



CENTER ENAMEL

Shijiazhuang Zhengzhong Technology Co., Ltd

GFS Tanks | Epoxy Tanks | SS Tanks | Aluminum Dome Roofs

Storage solutions





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Center Enamel Tanks overseas successful project reference list

▶ About Company



- Professional manufacturer dedicated to the design and fabrication of enameled products since 1989.
- We begin with: enamel frit | enameled cookware
Glass-Fused-to-Steel (GFS) tanks
- Now we can also provide various types of bolted tanks:
Epoxy tanks | Stainless Steel Tanks | HDG tanks
Aluminum Geodesic Dome Roofs
- **Current factory area :** 50,000m²
- **Current production ability :** 150,000 pc of sheets/year
- **Design Standard:** AWWA D103, OSHA, EN28765, EuroCode

Center Enamel is not only the first manufacturer in China which produces Glass Fused to Steel Tanks, but also the most experienced professional bolted tanks manufacturer in Asia.



▶ Our New Production Base

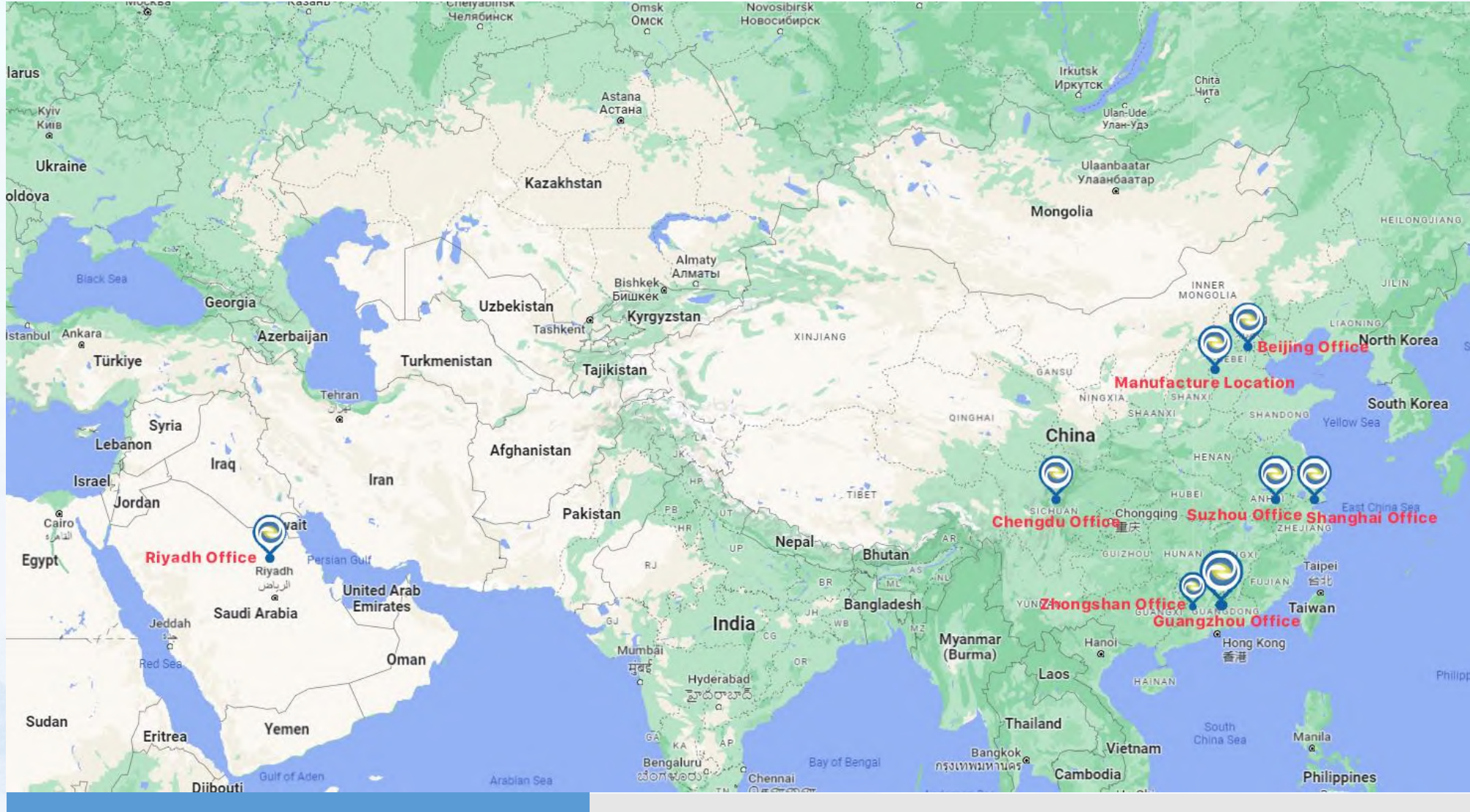
UNDER CONSTRUCTION!~

- Plant area: 100,000m²
- Production ability: 250,000 pc sheets/year

- Concrete building finished: August
- Production line: September
- Trial production: October
- Formal production: end of 2023



▶ Our Global Offices



► Successful Projects Worldwide



- **Center Enamel** has shipped its products to 90 countries around the world, and it is still reaching out to the world today.



▶ Our Advantages



WHY Choose Center Enamel Tanks :



Laboratory Room



- 01** **More than 30 years experience in Enameling industry**
The only GFS tanks manufacturer which can produce enamel frit as well
- 02** **Engineering Design Standards- AWWA D103, OSHA, ISO28765, EUROCODE**
The only Asian GFS tanks manufacture which can be widely accepted in US market
- 03** **Professional Experience with international Market**
Successful GFS tanks projects in more than 90 countries worldwide
- 04** **Cooperate with Well-known international Corporations**
Coca-Cola, Paques, CECEP, China Power, AbInBev, Sinopec, Wilmar, Porsche, CNNC etc.

International Certifications



ISO9001 Certificate



NSF/ ANSI 61 Certificate



FDA Certificate



International Certifications



ISO/EN 28765

SIRIM QAS International Sdn. Bhd. (410334-X)
No. 1, Persiaran Dato' Menteri, P.O. BOX 7035, Section 2,
40700 Shah Alam, Selangor Darul Ehsan, Malaysia
Tel: 03-55445168 Fax: 03-55446688
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SIRIM QAS INTERNATIONAL

TEST REPORT

REPORT NO : 2019CE0555-S1 PAGE : 1 OF 4

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THIS TEST REPORT IS ISSUED IN SECURED PDF SOFTCOPY

Applicant : PRODUCT CERTIFICATION & INSPECTION SECTION, Building 25, SIRIM QAS INTERNATIONAL SDN BHD (Attn: En Waheedir Yahaya) File No: P5-012861

Manufacturer : Licensee: ZENTRAL ENTERPRISE SDN BHD Lot 20-3A (A), Jalan PUJ 8/5G, Bandar Damansara Perdana, 47820 Petaling Jaya, Selangor Darul Ehsan, Malaysia.

Manufacturer: SHIJIAZHANG ZHENGZHONG TECHNOLOGY CO. LTD. Huanan East Road 81#, Zhengding, Shi Jiazhuang, 050800 Shijiazhuang City, Hebei Province, China.

