

Tecon textile constructions



What to know about Tecon

- We have years of experience with textile constructions and we offer you best technical solutions, our know how and costumer made productions and an excellent service from our service centre.

What to know about Tecon

- From plastic coated material we work out functional systems, which combine safety and cost effectiveness. These systems have there advantages towards conventional solutions.

What to know about Tecon

- Our constructions are short in the draft works and are made ready in the factory. They are low in the transport weight, have a short erecting time and are easy to dismount and erect on an other side.

What to know about Tecon

- Founded in the year 2000
- Headquarter in Austria
- Partners all over the world
- Projects: app. 70 to 80 per year

Gas storage tanks

- We build our gas storage tanks for the following applications:
- Waste water treatment
- Biogas plants for agriculture
- Biogas plants for industry

Characteristic of our gas storage systems

- High quality membranes, secures a high life time.
- Low gas permeability, less than 260 ml/m².d.bar.
- Separate static calculation for each gasholder.
- Good elaborate single elements forms a good solution

Standard gasholder on foundation



Characteristic of standard gasholder

- Easy to erect as external storage
- Especially for breweries, industry, WWTP
- Range from 10 m³ up to more than 10.000 m³

Gasholder on top of tanks



Characteristic of gasholder on top of tanks

- Direct useful gas storage at the digester
- Possibility to build in some parts (e.g. mixers, pumps,...)
- Range from 10 meter up to 40 meter diameter

Gasholder on top of a digester with central plate



Characteristics for top mounted with central plate

- Next step of Gasholder on top of tanks
- Easier to build in some parts
- More effective in maintenance
- Range from 10 meter up to 40 meter diameter

The mounting

- Short overall view of the mounting from the foundation to the gasholder

Foundation



Our safety valve



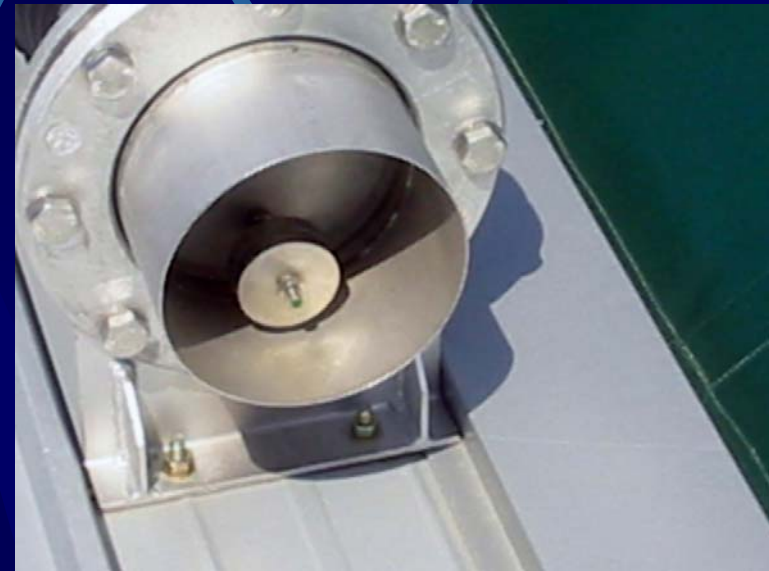
Our anchoring and sealing



The filling height measurement



The air-line (blower-non return valve and pressure regulating valve)



Gasbags



Gasbags

- Made in single layer design
- Possibility to build in-house
- Range from 10 m³ up to 5.000 m³

Gasbags



Basins

- Cost effective possibility to store water, sludge or other liquids
- No concrete or steel components are necessary
- UV-stabile foil in strength of 0,50 mm up to 4,00 mm
- Easy to erect and dismantle

Basins



Textile constructions

- Sun sails, covers, high-point constructions
- UV-stabile textiles
- Separate static calculation for each project
- High life time
- Easy to erect and dismantle

Textile constructions



Textile constructions



Textile constructions



Textile constructions



Textile constructions



Textile constructions



Personalized projects

- Different designs of gasholders
- Separate static calculation for each project
- Special demands for the usage

Personalized projects



Personalized projects



Personalized projects



Personalized projects



Personalized projects



Thanks for your attention!

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