



DEODORIZATION REFERENCES

Company presentation

■ ASIO TECH, spol. s r.o., Kšírova 552/45, 619 00 Brno, Česká republika
Tel.: +420 548 428 111, e-mail: asio@asio.cz



About the company

ASIO is a Czech engineering and supply company with international operations, **founded in 1993**.

The company works in the field of development, production, and supply of technologies for wastewater treatment, water treatment, and air purification. The wide range of water management products supplied is used in the treatment of wastewater from family homes, municipalities, cities, hospitals, and various industrial sectors.

Since 2017, the company has divided its portfolio into two companies - ASIO NEW, spol. s r.o., which specializes primarily in the sale of water management products, and ASIO TECH, spol. s r.o., which focuses more on the supply of technologies and technological units. Together, the ASIO companies still form a single entity with a common strategy and registered office address. They are linked in terms of ownership and work closely together within the ASIOgroup.



ABROAD

ASIO is a Czech company represented in 32 countries around the world (Croatia, Estonia, Slovakia, France, Germany, Greece, Hungary, Romania, Russia, etc.) with an extensive network of subsidiaries and representatives.

ASIO GROUP

In addition to its high-quality production base, it has established a network of sales and service centers not only throughout the Czech Republic, but also in a number of European countries. All companies working closely together in this way are associated within the ASIOgroup. The organization has implemented a quality management system in accordance with ISO 9001:2015 and adheres to a quality policy.



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Internationality, innovation, sustainability, expertise, trust, and responsibility

As part of its development, it cooperates with many academic institutions and universities, such as civil engineering and chemical technology universities. This fulfills the company's vision of internationality, innovation, sustainability (see NEW), expertise, trust, and responsibility.

DEODORIZATION references

Ing. Ondřej Unčovský
Sales and technical representative

Mobile phone: 725 503 075

E-mail: uncovsky@asio.cz



Praha -
Lipence



VAK
Pardubice



DEVRO



Česká
Třebová



NDS Modřice



Hlinsko



Linhartice –
Moravská
Třebová

Praha-Lipence



Investment – CZK 6,971,450 excluding VAT

- Wastewater treatment plant in a suburb of Prague, close to residential buildings and a golf resort
- Unit capacity: 9,000 m³/hour, 6,500 m³/hour
- Client: Stavební huť Slatiňany, spol. s r.o.
- Year: 11/2022
- Intensification and expansion of the wastewater treatment plant
- Odor removal using photocatalytic oxidation
- Unit with a capacity of 9,000 m³/hour eliminates odors from the mechanical pre-treatment and biological treatment facilities
- Unit with a capacity of 6,500 m³/hour deodorizes the air flow from the sludge management facility
- 2 AS-PCO units installed on site



VAK Pardubice

Investment – CZK 4,270,000 excluding VAT

- Implementation: May 2018
- Supply and installation of a PCO NX2000 deodorization unit for the screening plant, and supply and installation of a PCO NX2000 deodorization unit for the aerated tank, submission of a grant application for this project
- Unit with a capacity of 2,000 m³/h extracting air from the covered aerated tank
- Unit with a capacity of 2,000 m³/h extracting air from the screening chamber building





DEVRO

Investment – CZK 2,063,370 excluding VAT

- Implementation: 11/2018
- Supply and installation of a PCO NX1900 deodorization unit for deodorizing the sludge outlet and the drop shaft
- Supply including ventilation ducts



ČOV Česká Třebová

Investment – CZK 3,700,000 excluding VAT

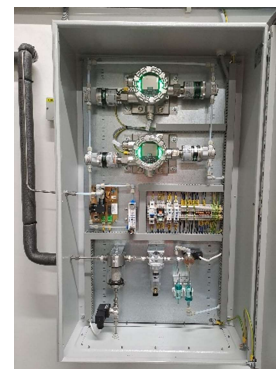
- Implementation: 12/2012
- Unit capacity: 1x 1,600 m³/hour, 1x 1,500 m³/hour, and 1x 2,200 m³/hour
- Client: KUNST, spol. s r.o.
- The purpose of the implementation is to eliminate odors at the wastewater treatment plant within the city limits
- 3 PCO units installed on the premises
- in the mechanical pre-treatment facility with a capacity of 1,600 m³/hour
- in a sludge tank with a capacity of 1,500 m³/hour.
- in a sludge thickening, dewatering, and storage facility with a capacity of 2,200 m³/hour.



NDS Modřice

 **Investment – CZK 12,039,880 excluding VAT**

- Implementation: 8/2025
- Three technological lines for deodorizing air from liquid waste disposal operations, with a total capacity of 8,440 m³/h.
- The technology is based on AS-PCO photocatalytic oxidation, which is our flagship product in the field of odor removal in wastewater treatment.
- The most exposed branch includes an acid and alkaline adsorption column and automatic online measurement of pollutant gases with sample pre-treatment.



WWTP Hlinsko

 **Investment – CZK 4,675,000 excluding VAT**

- Implementation: 12/2018
- Deodorization of the mechanical pre-treatment hall – odor removal
- Implementation of the AS-PCO 7600 unit at the municipal wastewater treatment plant
- Wind currents from the Chrudimka River carried odors to residential areas, and the wastewater treatment plant was the target of complaints
- General delivery, including ventilation ducts



WWTP Linhartice – Moravská Třebová

 **Investment – CZK 4,675,000 excluding VAT**

- Implementation: 12/2018
- Implementation of two units (AS-PCO NOX900, AS-PCO NOX4800) at the sludge management facility of a municipal wastewater treatment plant
- General delivery including ventilation ducting
- One unit has an upstream spray column for cooling air from the thermophilic process.



Contact details for the sales and technical representative for deodorization:



Link to the map of references:

