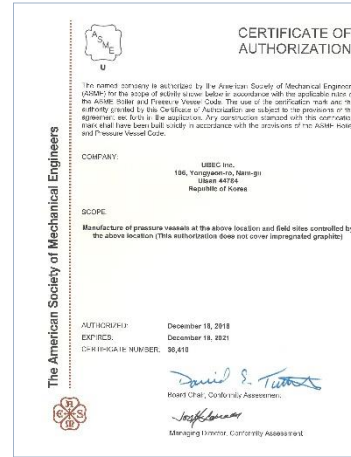
SCOPE:
Manufacture of pressure vessels at the above location and field sites controlled by the above location (This authorization does not cover insipregated graphics)

AUTHORIZED: December 18, 2018
EXPIRES: December 18, 2021
CERTIFICATE NUMBER: 36,410

Daniel S. Tuttle
Board Chair, Conformity Assessor

Joseph Lawrence
Managing Director, Conformity Assessor

**ASME “U” STAMP
#1 Factory**



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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 solidly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:
UBEC Inc.
106, Yonggwan-ro, Nam-gu
Ulsan 44704
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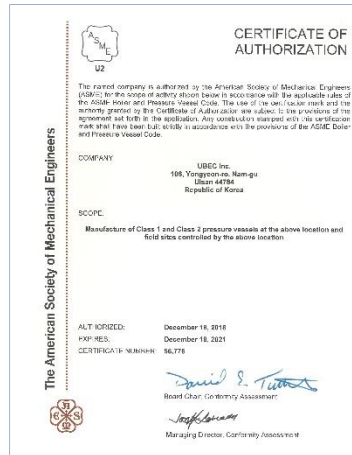
SCOPE:
Manufacture of pressure vessels at the above location and field sites controlled by the above location (This authorization does not cover insipregated graphics)

AUTHORIZED: December 18, 2018
EXPIRES: December 18, 2021
CERTIFICATE NUMBER: 36,410

Daniel S. Tuttle
Board Chair, Conformity Assessor

Joseph Lawrence
Managing Director, Conformity Assessor

**ASME “U” STAMP
#2 Factory**



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 solidly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:
UBEC Inc.
106, Yonggwan-ro, Nam-gu
Ulsan 44704
Republic of Korea

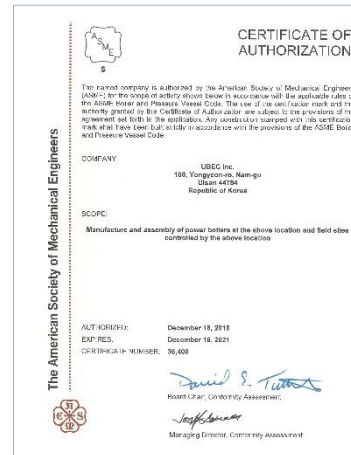
SCOPE:
Manufacture of Class 1 and Class 2 pressure vessels at the above location and field sites controlled by the above location

ALT. AUTHORIZED: December 18, 2018
EXPIRES: December 18, 2021
CERTIFICATE NUMBER: 36,778

Daniel S. Tuttle
Board Chair, Conformity Assessor

Joseph Lawrence
Managing Director, Conformity Assessor

**ASME “U2” STAMP
#1 Factory**



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 solidly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:
UBEC Inc.
106, Yonggwan-ro, Nam-gu
Ulsan 44704
Republic of Korea

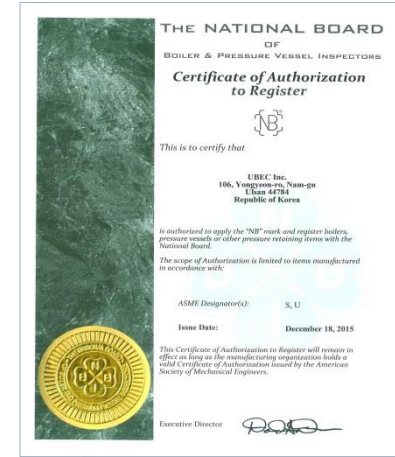
SCOPE:
Manufacture and assembly of power boilers at the above location and field sites controlled by the above location

ALT. AUTHORIZED: December 18, 2018
EXPIRES: December 18, 2021
CERTIFICATE NUMBER: 36,609

Daniel S. Tuttle
Board Chair, Conformity Assessor

Joseph Lawrence
Managing Director, Conformity Assessor

**ASME “S” STAMP
#1 Factory**



**THE NATIONAL BOARD
OF
BOILER & PRESSURE VESSEL INSPECTORS**

**Certificate of Authorization
to Register**

This is to certify that

UBEC Inc.
106, Yonggwan-ro, Nam-gu
Ulsan 44704
Republic of Korea

is authorized to apply the “NB” mark and register boilers, pressure vessels or other pressure retaining items with the National Board.