Product : Vitreous and Porcelain Enamels Bolted Steel Tanks for the Storage or Treatment of Water

Reference Standard / Method of Test : ISO 28765 : 2016 – Title: Vitreous and porcelain enamels– Design bolted steel tanks for the storage or treatment of water or municipal or industrial effluents and sludges

Description of sample / Description of Test Specimen : Received one (1) sample of Vitreous and Porcelain Enamels Bolted Steel Tanks for the Storage or Treatment of Water for testing which was identified as: Brand : Center Enamel


Date Received of Complete Application Job No. : 21 February 2019 : J20191400219


Description of Test Results / Overall Test Result : The submitted test sample as described in this test report complied with all the requirements of the above Reference Standard.

Issued Date : 14 May 2019

Approved Signatories:



(MUHAMMAD RIZAL BIN ABDUL) Testing Executive


(HAHNAS BINTI MAHBUT) Head


Chemical & Consumer Section Testing Services Department

WRAS

Approval Number 2211553
Test Report: MA7772-Y


Water Regulations Approval Scheme Ltd.
Unit 13,
Willow Road,
Pen y Fan Industrial Estate,
Cwmfin,
Gwent,
NP11 4EG

9th December 2022
Shijiazhuang Zhengzhong Technology Co., Ltd.
Huanan East Road 81#,
Zhengding,
Shijiazhuang City,
Hebei Province,
China

WATER REGULATIONS APPROVAL SCHEME LTD. (WRAS)
MATERIAL APPROVAL

The material referred to in this letter is suitable for contact with wholesome water for domestic purposes having met the requirements of BS6920-1:2000 and/or 2014 'Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water.'

The reference relates solely to its effect on the quality of the water with which it may come into contact and does not signify the approval of its mechanical or physical properties for any use.

COATINGS, PAINTS & LININGS- FACTORY APPLIED PIPE & FITTINGS COATINGS. 5030

'CEC-GFS Enamel, Black Blue RAL5004', Factory applied, blue/black (appears black) coloured, enamel coating.

Apply as per manufacturer's instructions 'ZZ-Ins001', dated 2021.01.01'.

GFS-Q base glaze: dry for 15 Minutes at 200°C then fire for 12 minutes at 870°C.
GFS-S surface glaze: dry for 15 Minutes at 200°C then fire for 10 minutes at 830°C.

For use with water up to 85°C.


This material is only approved for the drying and firing conditions that appear on the approval. If the drying and/or firing are from those specified on the approval then the material is not covered by the scope of the approval.

APPROVAL NUMBER: 2211553
APPROVAL HOLDER: SHIJIAZHANG ZHENGZHONG TECHNOLOGY CO., LTD.

The Scheme reserves the right to review approval.
Approval 2211553 is valid between November 2022 and November 2027

An entry, as above, will accordingly be included in the Water Filings Directory on-line under the section headed, 'Materials which have passed full tests of effect on water quality'.

The Directory may be found at: www.wrasapprovals.co.uk/approvals-directory/

Yours Faithfully

Ian Hughes
WRAS Approvals Manager

The Water Regulations Approval Scheme Ltd. Registered in England No. 130394 Registered office: 4D Linck Close, Hazel Grove, Stockport, SK7 5ED
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BSCI Certificate

Producer: Shijiazhuang Zhengzhong Technology Co., Ltd

DREG: 346226 and Audit ID: 75994 Audit Date: 20/03/2017
Audit Type: Follow-up Audit

 BSCI
Business Social Compliance Initiative

Auditee: Shijiazhuang Zhengzhong Technology Co., Ltd

Audit Date From: 20/03/2017

Audit Date To: 20/03/2017

Expiry Date of the Audit: Please refer to the producer profile in the BSCI platform

Auditing Company: UL-RS

Auditor's Name(s): Justin Jia(Lead)

Auditing Branch (if applicable):



BSCI Audit Summary Report

This is an extract of the on line Audit Report. The complete report is available in the BSCI Platform.
Access www.bsciplatform.org, for entitled users only.

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This is an extract of the BSCI Audit Report, which is available in the BSCI Platform. © Foreign-Trade Association (FTA), 2013 - The English version is the legally binding one.

 BSCI
Business Social Compliance Initiative

www.bsciplatform.org

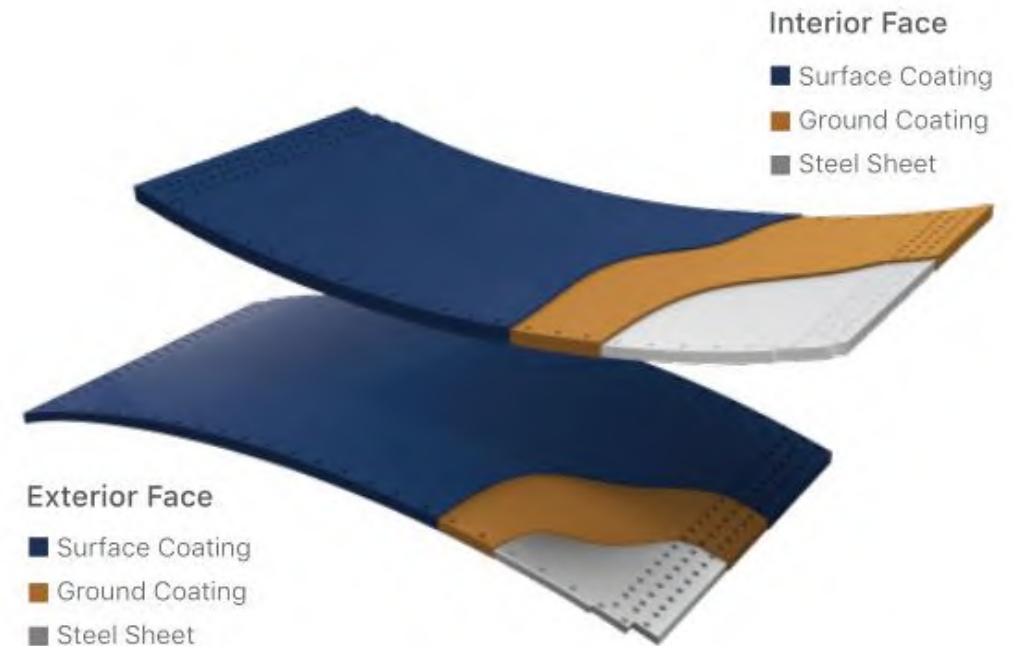
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▶ What is Glass-Fused-to-Steel ?

After firing at 820 ° C-930 ° C high temperature, the molten glass reacts with the steel plate surface to form an inert and inorganic bond, which combines the strength & flexibility of steel and outstanding corrosion resistance of glass, therefore GFS tanks can provide many advantages over standard epoxy or welded painted storage tanks. Glass-Fused-to-Steel technology is the premium coating technology in the storage tanks market, and GFS tanks are widely used in bio-energy, potable water storage, municipal sewage, landfill leachate, industrial wastewater treatment and other applications.

