



GLASS-FUSED-TO-STEEL TANK TECHNOLOGY

**Brought to India, exclusively by
Shubham Acqualink (India) Pvt. Ltd.
(Formerly Tanclean Pvt .Ltd.)**





Enameled Tank Manufacture and Global Marketing
Biogas & Bio-methane Worldwide Solution
Waste Water Treatment Engineering



Company profile

- @Yingherui (YHR) was established **in 2005**
- @Headquarter and Administration **in Beijing**, China.
- @**Effluent & Sewage treatment, Biogas & Bio-methane** are the fields we focus on.
- @One enameled steel plates **manufacturing base**, Biggest in Asia.
- @One **R&D center** in Beijing focus on biogas & sewage treatment technology
- @Strong network of **SAIPL** in India for installation and local support.



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Manufacturing base



- ④ 3 production lines of enameled steel plate ,1 membrane gas holder workshop

- ④ with capacity of over 100,000 enameled steel plate



- ④ Over 3,000 enameled tanks constructed by YHR globally

Enameled Steel Production Line

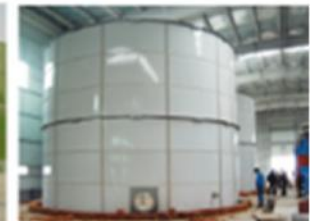




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Wide applications in sewage treatment





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Wide applications in biogas field





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Application reference of other companies from US. and Europe.

In USA



In Europe





Why select Glass-Fused-to-Steel Tank?

1. Faster construction speed



Prefabrication and transport to site



Tank consists of amounts of standard enameled steel plates and accessories.



All the tank steel plates and accessories are prefabricated in factory.

Just site assembly of tank components done.

Tremendous saving in site management cost.



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Why select Glass-Fused-to-Steel Tank?

2. Convenient, Safe & Fast installation work



Special Jacking leg for fast installation

Most of work done on the ground, more safety and less risk of working onsite.



Why select Glass-Fused-to-Steel Tank?

3. Superior anti-corrosion performance

@ GFTS Coating Thickness: 0.25~0.45mm, double sides coating

@ PH application range :

Standard coating pH value : 3~11; Well qualified for biogas application.

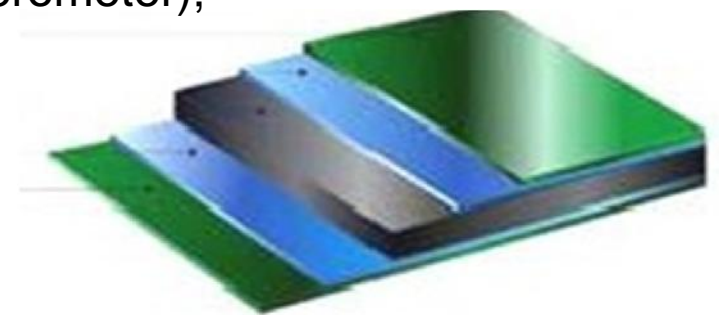
Special glass coating PH:1-4.

@ Adhesive power: 3,450 N/cm;

@ GFTS Coating Elasticity: the same to the steel plate , in 500 kN/mm;

@ Degree of hardness: 6.0 (with membrane-type sclerometer);

@ Service life : 30years





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Why select Glass-Fused-to-Steel Tank?

4. Better and easy quality control.

- ④ Assembly on site instead of pouring or welding and anticorrosion on site.
- ④ Very less influence from local weather.
- ④ Very less influence from workers skill, sense of responsibility, even moods.
- ④ All quality control done during the manufacturing process.
- ④ Easy assembly method and less quality control points.





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Why select Glass-Fused-to-Steel Tank?

5. Less and easy civil work



Concrete groove foundation





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Why select Glass-Fused-to-Steel Tank?

6. Low maintenance cost.

High yield strength steel and enameled coating with high abrasion-proof.

7. Beautiful appearance that making your plant value-added.

8. Reasonable price compared with concrete tank.





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Fittings & Other details – Casing pipe connection





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Other options



**Over/under pressure
protection device**



Inspection window



Ladders



Inclined ladder



Vertical ladder



Spiral staircase





Thank you very much!