The scope of Authorization is limited to items manufactured in accordance with:

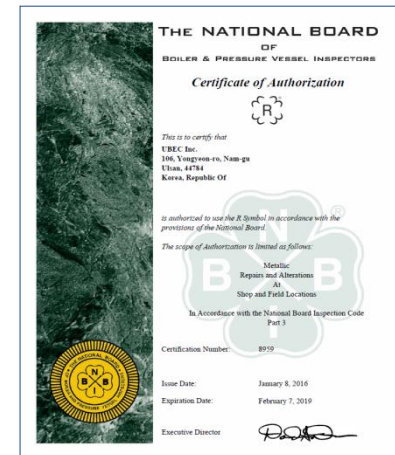
ASME Designator(s): S, U

Issue Date: December 18, 2015

This Certificate of Authorization to Register will remain in effect as long as the manufacturing organization holds a valid Certificate of Authorization issued by the American Society of Mechanical Engineers.

Executive Director *[Signature]*

**NATIONAL BOARD
CERTIFICATE**



**THE NATIONAL BOARD
OF
BOILER & PRESSURE VESSEL INSPECTORS**

Certificate of Authorization

This is to certify that

UBEC Inc.
106, Yonggwan-ro, Nam-gu
Ulsan 44704
Korea, Republic Of

is authorized to use the “R” Symbol in accordance with the provisions of the National Board.

The scope of authorization is limited as follows:

Monitor
Repairs and Alterations
At
Shop and Field Locations

In Accordance with the National Board Inspection Code Part 3

Certification Number: 8939

Issue Date: January 8, 2016
Expiration Date: February 7, 2019

Executive Director *[Signature]*

**NATIONAL BOARD
“R” STAMP**

● Certificates For Construction



◎ Manufacturing for Special Facility



◎ Registration Certificate of Business Proprietor

◎ Registration Certificate of Plant



◎ Machinery Facility Construction

◎ Steel Structure Construction

◎ Heavy Wall Construction

◎ Paint Construction

◎ Gas Facilities Construction

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● Scope of Business

- Manufacturing Div.

Heat Exchanger
Pressure Vessel & Tank
Tower
Reactor
Heavy Wall Piping

Annual Capacity : 5,500 ton

- Construction Div.

Power Piping Fab' & Installation
Field Maintenance Work

Annual Capacity : 500,000 Dia-Inch

Steel Structure Fab' & Installation

Annual Capacity : 20,000 Ton

- Maximum Handling Capacity

Thickness : Max. 150 mm
Diameter : Max. 6 m
Length : Max. 60 m
Weight : Max. 300 ton

- Competitive Manufacturing Range

Thickness : Avg. 20 ~ 80 mm
Diameter : Avg. 3 ~ 4 m
Length : Avg. 20 ~ 40 m
Weight : Avg. 50 ~ 150 ton

● Manufacturing Division

Static Equipment
S&T / Double Pipe Heat Exchangers
Pressure Vessels · Towers · Reactors



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● Manufacturing Division

Skids - Flare stacks



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● Plant Construction Division (Construction Part)

Pipe Spool Pre-Fab.



