



OFFER OF
OTTO ENGINEERING POLSKA Sp z o. o.

Experts in building technology



Ladies and gentlemen,

We are pleased to present you the offer of OTTO Engineering Poland Sp. z o.o. including technical consulting, design, construction and servicing of modern systems and technologies. To meet the needs of companies in adapting many areas of their business activities to new requirements, including EU standards, we offer you professional assistance in satisfying them. The range of services that we can offer, among others, includes:

Industrial facilities **- design and construction:**

- **ventilation and air conditioning:**
 - comprehensive design of new systems, for the industry, of specialized premises, the purpose of which is dictated by specific technological requirements (e.g. clean rooms, paint booths)
 - auditing and evaluation of the operation of existing systems,
 - designing and implementing solutions to improve the functioning of faulty working systems.



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- **heating systems:**

- design of energy efficient systems covering heat losses in objects, individually tailored to their purpose,
- process heat systems (water, steam)
- connections and heating centres,
- systems of waste heat recovery from technological processes,
- high-temperature heating systems based on thermal oils,
- modernization of existing facilities.

- **cooling systems:**

- ice water,
- cooling of high temperature systems.

- **others, such as:**

- gas (internal systems, connections)
- compressed air (compressor rooms, heat recovery)
- preparation of water for process purposes,
- sewerage,
- gas concentration monitoring.

Systems of air protection

- design and construction:

- **systems of thermal exhaust gas purification:**

- comprehensive design of new systems for cleaning the exhaust air based on thermal oxidisers, regenerative thermal oxidisers and catalytic oxidisers,
- comprehensive design of auxiliary systems, such as ventilation systems of polluted and purified gas, systems of recovering the heat from the air purified with oxidisers, compressed air systems, burner gas lines, etc.
- auditing and evaluation of the operation of existing systems,
- measurements of the concentration of air pollutants (VOC measurements, chromatographic measurements, CO/NOx/SOx measurements),
- designing and implementing solutions to improve the functioning of faulty working systems,
- modernization of existing facilities.





Audits of energy efficiency:

- **studies of energy efficiency – energy audits:**
 - comprehensive servicing concerning energy reviews, energy audits, implementation of energy projects, financing, etc.

Servicing modern systems and technologies:

- **range of maintenance services:**
 - periodic maintenance of air conditioning and ventilation systems,
 - periodic maintenance of air purification systems,
 - continuous surveillance and monitoring of the correct operation of systems,
 - calls for assistance in the event of failure.



● **maintenance of air conditioning and ventilation systems:**

- split, duct and precision air conditioners,
- air handling units (including heat exchangers, humidifiers),
- fans,
- supply and replacement of filters.

● **cooling systems:**

- refrigeration units,
- air conditioners,
- heat pumps,
- control and safety devices,
- pipes and fittings, pumps.

Leading technologies

Individual solutions

- **valves and shut-off devices (including fire dampers),**
- **automation and control systems:**
 - control cabinets,
 - field devices (sensors),
 - regulators.
- **thermal exhaust air purification equipment:**
 - inspections of catalytic oxidisers,
 - inspections of thermal oxidisers,
 - inspections of regenerative oxidisers.
- **Teleservice@:**
 - remote access configuration and online monitoring of existing and newly constructed systems

Accredited testing laboratory:

- **Testing laboratory – instrumental analyses**
 - Measurements of the working environment
 - Mechanical hand-arm vibrations acting on the human body

- Mechanical vibrations generally acting on the entire human body
- Air – industrial dusts, total dust concentration, respirable dust concentration
- Gas chromatography – organic substances
- Measurements of emission of pollutants
- Noise measurements
- Traffic noise
- Industrial noise
- **Environmental protection engineering**
 - Execution of complex works leading to the decision on the environmental permit
 - Executing requests to obtain permits for the emission of gases and dust into the air,
 - Preparation of the documentation for obtaining integrated permits
 - Preparation of surveys of water management conditions and environmental impact statements,
 - Making condition assessments for environmental protection equipment

**We hope that our offer will interest you.
If you have any questions, we remain at your disposal:**

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