

# Gersthofen

## Waste to Energy



Regierungsbaumeister  
**SCHLEGEL**



### Client

Industriepark Gersthofen  
Service GmbH & Co. KG

### Period

since 2007

### Project Cost

30.000.000 €

### Abstract

Industrial Park Gersthofen Service Ltd. (IGS) is in charge of a 35 ha large industrial park next to the city of Augsburg with main operation focus upon chemical production. The industrial park includes 12 firms with a total of 1600 employees. The future heat supply of firms shall be safeguarded through new supplementary fuel (SF) – combined heat and power station. The SF is shredded synthetic, paper, cardboard and wood refuse, as well as packaging materials. The supplementary fuel plant largely contains buffer hoppers, fuel hoppers, boiler feeding, boiler house, operation building, emission control with operating materials tanks, cooling towers, cooling water tanks and pumping station. A steam turbine and a condenser will be installed close to the existing boiler and turbine house. Infrastructural measures such as media supply, disposal and traffic arrangements will be provided for the surrounding area of the power station.

### Scope of Service

pre-design, design, approval design,  
execution design, site supervision  
technical equipment  
planning of structural framework

measurement  
ground survey  
safety and health protection  
fire protection measures

### Technical Data

Gross heat capacity	35 MW
Fuel delivery rate	8.8 to/h
Utility volume of fuel hopper	3,300 m <sup>3</sup>
Operation building, cubical content	3,800 m <sup>3</sup>
Boiler house	16,000 m <sup>3</sup>
Cooling water pumping station	1,250 m <sup>3</sup> /h