Field Piping Work



CRT & FRT Work



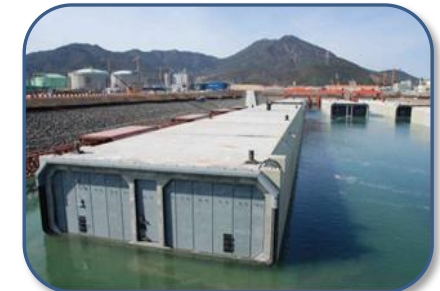
Nuclear Power Plant Work



Steel Structure Work



Sub Sea Tunnel Work



Equipment Installation



Pipe Rack Work



Building Structure



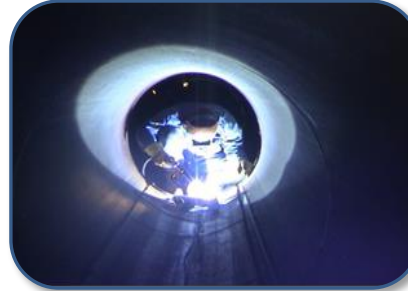
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● Plant Construction Division (Maintenance Part)

Submarine Pipe Pigging



Submarine Pipe Insp. & Repair



Buoy & Hose Repair



Maintenance Turnaround & Catalyst



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Registration of Major Clients



Fluor Supply Chain Solutions Pre-Qualification Status in the equipment category of Mechanical Static Equipment

Product	Material	Maximum Dimension
Pressure Vessel (Column, Tower, Drum, Separator, Vessel, Reactor, Tank)	Carbon Steel (with/without Clad or Overlay)	Diameter - 7.0 m, Length - 50.0 m, Shell Thickness - 80.0 mm, Weight - 200.0 MT
	Stainless Steel, Duplex Stainless Steel	Diameter - 7.0 m, Length - 50.0 m, Shell Thickness - 50.0 mm, Weight - 200.0 MT
Shell & Tube Heat Exchanger	Shell : Carbon Steel (with/without Clad or Overlay) Tube : Carbon Steel, Stainless Steel, Duplex Stainless Steel, Non Ferrous(Inconel, Monel)	Diameter - 5.0 m, Length - 15.0 m, Shell Thickness - 80 mm, Tube sheet Thickness - 450.0 mm, Weight - 200.0 MT
	Shell : Stainless Steel, Duplex Stainless Steel Tube : Carbon Steel, Stainless Steel, Duplex Stainless Steel, Non Ferrous(Inconel, Monel)	Diameter - 5.0 m, Length - 15.0 m, Shell Thickness - 50 mm, Tube sheet Thickness - 450.0 mm, Weight - 200.0 MT
Double Pipe Heat Exchanger	Carbon Steel, Stainless Steel, Duplex Stainless Steel	.

has been conferred upon the

UBEC Inc.

facility located at

106, Yongyeon-ro, Nam-gu, Ulsan, 44784, South Korea.

This designation is effective from 17th September, 2020 till two year.



Pre-qualification status is conferred based upon the review of information and observations by Fluor SC3 and is subject to the provisions of the pre-qualification program. No recommendation or endorsement is intended. Questions may be referred to FluorSC3@Fluor.com.

- FLUOR (U.S.A.)

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-Achilles Chemicals & Allied Industries SABIC (K.S.A.) / ORPIC (OMAN)

- ADNOC (U.A.E.)



● Major clients (International)

FLUOR®



سابك
sabik

سافكو
safco



Saipem



TECNICAS REUNIDAS



中鼎工程股份有限公司
CTCI CORPORATION



**Burckhardt
Compression**



THE LINDE GROUP



**PROCESS COMBUSTION
CORPORATION**



PDVSA

HITACHI
Inspire the Next



CPC Corporation, Taiwan

KOBELCO
KOBELCO STEEL GROUP



PERTAMINA

Rominser
industrial services & maintenance

台塑石化股份有限公司
FORMOSA PETROCHEMICAL CORPORATION



Chandra Asri
Petrochemical

PETROVIETNAM
BSR

سوناطرا
sonatrach

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● Major clients (Domestic)



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- ◆ **Company Location**

Worldwide Partnership



Address

#106, Yongyeon-ro, Nam-gu, Ulsan, Korea
 Zip code : 44784

Contact point

Head Office	Tel : +82-52-257-8352	Fax : +82-52-257-8360
Plant Manufacturing	Tel : +82-52-257-8334	Fax : +82-52-257-8336
Plant Maintenance	Tel : +82-52-208-6841,45	Fax : +82-52-208-6323
Plant Construction	Tel : +82-52-256-8340	Fax : +82-52-257-8360

▶ E-mail : ubec@ubec.co.kr ▶ Home page : www.ubec.co.kr

THANK YOU

