



ASE ATEX
ASE GROUP

**OUR SOLUTIONS
YOUR SAFETY**

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We are in your region

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Our main asset
is our qualified
engineering staff and its
comprehensive approach
to project implementation.



Innovation in industrial safety

We are a leading partner for industrial plants, OEM manufacturers, and contractors in delivering safe equipment and comprehensive turnkey projects in the industrial sectors. Our systems ensure reliable operations and continuity of production processes. We are experts in fire- and explosion-protected solutions, always placing quality and innovation at the forefront.

At **ASE Technology Group**, our experienced Engineering Team takes a holistic approach to your needs — from the initial concept and design phase, through equipment selection, delivery and installation to documentation and training. We offer a wide array of complementary services to support your business at every stage of project implementation. Engineering design? Analysis and expert studies? Training? That's ASE as well.

We are actively involved in the energy transition, delivering projects and providing products that directly contribute to the implementation of ecological and sustainable energy solutions. Our strong commitment to environmental protection includes deploying advanced leak and emission monitoring systems based on the best available technologies.

We support our clients in meeting the requirements of the methane directive by offering specialized services such as LDAR inspections, emission monitoring, and methane reporting. As active participants in initiatives that promote sustainable development, we consistently support innovative and green projects.

ASE ATEX stands not only for safety, but also for a deep responsibility toward the future of our planet.

Our benefits:



Over 500 commissioned systems in hazardous zones



Wide product range



The latest technological solutions



Technical support



Engineering Team



Individual customer approach

OUR MAIN PARTNERS:





Products and solutions

EX ELECTRICAL EQUIPMENT

- Basic and emergency lighting fixtures
- Central battery systems
- Installation and control equipment
- Control & operation panels
- Power switchboards
- Electrical components



EX AUTOMATION

- HMI panels
- Distributed input/output (I/O) systems, remote I/O systems
- Automation systems and spark-proof solutions

ELECTRIC HEATING SYSTEMS

- Turnkey electric heating installations
- Heating cables with accessories
- Programming and temperature control systems
- Industrial heaters and for Control and Measurement Instrumentation and Automation
- Process heaters
- Cabinets, containers and protective enclosures



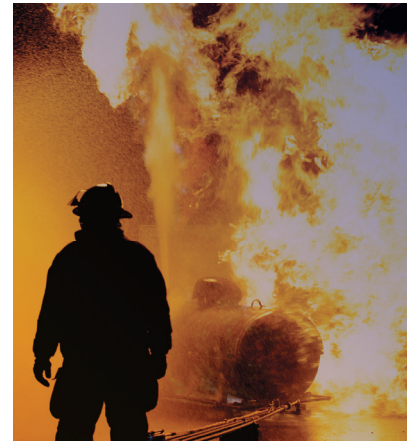


FIRE PROTECTION

- ➔ Water Fixed Fire Extinguishing Systems – WFFES
- ➔ Gas fixed fire extinguishing systems – GFFES
- ➔ Sprinkler and foam systems
- ➔ Spark detection and extinguishing systems

FIRE AND GAS DETECTION SYSTEMS

- ➔ Fire warning systems – SSP
- ➔ Linear temperature detection
- ➔ Early Smoke Detection Systems
- ➔ Gas and flame detection systems
- ➔ Mobile gas detectors



LEAK AND EMISSION DETECTION

- ➔ OGI cameras for VOCs
- ➔ Ultrasonic detectors for pressure and vacuum leak detection
- ➔ PID and FID detectors
- ➔ Leak detection inspections
- ➔ The 3D virtualisation of detection systems

EXPLOSION PROTECTION

- ➔ Explosion suppression systems – HRD
- ➔ Explosion isolation systems: flaps and shut-off valves
- ➔ Explosion relief devices: panels and dampers
- ➔ Earthing controllers





TANK GAUGING

- ➔ Tank gauging
- ➔ Level measurement devices
- ➔ Tank overflow protection
- ➔ Leak detection

