



COMPONENTA foundry facility in Orhangazhi

Componenta Corporation is one of the major European casting suppliers. Its trade is to offer solutions to their customer's challenges. The group's business involves engineering and manufacturing of iron and aluminium cast components. Componenta's customers can be found in the automotive, agricultural and off-road machinery and the machine building industry, worldwide.

Componenta's operational structure encompasses 7 iron foundries: 4 in Finland, 2 in the Netherlands and one in Turkey.

The iron casting business in Orhangazhi (Turkey) was incorporated in 2006 and produces many different grades of nodular and grey iron. Componenta Orhangazhi is ISO 9001, ISO 14001, ISO TS 16949 and OHSAS 18001 certificated. Parts for the agricultural, automotive, truck, construction- and machine building industry are produced in this plant for international OEM's and Tier 1's.

The foundry is equipped with seven different specialized automatic moulding lines (5 horizontal and 2 vertical), induction furnaces and a cold box core shop. The products can be supplied as cast, machined and painted.

Knight Wendling was mandated to perform an audit and assessment of the iron foundry in Orhangazhi. To accomplish the foundry's -further- development into one of the most competitive and effective casting solutions provider, the main objective was optimization of the foundry productivity. The assessment included the review of all processes from melting to shipping, process yield, effective production, scrap rates and overall productivity, a prospect of potential layout improvements and in that event, the required and appropriate investments.

With these benchmarks Knight Wendling presented a perspective on savings, necessary investments and a restructuring of the layout. Componenta then called on Knight Wendling to assist, in close cooperation with the Componenta team, with the implementation of the recommendations and improvements.



All Pictures courtesy Componenta

