

Process Technology for Waste Water Treatment, Sludge Treatment and Gas Utilization



OSWALD SCHULZE
Umwelttechnik GmbH

The process waste water of the **Kröner Stärke GmbH**, Ibbenbüren is treated in an anaerobic treatment plant and the produced biogas is used for energy production. Caused by the increase in production capacity it became necessary to upgrade the existing treatment plant already equipped by **OSWALD SCHULZE** in the 1980s with an additional process water storage tank and a new methane reactor. Also the gas system was rehabilitated with a new low pressure gas holder.

OSWALD SCHULZE Umwelttechnik GmbH carried out the complete design, erection/installation and commissioning of all mechanical and partly electrical works (incl. reactor tanks) for the following treatment units:



- **Process Water storage tank (400 m³) as steel tank**
- **Methane reactor (2.000 m³) as steel tank with necessary operation system**
- **Pumping stations and pipings systems**
- **Low pressure gas holder (500 m³)**
- **Gas drying plant**
- **Biological gas desulphurisation plant**
- **Gas flare (500 m³/h)**
- **Rehabilitation of heating system**

Kröner Stärke GmbH
Anaerobic Waste water Treatment

Beratung, Projektierung, Lieferung, Montage und Inbetriebnahme von verfahrenstechnischen Anlagen zur Abwasser- und Schlammbehandlung und Gasverwertung

Project Consulting, Design, Engineering, Erection and Commissioning of Wastewater, Sludge Treatment and Gas Utilization Plants

- Schlammbehandlung anaerob und aerob
- Schlamm-desintegration
- Schlammentwässerung
- BHKW-Anlagen
- Gasspeicherung
- Mechanische Abwasserreinigung
- Biologische Abwasserreinigung
- Membrananlagen
- Anaerobe Industrieabwasserbehandlung
- Bioabfallvergärung
- Pilotanlagen
- Ersatzteillieferung
- Aerobic and Anaerobic Sludge Treatment
- Sludge Digestion / Destruction
- Sludge Dewatering
- Biogas Cogeneration Plants
- Gas Storage
- Mechanical Wastewater Treatment
- Biological Wastewater Treatment
- Membrane Technology
- Anaerobic Industrial Wastewater Treatment
- Biosolids Digestion
- Pilot Plants
- Spare Parts

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