

ENREM – Połaniec Sp. z o.o.
Zawada 7
28-230 Połaniec

www.enrem.pl
polaniec@enrem.com.pl

NIP (Tax Identification Number): 866-00-01-754
REGON (National Business Registry Number): 830004952
KRS (National Court Register): 0000021629

THE SECRETARY'S OFFICE OF THE BOARD:
Telephone: (+48) 15 826 11 50
Telephone: (+48) 660 670 515
sekretariat@enrem.com.pl



COMPREHENSIVE OVERHAUL AND MODERNISATION SERVICES FOR THE LARGE-SCALE ENERGY GENERATION AND INDUSTRY

Quality guarantee
confirmed by
30 years
of experience.



ENREM
POŁANIEC

REM-WAR

ENREM
SERWIS

ENDEC
SP. Z O.O.



ENREM - Połaniec is a team of people with diverse competences who share a common goal, passion for development, and continuous improvement. It is a team of people who enjoy working in a field of industry, which brings a lot of challenges on a daily basis. Our mission is to provide comprehensive customer service, starting from the design phase, through production, delivery, assembly, all the way to commissioning.

As a group of companies complementing each other with their capabilities and activities, we are capable of completing comprehensive and ambitious projects on a large scale on the European market.

Since the dawn of the company, we have been developing our service and production activities, and, at the same time, providing professional advice in order to ensure that our offer meets the expectations of both Polish and foreign customers.

By increasing productivity while reducing costs, we can guarantee that our customers receive maximum quality at competitive prices.

The high quality of our products and services is ensured by cooperating with universities, which ensures an ongoing exchange of the latest know-how, and an integrated quality management system implemented by us, which meets the requirements of the current ISO 9001, PN-N-18001, and ISO 14001 standards.



About the Company

For the last 30 years, we have been providing solutions for the large-scale energy generation and industry in the key sectors of the economy.

Our portfolio includes dozens of completed projects, both in Poland and abroad. We provide services in the field of overhauls, modernisation and production in the large-scale energy generation and power industry; chemical and construction industry; heating and industrial systems.

We perform full diagnostics, provide survey reports, as well as carry out advanced material testing. We have the know-how and experience, which allow us to successfully implement the most demanding projects.

ENREM - Połaniec also means stable finances, based on our unique know-how, proven project management processes, and highly qualified employees. One more important component behind the company's success, which manifests itself in the constant increase in turnover, is the lasting business relations we have established, beneficial for all parties, and cooperation with trusted partners and subcontractors.

Within our group of affiliated companies, we employ about 400 highly qualified employees, who are experts in their respective fields. We have been cooperating with many of them on a continuous basis, for several decades. We have also maintained a steady level of employment for many years, which has allowed us to earn the reputation of a reliable and stable employer in the region.



ENREM-Połaniec was established in 1991 on the basis of employees of ZRE Lublin. Initially, the company's activity focused on the premises of the Tadeusz Kosciuszko's Power Plant in Połaniec. However, we had to look for new areas for our activities, which resulted from the market conditions. Thanks to the continuous development of the equipment resources, expanding the range of services, and also to the commitment and determination of the managing staff, as well as a solid base of highly qualified and experienced employees, the scope of Enrem's activities began to cover the whole country.

In 2004, in an effort to meet successive challenges, we won our first production order from the French market.

This opened a new chapter in the history of our company, and it allowed us to start expanding further into European markets.

The purchase of REM-WAR Stalowa Wola in 2013 initiated the creation of a group of affiliated companies, which, in the following years, was expanded by establishing ENREM SERWIS, a Warsaw-based company based on the Regional Office and ENDEC, a French-Polish company.

In September 2019, we moved to a new, fully equipped and modern headquarters. The production plant built on a 2.4 hectare plot includes, among others: an office building, modern production floors, storage facilities, non-destructive testing laboratory, shot blasting plant, and paint shop. The new plant was not only intended to develop the company, but it was also a project aimed at raising the standards of the services we provide.

1991

commencing our business activity

1995

establishing a laboratory for material testing

2000

receiving ISO 9002:1994 certification

2004

first production order
- France

2006

prefabrication of pipelines at the workshop of Engie in Dordrecht (NL)

2013

acquiring of the
REM-WAR repair company in Stalowa Wola

2014

establishing ENDEC, a Polish-French company supporting the Solvay plant in Włocławek

2016

establishing ENREM-SERWIS in Warsaw

2019

moving to a new headquarters

Business Activity

ENREM offers advanced, effective, and integrated solutions, and high quality services. Our greatest asset is the comprehensive nature of the services we provide, starting from pre-repair diagnostics with the assessment of the technical condition of the elements, through the preparation and production of the replaced and overhauled components, their machining, carrying out overhaul and modernisation works, all the way to the preparation of facilities for commissioning, preparation of documentation, and post-repair recommendations.

In an effort to complement the comprehensiveness of our maintenance services, ENREM - Połaniec established a specialised technological office, in which the main objective is to support the departments of production preparation and subcontracting in the completing of services maintaining the highest quality, safety at work, and environmental protection.

Our experts and engineers cooperate with the leading academic centres in the country: Warsaw University of Technology, Radom University of Technology, Institute of Non-Ferrous Metals at AGH University of Science and Technology, Instytut Spawalnictwa (Welding Institute) in Gliwice, the Institute of Power Engineering.

We offer comprehensive services in the following fields:

- overhauls and modernisation of boilers together with auxiliary equipment in the boiler room
- overhauls and modernisation of turbine sets together with equipment in the plant room
- installation of piping systems and industrial systems
- manufacturing of spare parts for boilers, steel structures, pressure, and non-pressure vessels
- prefabrication of pipeline elements
- special non-destructive, destructive, metallographic, and technical survey reports

In addition, we provide our customers with high quality, effective, and safe warranty and post-warranty technical service, as well as ongoing maintenance and repair of failures. The high quality of our services is ensured by the implemented and integrated quality management system, which meets the requirements of the current ISO 9001, PN-N-18001, and ISO 14001 standards.

BOILERS and auxiliary equipment in the boiler room

Thanks to our comprehensive services, starting from diagnostics, to repairs, technical service, delivery, and installation of all types of boilers (steam, water, biomass), and boiler accessories, auxiliary equipment, and spare parts, we are capable of providing our customers with optimum and integrated solutions in the following scope:

- **pressure parts** - boiler drums, screens, primary steam superheaters, secondary steam superheaters, water superheaters, steam pipelines
- **auxiliary equipment** - electrostatic precipitators, coal pulverisers, coal feeders, air heaters, slag traps, powdered-fuel burners, ignition burners, air fans, flue gas fans, mill fans, shut-off dampers and control flaps, coal feeders, electrostatic precipitators, and fittings
- **auxiliary systems** - air and flue gas ducts, ducts for pulverised coal-air mixture, ignition systems, carburising systems, ash removal and desulfurisation systems, biomass feeding systems, deslagging systems, heavy oil plants, water preparation systems
- **load-bearing structures of boilers**



TURBINES and equipment of the plant room

We offer a wide range of repairs, overhauls, technical services, and assembly services, regarding turbines and equipment in plant rooms.

In the scope of plant rooms, we offer repairs, technical service, modernisations, assembly and diagnostics of turbines (steam, water, and gas), fittings, heat exchangers, pipelines, pumps, as well as prefabrication of pipelines, and spare parts for repaired equipment and systems.

TURBINES:

- steam turbines
- gas turbines
- generators
- cooling systems
- oil systems
- condensation systems
- vacuum systems
- control systems

FITTINGS, PIPELINES, AND EXCHANGERS:

- high-, medium- and low-pressure fittings, including regeneration of housings
- high- and low-pressure heaters
- reduction and cooling stations
- pressure vessels
- pipelines

Pipelines and industrial systems

We offer our customers comprehensive services related to prefabrication and assembly of pipelines and fittings. Prefabrication includes the manufacture of ready-to-use pipeline systems (spools), including blast cleaning, painting, and packaging.

We carry out assembling of pipelines and fittings for systems carrying water, steam, oil, chemically aggressive media, and others.

We have experience in the completion of orders, both in Poland and abroad. We carry out works both on the existing facilities and on new power units under construction.

We have experienced teams of highly qualified fitters and welders with UDT and TÜV qualifications for performing TIG, MAG, and covered electrode welding. We specialise in welding of carbon and alloy steels designed, among other things, to work in elevated temperatures and aggressive environments. We work closely with our welding department and the laboratory for destructive and non-destructive material testing, thanks to which we are capable of welding materials that require the use of complicated welding technologies.



Production

Throughout almost 30 years of our operation in the power sector and production industry, we have learned that adequate production facilities are necessary to maintain our leading position in the ever-changing market. In March 2019, we moved to a new, comprehensively equipped and modern headquarters, which occupies the total area of 2.4 h.

