



Biogas station in Vrakuňa

Application Field:	Gas
Place:	Bratislava, Slovakia
Date:	2011
Products:	6 x VAG EKN® Butterfly Valves DN 400 PN 10, 8 x VAG EKO® plus Gate Valves DN 300 PN 10

Project description:

Biogas is mainly produced by fermenting methane in raw materials, i.e. the fermentation of waste. However, depending on how it is produced, biogas may contain extremely aggressive impurities, such as hydrogen sulphide. And biogas prevails in a wide variety of temperature ranges. Specially designed valves need to be used in order to meet these requirements. Like any other valve, gas valves must be reliable, absolutely tight and dependable in operation. Specifically authorised, independent research institutes carried out relevant tests and have approved and confirmed these VAG valve properties. The valves also comply with European standards and hold other important certifications such as certification by the German Association for Gas and Water (DVGW) and the Polish gas institute INIG.

In the biogas station in Vrakuňa, the valves used included VAG EKO® plus Gate Valves, which feature a long useful life and a high standard of functional reliability. The customer also chose VAG EKN® Butterfly Valves, which likewise feature a high degree of quality and durability. VAG was even able to dispel doubts about gas tightness at 0.025 bars without any problems.



Isolated VAG EKN® Butterfly Valve in a gas-supply-pipeline



Installed VAG EKO® plus Gate Valves