Enameling Technologies: 2C1F, 2C2F, 3C3F

Double Coating Layer Structure (2C2F)



▶ Comparison of 3 enameling technologies

| Enamel Coating | 2C1F (2 coating 1 firing) | 2C2F (2 coating 2 firing) | 3C3F (3 coating 3 firing) |
|-------------------|--|---|---|
| Application | Agriculture water Fire water storage Drinking water storage Sludge tank AD tank (liquid area) Filter tank, dry bulk storage Temporary storage Municipal sludge treatment (open roof) | Industrial wastewater Treatment Sea water landfill leachate AD tank (gas area) municipal sludge treatment (with roof) | Special application Irritant waste water treatment Chemical industrial wastewater High temperature application |
| PH | 3-10 | 2-10 | 2-11 |
| Coating thickness | 210-430um | 240-460um | 270-480um |
| Test method | Holiday test | holiday test | Holiday test |
| Testing voltage | 900V | 1500V | 1500V |
| Tank color | Black blue | Black blue, Dark green Other customized colors | Black blue, Dark green Other customized colors |

▶ Properties of Center Enamel GFS Tanks



| | |
|---------------------------|--|
| Coating Color | Black blue, Grey olive, Forest green, Cobalt blue, Desert tan etc. |
| Coating thickness | 10- 18 mils, 230-480 microns |
| Acid and alkalinity proof | Standard PH: 3~11, Special PH:1~14 |
| Adhesion | 5,000 psi |
| Hardness | 6.0 (Mohs) |
| Service life | ≥30 Years |
| Holiday test | > 900V / 1500V |
| Permeability | Gas liquid impermeable |
| Easy to clean | Smooth, glossy, inert, anti-adhesion |
| Corrosion resistance | Excellent, suitable for wastewater, salt water, sea water, high sulfur crude oil, salt fog organic and inorganic compounds |



Light Blue



Light Grey



Dark Green



Tan



Dark Blue



Forest Green



White



Cobalt Blue

▶ Why choose Glass-Fused-to-Steel ?



GFS Tanks Advantages :

- **Short Installation Time**: prefabricated, rapid and simple
- **Low Capital Investment**: very low maintenance cost
- **30 Years Service Life**: superior corrosion resistance
- **Attractive Appearance**: color can be customized
- **Quality Control**: according to international standards
- **Flexibility**: re-model, extend, dismantle and relocate



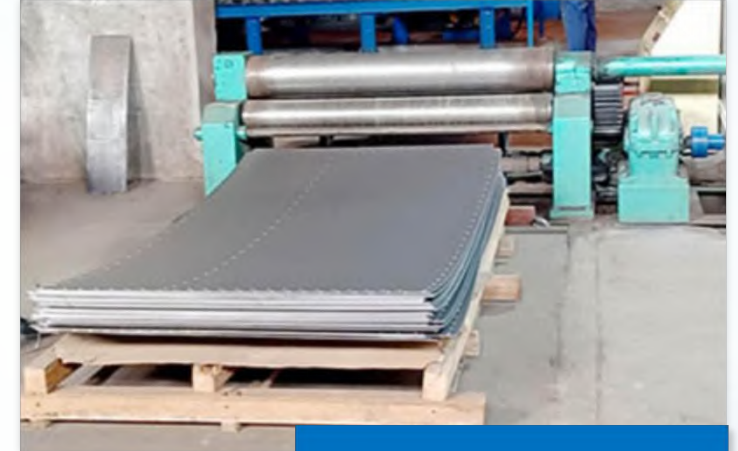
▶ Main Production Steps of GFS Tanks



01 CNC Laser Cutting



02 Steel Pre-treatment



03 Arc Bending



04 Automatic Enamel Spraying

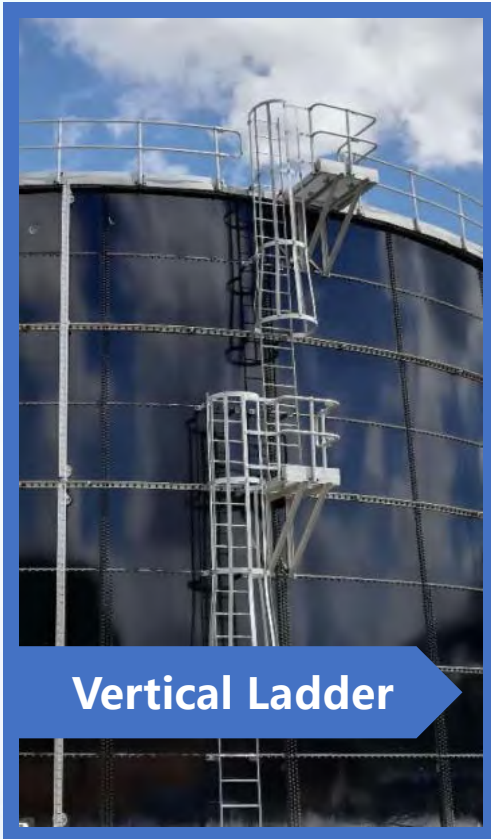


05 High Temperature Tunnel Oven



06 Product Inspection

▶ Main Accessories of Tanks



Vertical Ladder

HDG / Stainless steel / Epoxy
Monkey ladder/ Spiral staircase



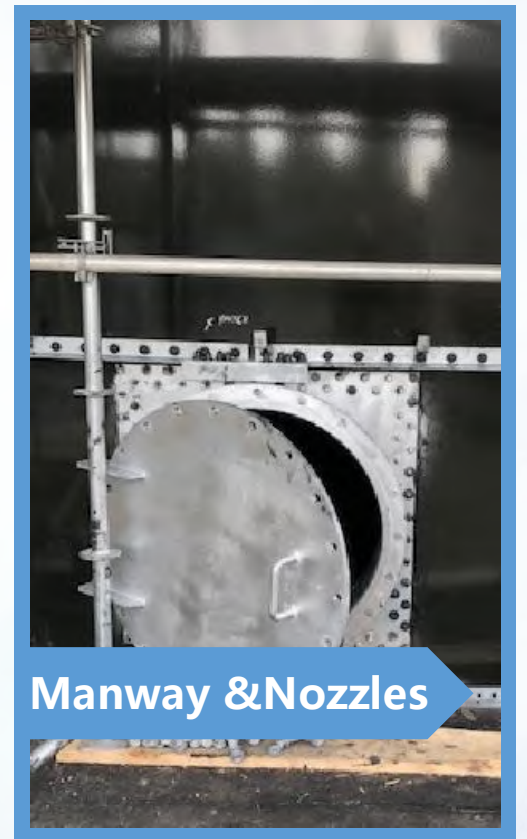
Roof handrails

Partial guardrail/ perimeter guardrail



Top Platform

With handrail & kickboard



Manway & Nozzles

HDG/ SS/ Epoxy Coating

▶ Quality Control

Raw Material Test: raw materials ingredient analysis, impurity test etc.

