

FACILITY BUILDINGS RAFI Eltec GmbH Überlingen (Germany)

NEW BUILDING

Client: RAFI Eltec GmbH, Überlingen

**Certified
Inspection Engineer:** Prof. Dipl.-Ing. Matthias Pfeifer

Our services: Structural engineering inspection in accordance with regulations and standards
Static calculations
Structural fire protection
Earthquake engineering
Execution planning (structural and workshop drawings)
Random monitoring of the structure during the building phase

Brief description: Construction of a new production floor with attached office building for a manufacturing facility of electronic systems

Production floor

- area 100 m x 60 m
- 48 m wide spanning steel truss girders on clamped reinforced concrete columns every 12 m
- steel purlins as secondary supporting structure
- columns set on individual foundations, base plate
- stiffening through columns and steel bracing out of steel

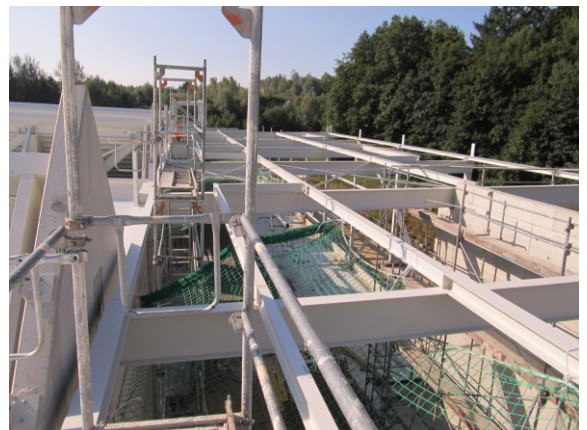
Office building

- 3-storey
- solid structure
- flat roof

Architects: Freyler Industriebau GmbH, Kenzingen

Structural engineers: Walter & Reinhardt, Herbolzheim

Completion: 2012



Pictures / Illustrations: PfeiferConsult