

## ZAREO

**System for individual pressure regulation in coke battery ovens** is the hybrid technological set comprised of mechanical valve and pressurized water curtain. The specific valve is the patented, innovative element of the system adapter for sequential pressure change in dependence on the amount of gas formed inside the coke oven at particular phases of coal coking cycle.

*The solution meets the requirements of Best Available Techniques stated in BAT conclusions, pos.: 46.XI.*

### Advantages:

- ▶ Simple and reliable construction of regulation and shut off valve
- ▶ Low investment costs and cheap exploitation
- ▶ Suitable for new and adaptable for exploited batteries
- ▶ Reduction of fugitive emission to atmosphere from ovens doors and technological apertures of battery

### Application:

- ▶ Every coke plant equipped with batteries operated with flooded or pushing mode
- ▶ Sharing – license

P. 397921	Regulation and shut off valve for coke oven battery receptacle – patent application
P. 402988	The method of pressure regulation in coke battery oven – patent application
W. 123141	Propulsion mechanisms of regulation and shut off valve for coke oven battery receptacle – utility model application
013184346	„ZAREO” – community trade mark application

**ZAREO**  
PRESSURE CONTROL SYSTEM