Enamel Formula Test: enamel fluidity test, acid and alkali resistance test, adherence / impact test

Inspection During Production: magnify experiment simulated operation environment

Final Quality Test: impact test, 1500V/1100V holiday test, coating thickness, color difference test

**Acid and Alkali
Resistance Test**



Adherence Test



1500V Holiday Test



Enamel Thickness Test



▶ Packages and Container Loading



Small items

Small items such as bolts, nuts are packaged in wood pallet, then wrapped with plastic film



Enamel sheet

Enamel sheets are well packaged in wood pallet with max. weight limitation 3T



Container Loading

Enamel sheet pallet in the middle, long items such as rafters at left/right sides, light items on top of wood pallet



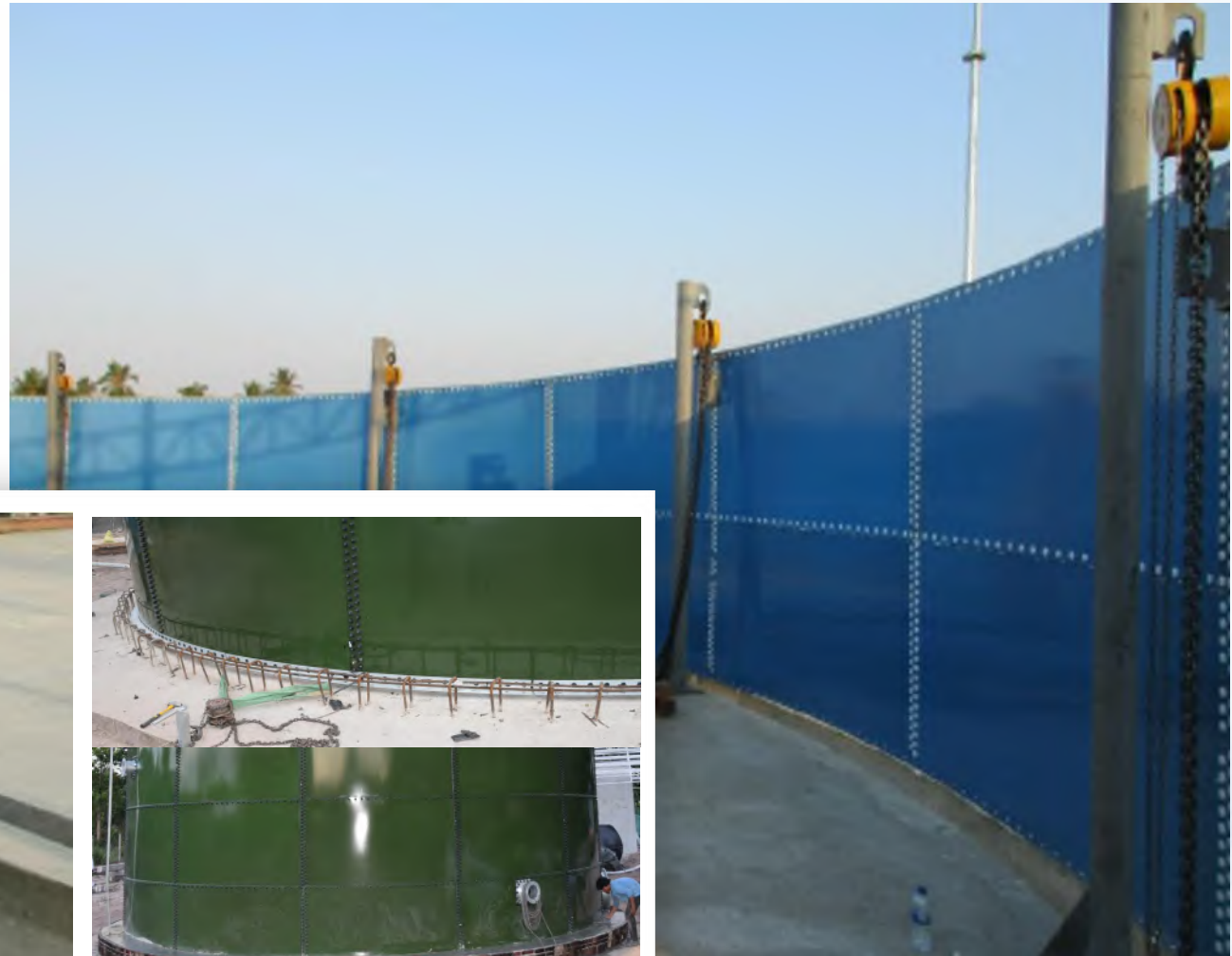
▶ GFS Tanks Installation

GFS Tanks Foundation Types:

1. Embedded bottom ring
2. Starter ring
3. Above floor
4. Enamel floor

Main Installation Tools:

- Jacks or Steel Poles



▶ GFS Tanks Installation

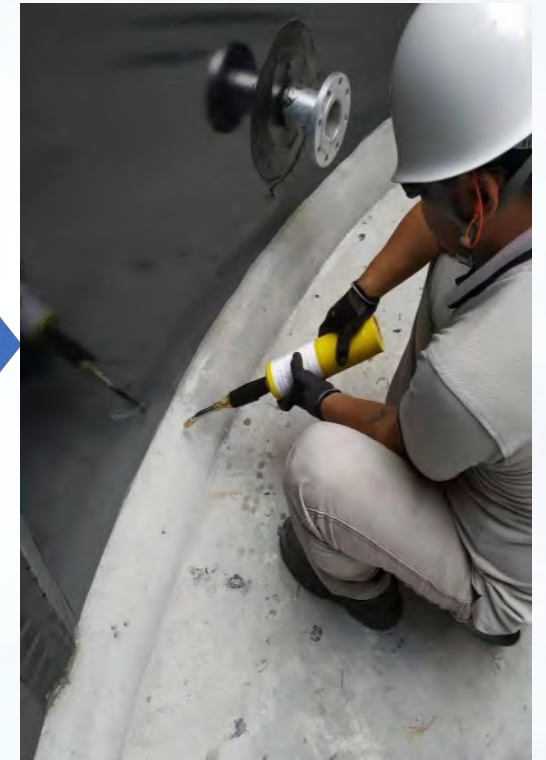
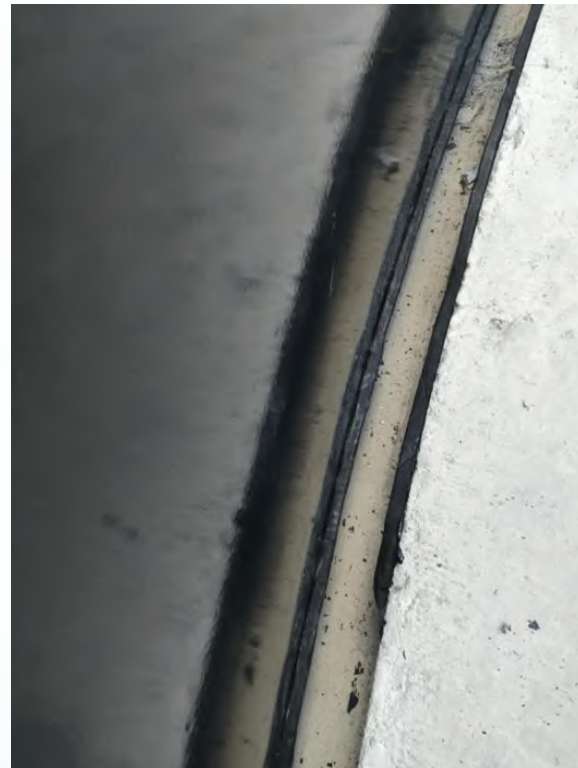


Apply the Sealant

Install the top ring

Lifting up top ring

▶ GFS Tanks Installation



Install the base angles



Water-expanding rubber strip



Waterproof sealant



C28/35 Protective Layer



Storage Tanks ◀

Worldwide Projects Reference

▶ Project reference - Asia

Coca-Cola Plant Wastewater Treatment – Bandar Enstek, Seremban, **Malaysia**

Project Details:

EGSB tank with enamel roof: 7.64*17.4M

Adjusting tank with aluminum deck roof: 9.17*16.8M

Installation finished: October 2016



▶ Project reference - Asia

2008 Beijing Olympic Games Project

**Sewage Treatment Rebuild
and Capacity Expansion**

Project Details:

4 *Sedimentation tanks: $\text{Ø}18.33 \times 3.6\text{M}$

1 *Sludge Collection tank: $\text{Ø}4.82 \times 3.6\text{M}$

Total capacity: 5200m³

Installation: 12 people for 15 days

Installation finished : August 2005



▶ Project reference - Asia



SINOPEC Wastewater treatment - Quanzhou, China

Project Details: 2 sets of \varnothing 19.11*20.4m, 1 set of \varnothing 13.75*21.6m, 1 set of \varnothing 13.75*20.4m

Roof type: enamel roofs

Installation finished: Jun., 2019



▶ Project reference - Asia

Kazakhstan Biogas Tank Project

Project Details:

2 sets of Biogas tanks: $\text{Ø } 17.16 \times 15.6\text{M}$

Roof Type: GFS roof

Installation finished : July 2014



▶ Project reference - Asia



HK Veolia Landfill Leachate Treatment Project

Project Details:

2 units EQ tank with GFS roof: 15.29x6M

3 units SBR tank without roof: 26.75x8.4M

1 unit SBR effluent tank with GFS roof: 15.29x6M

2 units sludge holding tank with GFS roof: 9.93x4.8M

1 unit sludge thickener tank with GFS roof: 11.46x6M

1 unit thickened sludge holding tank with GFS roof: 4.59x4.8M

1 unit treated effluent tank with GFS roof: 7.64x4.8M

Tank Color: **inner white, outer cobalt blue**

Installation finished: Oct., 2019



▶ Project reference - Asia

Inner Mongolia Biogas Project

3 sets of biogas digester with size \varnothing 25.22*8.4M

Roof type: double membrane

Installation finished: 2016



▶ Project reference - Asia

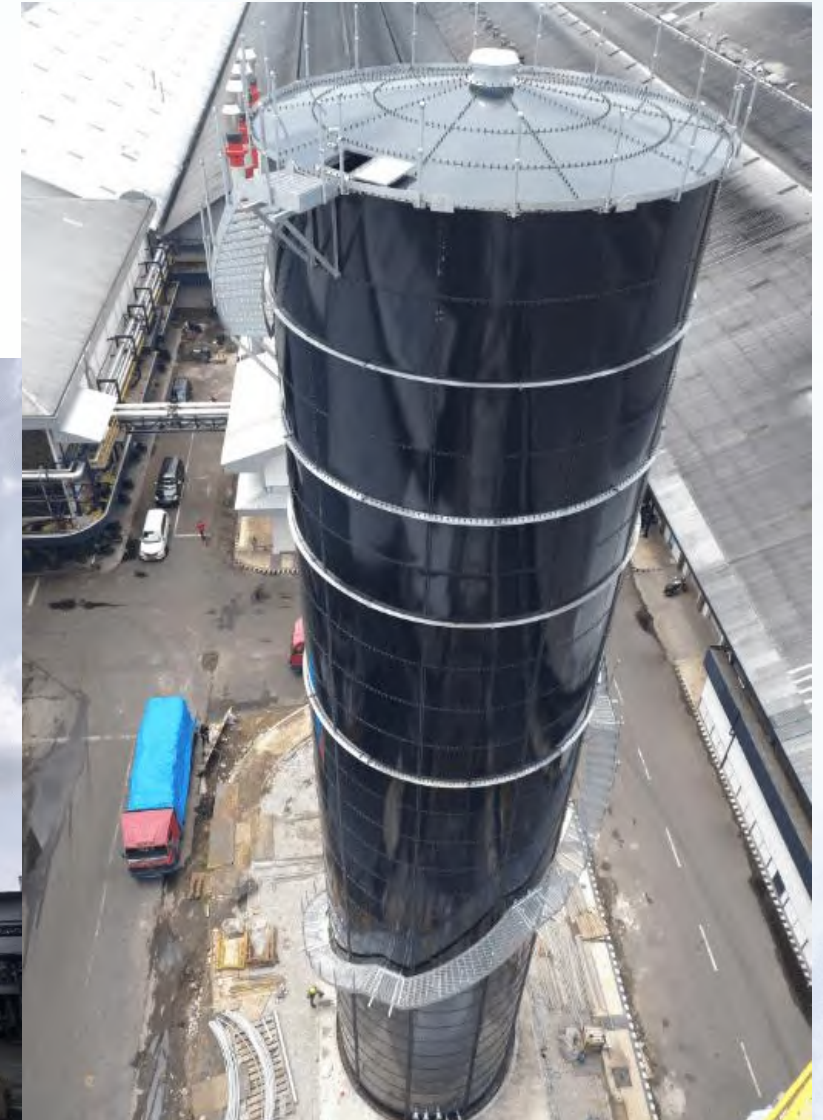
Fire Water Storage Tank of Cigarette Manufacture in Indonesia (the **highest** GFS tank built by Asian GFS tank supplier)

Project Details:

GFS tank size: 7.64***34.8M**

Roof type: enamel roof

Installation finished: February 2018



▶ Project reference - Asia

PAQUES Biogas tank project

Project Details:

Biogas tank material: SS316

SS316 tank size: Ø 11.47*12.6M

Roof Type: SS316 Roof

Location: Shanxi, China

Installation finished : October 2022



▶ Project reference - Asia



Metro Cebu Potable water storage tank - Philippines

Project Details: 2 units of tank with Aluminum dome roof

GFS tank size: 17.58x13.2m Installation finished : 2023



▶ Project reference - Asia

Drinking water GFS tanks – Cirebon, west Java, Indonesia

Project Details:

Drinking water tanks: Ø 46.62x6M

Roof type: aluminum alloy roof

Installation Finished: Feb.,2020



▶ Project reference - Asia



Palm oil wastewater treatment plant – Sandakan, Malaysia

Project Details:

Tank Model: Ø18.33 * 8.4m

Tank Quantity: 5 nos. GFS tanks

Installation: 7 people, 100 days

Installation Date: June, 2013



▶ Project reference - Asia

Heineken Plant Wastewater Treatment - East Timor

Project Details:

