

*The following projects listed are exemplarily for our activity and experience over the last 10 Years.*

## Reference List for Engineering Services

### **Gienger Verwaltung GmbH, Markt-Schwaben, Germany (2018)**

- Security management for facade renovation at the building site Margot Kalinke-Str. 9, Munich

### **GE Deutschland/IB-Reitberger, Garching, Germany (2017/18)**

- Construction coordination of all works and trades for the conversion of an existing building into a machine show room for 3D printers

### **Powercraft GmbH, Pinzberg, Germany (2017/18)**

- Expertise for plant safety of a wood gasification (pyrolysis) plant, preparing of risk assessment and fire service plans

### **Heizkraftwerk (Power Plant) Mittelfeld, Kassel, Germany (2016/17)**

- Support for updating of the operational documentation following the annual revision

### **Doosan Lentjes, Ratingen, Germany (2015)**

- Concept development for MSW sorting plant in Malaysia

### **Heizkraftwerk (Power Plant) Mittelfeld, Kassel, Germany (2012)**

- Involvement in project management team for the modification of a biomass cogeneration power plant, with a new biomass conditioning and the new heat extraction for district heating
- Construction time 9 Months (May - December)

### **HIM Hessische Industriemüll, Kassel, Germany (2011)**

- Revision and completion of the plant's documentation of the waste-to-energy power plant.

### **Fernwärme-Kombikraftwerk (District Heating - Combined Cycle Power Plant), Kassel, Germany (2011)**

- Involvement in Project Leadership at the annual plant outage (maintenance) of the incineration line complete with the flue gas cleaning and all attendant facilities.

### **Müllheizkraftwerk (Waste-to Energy Plant) Kassel, Germany (2010 + 2011 + 2012)**

- Involvement in Project Leadership at the annual plant outage (maintenance) of the two incineration lines complete with the flue gas cleaning and all attendant facilities.
- Assistance of the site management and photo-documentation of all actions.

### **inocre Umwelttechnik GmbH, Großhelfendorf, Germany (2010)**

- Consulting for design and supervision of a new process development (called as bioleaching) for the Extraction of Phosphor out of ash from sewage sludge incineration.

**Forschungsprojekt - Verbundvorhaben (R & D Project), (2009 - 2012)**

- Participation on a Research and Development Project government-funded by BMELV. Development of a new method for effective and energy-saving bioethanol production. Projekt partner of Anhalt University of Applied Sciences, Fraunhofer Institute for Ceramic Technologies and Systems IKTS Hermsdorf and IBA Institute for Bio-processing and Analytical Measurement Techniques.
- Development and design-engineering of the process technology under the consideration of economic feasibility of different process steps.

**Erdgas Schwaben (Energy Provider), Donauwoerth, Germany (2004)**

- Planning for integration of a natural gas fired co-generation set into the power station of an herbage drying plant for self supply of energy.
- Integration of the waste heat from CHP into the drying plant together with two biogas fired CHP's

**Johann Emter GmbH (Waste Management Company), Altenstadt, Germany (2003)**

- Technically/economically concept study for energy self-sufficient utilization of municipal sewage sludge and other biomass. Pre-planning of the drying plant and incinerator.