INSTALLATIONS AND TECHNOLOGICAL EQUIPMENT

- ➔ VRU installations
- ➔ Flares
- ➔ Process burners
- ➔ Sampling systems

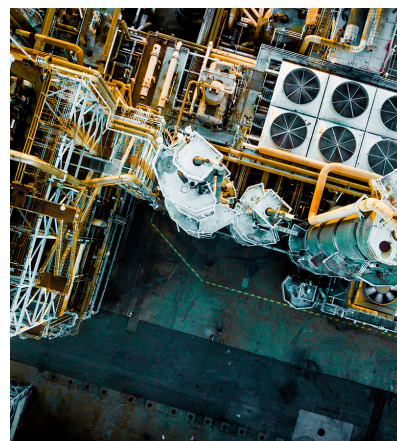


MEASURING INSTRUMENTS

- ➔ Pressure gauges
- ➔ Thermometers
- ➔ Pressure and temperature indicators
- ➔ Level indicators

INDUSTRIAL HVAC SYSTEMS

- ➔ Industrial ventilation and air conditioning systems
- ➔ Smoke extraction systems
- ➔ Emergency ventilation systems
- ➔ Solutions for explosive atmospheres



Turnkey solutions

From design, equipment selection and delivery to on-site installation, along with launching and after sales servicing the installation.

Take a look at our projects

EX LIGHTING SYSTEM WITH CENTRAL BATTERY

We commissioned a complete system consisting of basic and emergency lighting fixtures with a central battery. Our team designed the lighting system intensity and provided training for the staff, in order to ensure that the system will be operated and maintained well.



CONTROL SYSTEM WITH FLOW HEATER

Due to the Joule Thomson effect, the equipment may freeze in case of a pressure reduction. To protect our clients industrial equipment from this well-known phenomenon ever happening, we commissioned a custom control system with a high-pressure flow heater. It was a large upgrade to the process safety and effective operation in this plant.

FIRE EXTINGUISHING SYSTEMS IN A POWER STATION

For this client, we carried out a water fire extinguishing and sprinkler system for a new power station block. We installed more than 9,000 m of pipelines and more than 500 tonnes of steel to VDS Standards.



Field Implementation Office

The Field Implementation Office (FIO) specializes in delivering end-to-end project solutions with precision and professionalism. Our team comprises highly qualified experts, including electricians, electromechanics, automation engineers, mechanics and welders, allowing us to tackle even the most demanding challenges. We offer comprehensive expertise in electrical systems, automation and mechanical works. With a well-structured office and advanced technical infrastructure, we ensure that every project is completed on schedule and adheres strictly to client requirements.



CORE RESPONSIBILITIES OF THE FIO

- Execution of investment projects in the construction of technological installations
- Managing repair and modernization projects for storage tanks and piping systems
- Installation of electrical systems and instrumentation and control systems (I&C)
- Installation of heating systems
- Installation, servicing and consulting services for ventilation and air conditioning systems
- Control and diagnostic measurements of electrical installations
- Maintenance services including coordination of mechanical, I&C and electrical teams

Each project is carried out with our full commitment. We combine technical precision with solid organizational support, in order to ensure the highest standard is maintained.

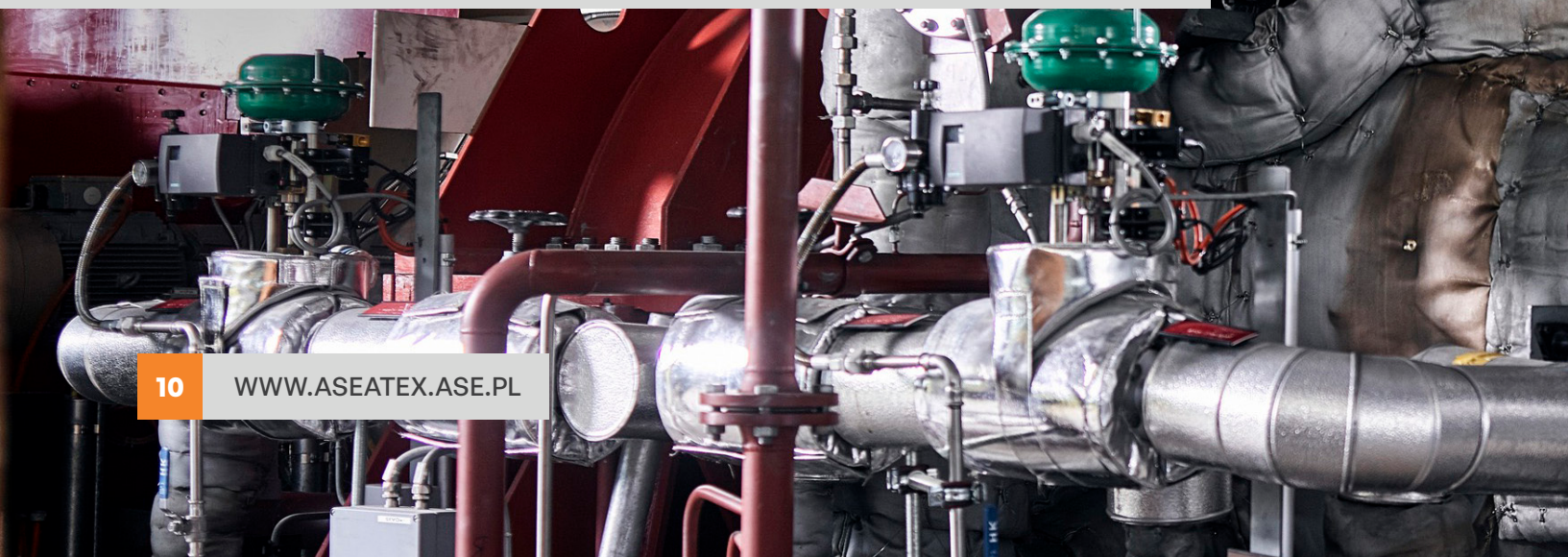
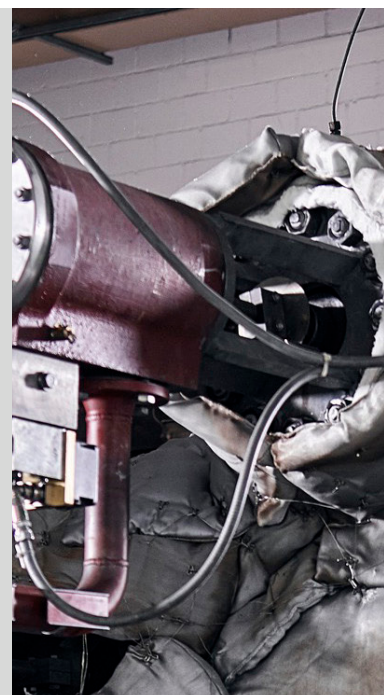
Services

As well as providing equipment and comprehensive technical solutions for businesses, we also offer on-call services focused on safety, emission control, and loss reduction at your facility. These include tightness testing of process installations for any type of medium — helping to eliminate leaks and prevent potential failures.

We also carry out professional LDAR (Leak Detection and Repair) inspections, supporting your compliance with the EU methane and environmental regulations. In addition, we share our expert knowledge through practical training sessions and workshops tailored to the specific needs of your organization.

Our focus:

- 01 **Monitoring of VOC, H₂, N, CH₄ and other leaks**
- 02 **Tank legalisation**
- 03 **System inventories**
- 04 **Tightness testing of installations**
- 05 **LDAR inspections**
- 06 **Audits, expertise**
- 07 **Trainings**



Maintenance

We offer comprehensive maintenance of the systems we supplied. Characterised by the high quality of our services, we are able to successfully carry out maintenance work on:

- ➔ **Launching and start-up of new installations**
- ➔ **Warranty and post-guarantee inspections**
- ➔ **Fixed maintenance contracts**



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