Sedimentation tank: 4.2x4.2M

Pretreatment tank: 8.4x4.2 M

Adjusting tank : 8.4x4.2M

Hydrolytic acidification tank: 8*9M

Sludge-tank: 3.8x4.2M

Aerobic tank : 12.99x4.2M

Installation finished: November 2016



▶ Project reference - Asia

Water purification project- Philippines

Project Details:

Phase 1:

1 unit of tank with GFS Roof: Ø 9.93*12.0M, 928m³

2 units of tank with GFS Roof: Ø 9.17*7.8M, 515m³

1 unit of tank with GFS Roof: Ø 7.64*6.0M, 275m³

Phase 2:

1 unit of tank with GFS Roof: Ø 9.93*12.0M, 928m³

2 units of tank with GFS Roof: Ø 7.64*6.0M, 275m³

Installation Date: June. 2019



▶ Project reference - Asia

Indonesia Biogas Fermentation tanks Project

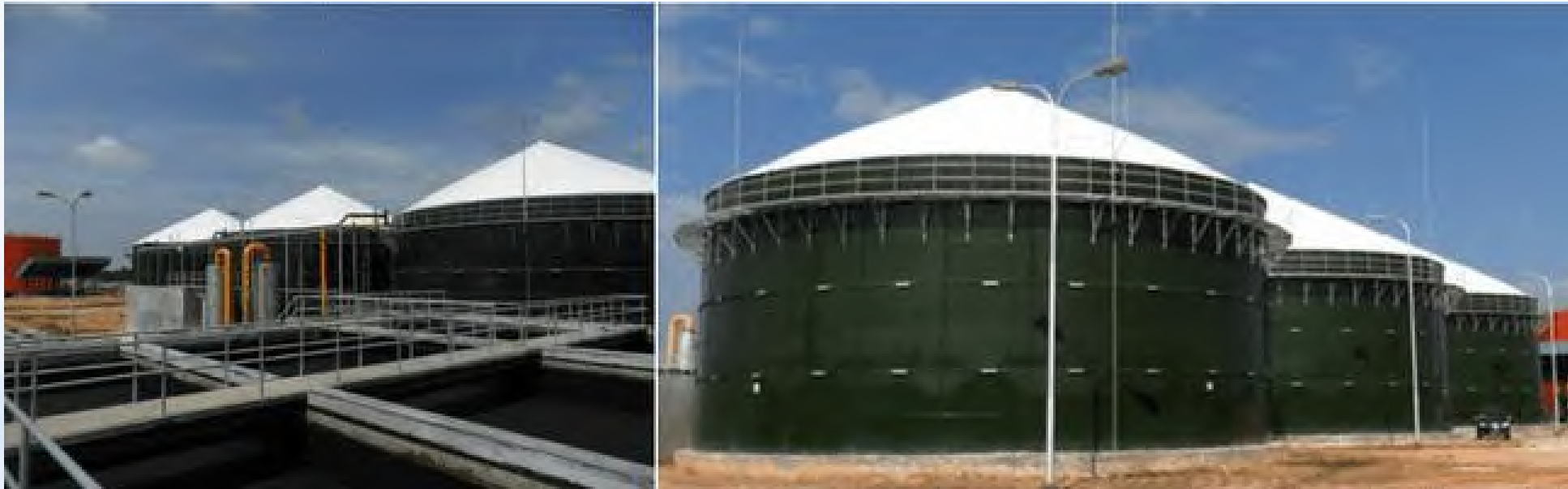
Project Details:

Biogas Fermentation tanks : 19.86×8.4M

Tank quantity: 3 sets

Roof type: single membrane roof

Installation finished on 2009



▶ Project reference - Asia

Sewage treatment Plant in Hangzhou, China

(visited by Super typhoon just after installation - Lekima 215km/hr, 17 grade)

Project Details:

GFS Tank Size: $\text{Ø}12.23 \times 24\text{M}$ (2,818m³)

Quantity: 5 sets of GFS tanks

Installation finished: July, 2019



▶ Project reference - Asia

Wastewater Treatment GFS Tank - Indonesia Pineapple Factory

Project Details:

GFS tank: Ø 19.87*9.6M

Roof Type: Aluminum alloy roof

Installation Finished: May, 2016



▶ Project reference – Middle East

Coca-Cola Plant Wastewater treatment tanks- Riyadh, Saudi Arabia

Project Details:

Equalization tank : 15.29*7.2 M

Calamity tank : 8.4*9 M

Anaerobic digester tank : 12.22*8.4m

Flash Aeration tank : 7.64*7.2m

Holding tank: 6.88*7.2 M

Roof type : enamel roofs/aluminum alloy roofs

Installation Finished on 2017



► Project reference – Middle East

Coco-Cola Wastewater Treatment Plant – Dammam, Saudi Arabia

Project Details:

Sludge Tank Anaerobic: Φ 4.59*7.2M , 119M³

Conditioning Tank: Φ 6.11*14.4M, 422M³

Post Aeration Tank: Φ 7.64*9M, 412M³

Sludge Tank Aerobic: Φ 3.82*7.2M, 82M³

Sewage Storage Tank: Φ 5.35*14.4M, 323M³

Anaerobic Reactor Φ 11.46*10.2M, 1051M³

Roof type : GFS roofs/Aluminum alloy roofs

Installation Finished on August, 2017



► Project reference – Middle East



Dubai World Central Airport Wastewater Project

Project Details:

1 unit of MBR tank with open roof:

Ø11.11*5.8M, 560m³

1 unit of Aeration tank with open roof:

Ø 16.2x5.8m, 1155m³

Installation Date: Jan, 2021



▶ Project reference – Middle East



Dubai Sewage Storage Tanks

Project Details:

Sewage Storage Tank: Ø 16.82*9M

Drinking Water Tank: Ø 8.4*9M

Roof type: Open roof

Installation Finished: Jun., 2019



▶ Project reference – Middle East



Wastewater Treatment Plant in Kuwait

Project Details:

Wastewater storage tank: Ø 9.93*4.2M with open roof

Installation finished: Dec., 2016



▶ Project reference – North America



Double Wall GFS Storage Tanks for Landfill Leachate – Oregon, USA

Project Details:

Outer storage tank : Ø 29.81*7.2M, Inner storage tank: Ø 25.99*10.2M.