OFFICE BUILDING WITH SOCIAL FACILITIES

- a separate area for the technical control department with a laboratory
- a tool-room with the electrician's workshop, functionally connected to the production floor

PRODUCTION FLOOR

- two independent bays with the total area of 3,000m²
- two 25/5T cranes and two 2-3T cranes
- a rolling mill
- bending machines
- plasma cutters

COATING PREPARATION FLOOR

- a shot-blasting chamber 17 x 5 m,
- a paint shop with heating and ventilation units, occupying the area of 500m², featuring an 8T overhead travelling crane

STORAGE FACILITIES

- a warehouse building occupying the area of 400m²
- a roofed shelter for steel products occupying the area of 1000m², featuring a 10T overhead travelling crane
- storage and intermediate storage yards occupying the area of 2000m²





Technical Inspection Department

Material Testing Laboratory

We have a fully certified (recognised by the Technical Supervision Office) Material Testing Laboratory. We offer several dozen specialist tests, including visual, penetration, magnetic-particle, ultrasonic, radiographic, metallographic, and destructive testing. Thanks to our extensive base, which includes modern equipment from renowned brands, we are capable of carrying out even the most complex tests, as well as to evaluate and analyse the technical condition of technical elements and devices.

Non-destructive testing

- Visual examination, including the use of endoscopy systems
- Penetration tests
- Magnetic particle inspection
- Ultrasonic testing of welded joints and metallurgical products
- Radiographic inspection
- Ultrasonic thickness measurements with a flaw detector and ultrasonic thickness gauge
- Hardness measurements using stationary and portable hardness testers
- Length measurements

Destructive testing

- Tensile testing of welded joints and steel mill products up to 100KN
- Bend testing of welded joints and steel mill products
- Impact testing of welded joints and steel mill products in the range up to 300 J, in the range of ambient temperatures and up to -50°C
- Break tests

Pipeline testing

- The diagnostic tests were performed using non-destructive methods
- Metallographic examination, by means of matrix replicas, using an optical microscope and a scanning electron microscope
- Destructive testing of samples taken from the pipelines, with determination of the level of mechanical properties, at ambient and operating temperatures
- Strength calculations for pipeline elements exposed to the impact of forces resulting from the reacting supports and fixtures, calculation of the TRIFEX self-compensation capacity
- Surveying measurements of pipeline positions in cold and hot conditions
- Working analyses and assessment of the technical condition of the pipeline fixtures
- Analyses of the technical condition of the pressure elements, with an opinion on their suitability for further operation

Metallographic tests

- Macroscopic testing of welded joints and steel mill products
- Macroscopic examination of welded joints and steel mill products using an optical microscope and a scanning electron microscope

Equipment

| EXAMINATION AND MEASUREMENT EQUIPMENT | |
|---|-------------------------------|
| Intended use of the device Name / Type | Manufacturer |
| Thickness measurement | |
| MMX-6 ultrasonic thickness gauge | DAKOTA USA |
| MMX-6 ultrasonic thickness gauge | DAKOTA USA |
| MMX-6 ultrasonic thickness gauge | DAKOTA USA |
| Hardness measurement | |
| Portable hardness tester Equotip 550 | PROCEQ Switzerland |
| Stationary hardness tester HPO 250 | VEB WPM Leipzig |
| Magnetic particle examination | |
| Magnetic flaw detector Pfinder 15-0 | Huijskes |
| Magnetic flaw detector MR 51 | HERSTELLER MR CHEMIE Germany |
| ZB-100 UV lamp | Magnaflux |
| Ultrasonic examination | |
| USM 25S digital ultrasound flaw detector | Krautkramer Germany |
| USM 35XS digital ultrasound flaw detector | Krautkramer Germany |
| Microscopic examination | |
| NIKON MA 100 stationary optical microscope | NIKON |
| SU3800 digital scanning electron microscope | HITACHI |
| Strength tests | |
| Testing machine ZD-40 | WPM LEIPZIG |
| Testing machine HM17-1-EU-100 | LaborTechOpava WPM LEIPZIG |
| PSW 30 Charpy impact test | VEB WPM Leipzig |
| Radiographic examination | |
| ERESKO 32MFC3.1 X-ray tube | GEIT SEIFERT Germany |
| X-ray flaw detector 880 ELITE series | SENTINEL USA |
| X-ray flaw detector GAMMAMAT SE | MDS Nordion SA Belgium |
| FV-2010 view box | Lcndt |
| Endoscopic examination | |
| EVEREST XLG3 endoscope Ø 8mm/L 6000mm | EVEREST USA |
| VIS350 L30m Wöhler inspection camera | Wöhler |
| Internal stresses measurement | |
| P3 bridge measurement unit | Micro-Measurements USA |
| Calibrated measuring instruments used in NDT testing | |
| Calibrated temperature measuring instruments in the range from -50°C to +750°C | |



