Water purification for Tarnów

Application Field:	Water Treatment
Place:	Zbylitowska Góra, Poland
Date:	2007 - 2009
Products:	VAG EKN® Butterfly Valves, VAG EKO®plus Gate Valves, VAG ZETKA Non-Return Valve, VAG TOP-STOP® Diaphragm Non-Return Valve

Project description:

In December 2009, the plant started up for the use of the water treatment plant and is located in Zbylitowska Góra, supplying the Tarnów urbanized area with drinking water. Energotechnika –Projekt turned into the general designer of investment.

The Scope of the technological system applied by the Design Centre which was responsible, among other things, for the Water filtration using activated carbon filters, the water storage reservoirs with a dosage of chlorine dioxide and the water coagulation using aluminum salts in the three-cycle mixing chambers. The water treatment plant has a capacity of 23000 m^3/ day. The project required innovative solutions because of the highly variable input parameters of water abstracted from the typical mountain river Dunajec, due to the need of modernization while maintaining the continuity of the work station. The water treatment plant was equipped with more than 310 Valves by VAG. According to the Tarnow Sanitary Inspection, the modernization of the water treatment plant in Zbylitowska Góra produces the highest quality water throughout southern Poland.

Water treatment plant Góra

Istalled valves