Installation finished: August 2016



► Project reference – North America



White Glass Fused to Steel Tank - Arkansas, USA

1st phase:

GFS tank with enamel roof & floor : Ø 3.82*3.6M
GFS tank with enamel roof & floor : Ø11.46*7.8M
GFS tank with enamel roof & floor: Ø 10.7*7.2M
GFS tank with enamel roof & floor: Ø 3.06*2.4M

2nd phase:

drinking water storage tank : Ø 20.64*7.2m

Installation finished: December 2015



▶ Project reference – North America



Fire Water Storage Tanks in Southern California - **Porsche** Speedway

Project Details:

Water storage tank: Ø 7.62*8.5M

Water storage tank: Ø 4.59*3.6M

Installation finished: October 2016



▶ Project reference – North America



Two Portable Water Storage tanks – Yukon, Canada

Project Details:

GFS tank with enamel floor : 12.23*5.4 M

GFS tank with enamel floor : 12.23*7.8 M

Roof type : enamel roofs

Installation Finished on 2018



▶ Project reference - Oceania



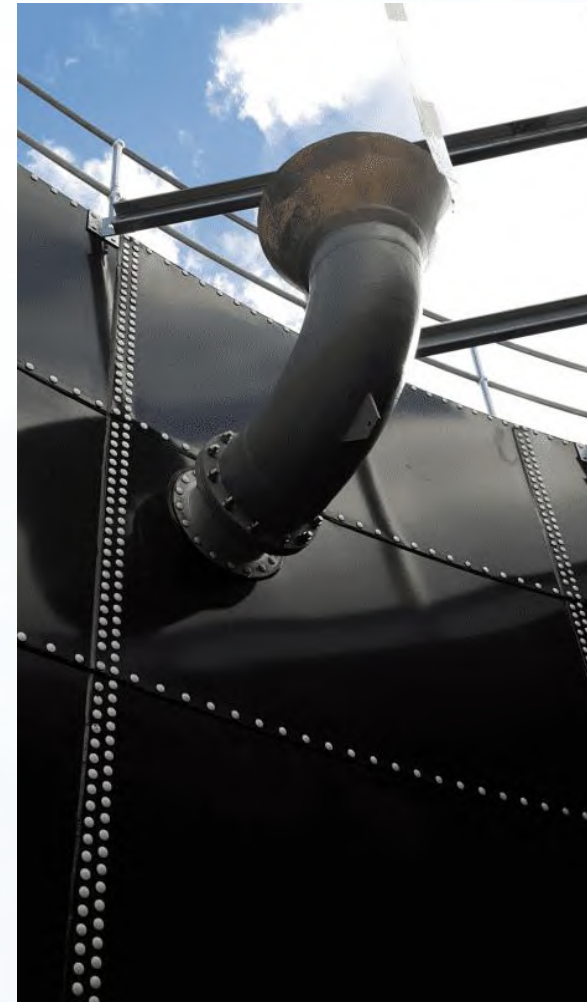
Drinking water storage tank – Melbourne, Australia

Project Details:

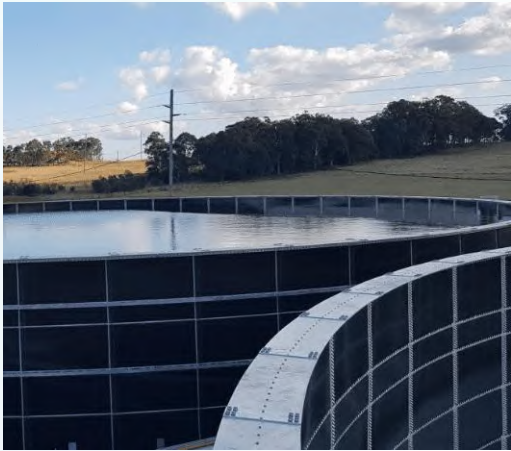
2 sets of Drinking water storage tanks Ø 22.17*6M

Roof type: aluminum alloy deck roof

Installation finished: April 2016



▶ Project reference - Oceania



2*10ML Water Storage Tanks

**NSW government site
Sydney, Australia**

Project Details:

Tank size : \varnothing 46.62*6.6M

Roof type: Open tank without roofs

Installation finished: Aug., 2020



► Project reference - Oceania



Filtered Water Storage Tank - Wallen, Australia

Project Details:

Tank size : Ø 17.58*3M

Roof type: Aluminum alloy deck roof

Installation finished: March, 2015

▶ Project reference - Oceania



WWTP Water storage Tank - Muswellbrook , NSW, Australia

Project Details:

Tank size : 25.99*6.6M

Roof type: Aluminum alloy deck roof

Installation finished: March, 2017

► Project reference – Europe

France Biogas Plant

Application: Biogas Anaerobic Digester

Tank size: 1pc x Ø15.29 x 15m with SS304 Bolted Roof

Project Location: Plouvorn, France

Installation Time: Dec. 2020



▶ Project reference – Europe

Waste Water Treatment Plant – Budapest, Hungary

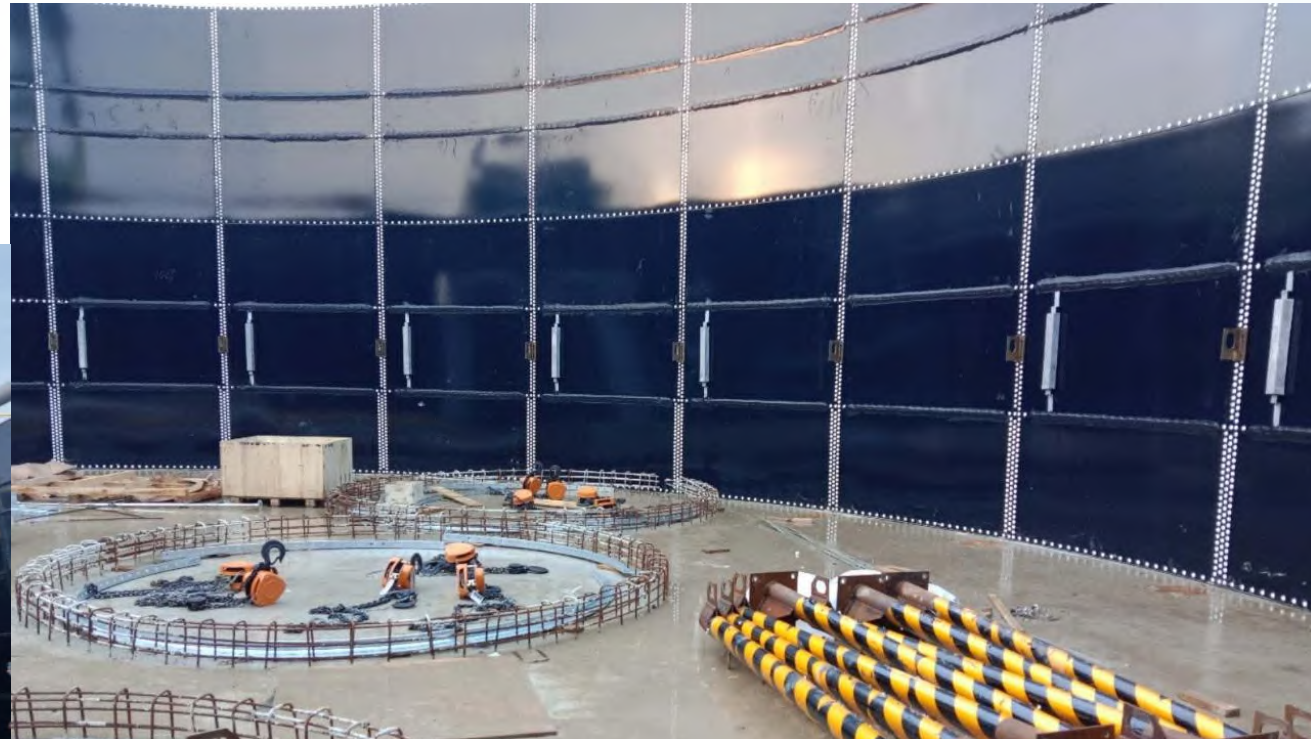
Application: waste water treatment plant

Main Reactor: 1 pc x $\text{Ø}22.17 \times 6.6\text{m}$ open top

Main Reactor: 4 pc x $\text{Ø}7.64 \times 5.4\text{m}$ open top

Sludge Buffer: 1 pc x $\text{Ø}3.82 \times 6.6\text{m}$ open top

Installation Time: Dec. 2022



▶ Project reference – Africa



ABInBev WWTP Project - Mozambique

Equalization tank: Ø 15.29*7.2M

Buffer tank: Ø9.17*4.8M

Calamity tank: Ø8.4*6.6M

Anoxic Tank Ø4.59*7.2M

Aeration Tank: Ø15.29*7.2M

MBR permeate tank: Ø4.59*3.6M

Sludge Tank: Ø7.64*3.6M

UASB tank: Ø19.87*9M

Roof type: GFS roof or Aluminum alloy roofs

Installation finished since October, 2019

▶ Project reference – Africa

Anaerobic Digester GFS Tanks – Swaziland

(the **largest** GFS tank built by Asian GFS tank supplier)

Project Details: 2 sets of GFS tanks: $\text{Ø } 56.56 \times 8.4\text{M}$ **(21,094m³)**

Roof type: floating roof by others , Installation finished: Mar.25th, 2020



► Project reference – Africa

Textile Industry Parks Waste Water Treatment Project – Ethiopia

Project Details: 23 tanks for 3 textile industrial parks WWTP at Adama, Dire Dawa and Addis Ababa

1 set of tank: 12.23*4.8m

1 set of tank: 19.87*6.0m

1 set of tank: 23.69*7.2m

2 sets of tank: 25.22*4.8m

3 sets of tank: 24.46*6.0m

1 set of tank: 19.11*6.0m

1 set of tank: 8.41*4.2m

2 set of tank: 6.88*3.6m

1 set of tank: 13.76*6.0m

2 sets of tank: 28.28*7.2m

5 set of tank: 3.82*3.6m

1 set of tank: 17.58*6.0m

1 set of tank: 4.59*3.6m

1 set of tank: 6.88*3.6m

Roof type: aluminum alloy roofs

Installation started since June, 2018



▶ Project reference – Africa

Niger Azelik uranium deposits tanks

- China National Nuclear Corporation Project

Project Details: 6 tanks of life water & fire water Storage

2 * drinking water tanks \varnothing 19.86*4.8M

1 * wastewater tank \varnothing 9.93*4.2M

3 * fire water tanks \varnothing 9.93*3.6M

Installation finished : November 2009



► Project reference – Africa

Fire Water Tank – Angola

Project Details:

1 Fire Water Storage Tank with aluminum deck roof

Size: $\varphi 11.47 \times 8.4\text{m}$

Customized color: **Red (RAL3020)**

Installation finished : Feb. 2022



▶ Project reference - Central & South America



Ecuador Drinking water storage project (After the strong earthquake(7.8 grade) in 2016, and it is still stable.)

Project Details:

Tank Qty: 6 sets

Tank size: $\text{Ø } 18.34 \times 4.8\text{M}$

Roof Type: aluminum alloy deck roof

Installation finish: January 2016



▶ Project reference - Central & South America



Colombia Wastewater Treatment Plant

Project Details:

3 sets of wastewater tank $\text{Ø } 6.11 \times 7.2\text{M}$
Roof Type: Glass-reinforced Polyester Roof
Installation Finished on May, 2016



▶ Project reference - Central & South America



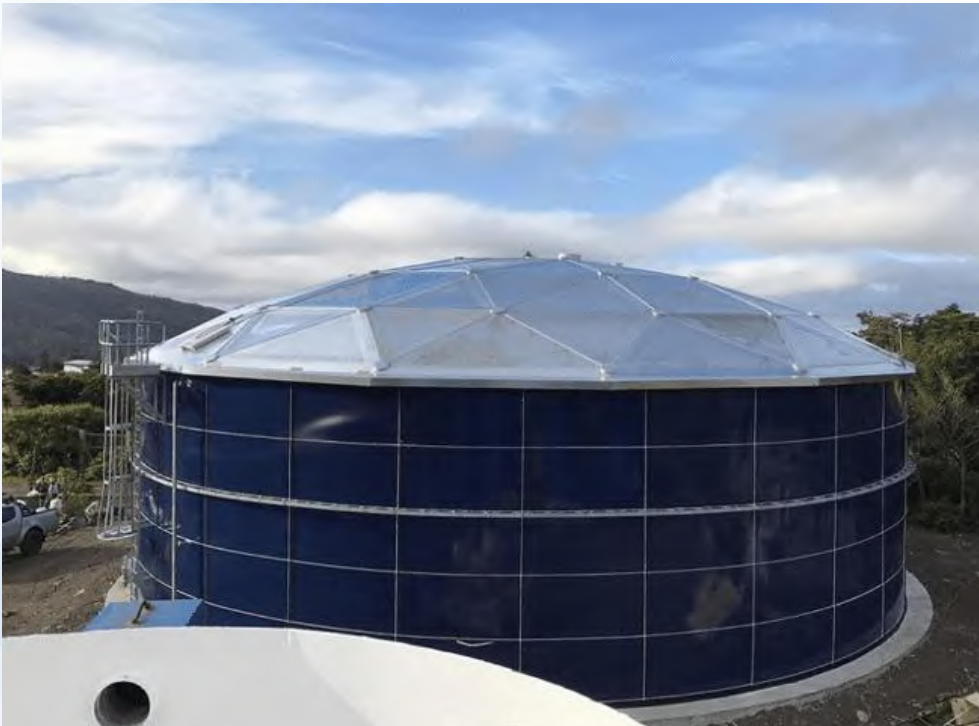
Panama Drinking Water Storage Project

Project Details:

Tank Model: Ø21.4* 6.0m, Ø19.87*5.4m, Ø6.88*6.6m

Roof Type: Alumino dome roof by others

Installation Date: Nov, 2015



▶ Project reference - Central & South America



Panama Drinking Water Storage Project

Project Details:

Tank Model: Ø22.93x4.8M

Roof Type: Alumino dome roof by others

Installation Date: Aug, 2019



▶ Project reference - Central & South America



Chile Water Storage Project

Project Details:

Tank Model: Ø12.99x4.8M

Roof Type: SS316 Roof

Installation Date: June 2022



► Project reference - Central & South America



Colombia Drinking Water Storage Project

Project Details:

Tank Model: Ø19.11 × 7.2m

Roof Type: Alumino dome roof by others

Tank Color: **inner white, outter cobalt blue**

Foundation: starter ring

Installation Date: Jan., 2021



▶ Project reference - Central & South America



Costa Rica Drinking Water Storage Project

Project Details:

Tank Model: Ø12.99* 6m

Roof Type: Aluminum alloy flat roof

Tank color: Sky blue

Installation: Nov., 2016



▶ Project reference - Central & South America



Jamaica Drinking Water Tank

Project Details:

Tank Model: Ø10.7×10.8m

Roof Type: aluminum deck roof

Installation Date: Sep, 2017





THANK YOU