Licences and certificates

Management Systems Certification

| Scope of the certification | Certification Body |
|--|---------------------------|
| Management System Certificate Confirming compliance with the Quality Management System standard - ISO 9001:2015 | Det Norske Veritas Poland |
| Management System Certificate Confirming compliance with the requirements of the Occupational Health and Safety Management System Standard - OHSAS 18001:2007 | Det Norske Veritas Poland |
| Management System Certificate Confirming compliance with the requirements of the Environmental Management System Standard - ISO 14001:2015 | Det Norske Veritas Poland |

Certificates and attestations issued by TÜV Rheinland

| Scope of certification | Certification Body |
|---|--------------------|
| PN-EN 1090 EXC3 Execution of load-bearing structures in all types of structures | TÜV Rheinland |
| PN-EN ISO 3834-2 Comprehensive quality requirements for fusion welding of metallic materials | TÜV Rheinland |
| Certificate - Material Marking Transfer System Transfer of marking of metal materials with certificates 2.1, 2.2, and 3.1, according to PN-EN 10204 | TÜV Rheinland |
| Certificate of Qualification attesting the competence of the Manufacturer to perform welded joints on pressure parts, in accordance with 2014/68/EU Pressure Equipment Directive | TÜV Rheinland |
| Certificate of Qualification attesting the competence of the Manufacturer to perform welded joints, in accordance with AD 2000-Merkblatt | TÜV Rheinland |

ATTESTATIONS GRANTED BY THE TECHNICAL SUPERVISION OFFICE (UDT)

- Certificate of Approval of the Laboratory No. LBU-044/22-19 confirming that the Office of Technical Inspection approves the performing of laboratory tests, in accordance with PN-EN ISO/IEC 17025:2005
- UDT permit No. UC-22-29-N/2-01 approving the repairing of the following: steam boilers, water boilers, fixed pressure vessels, steam pipelines
- UDT permit No. UC-22-29-P/3-16 approving modernisation of steam boilers, water boilers, steam pipelines connecting a boiler with a turbine generator, fixed pressure vessels
- UDT permit No. UC-22-29-E/3-01 approving the manufacture of pressure equipment components
- UDT permit No. UC-22-29-W/2-01 approving the manufacture of fixed pressure vessels
- UDT permit No. UC-22-29-M/1-00 approving the installing of steam and water boilers



Qualifications of workers

The chain is only as strong as its weakest link. Since the very beginning of our existence, we have been placing great emphasis on having only top class specialists in their respective fields within our company.

They all have the necessary certificates, know-how, and experience to cope with even the most challenging situations and in the most extreme conditions.

We employ about 400 highly qualified employees, specialists in their respective fields.

We have been cooperating with many of them on a continuous basis for years. We have also maintained a steady level of employment, with slight fluctuations occurring in moments when orders increase. This has allowed us to earn the reputation of a reliable and stable employer in the region.



Fitters

Knowledge and skills supported by years of experience and:

- licences for operation, maintenance, repair, assembly for group 2 equipment dedicated to producing, processing, transferring, and consuming heat, and other power equipment
- licences for maintaining, overhauling, assembling of group 1 power systems and networks dedicated to generating, processing, transferring, and consuming electric energy

Contract Managers Works Managers

Knowledge and experience gained during the completing of many demanding contracts, and:

- licences for supervising works related to operation, maintenance, repair, and assembly of group 2 equipment dedicated processing, transferring, and consuming heat, and other power equipment
- licences for supervising works related to maintaining, overhauling, assembling of group 1 power systems and networks dedicated to generating, processing, transferring, and consuming electric energy

Welders

Licences to use the following welding methods: 111, 131, 135, 136, 141, and 141 / 111.

Welded materials: ferritic, austenitic, martensitic, and stainless steels.

Welder licences, according to

PN-EN ISO 9606-1.

Welding supervision, according to PN-EN ISO14731.

Quality Inspectors Material Testing Experts

A team of experienced quality inspectors with 2nd and 3rd degree certifications, according to PN-EN ISO 9712:2012, perform a wide range of inspections and tests.

Certified and authorised to carry out inspections and tests, in accordance with the licences and in the scope of approvals granted by the Material Testing Laboratory of ENREM-Połaniec Sp. z o.o.

Engineering support for production and repairs

Internal

A group of engineers, engineering technicians, and welding engineers form a team, which draws up Welding Procedure Specifications (WPS) and works on technologies for the performed production, assembly, and repair works, develops quality assurance plans, work schedules, and other documents necessary to carry out production orders.

External

We cooperate with technical universities, which provide support in preparing survey reports, and with design offices, which carry out projects for us, in the scope of boilers, systems, and structures.

ENREM - Połaniec

and a group of affiliated companies

Using the experience of its equity linked entities, ENREM - Połaniec can now offer the following additional services for our customers:

- On-going mechanical service of machinery and power equipment
- Assembly, overhauls, measurements in the electric power industry
- Assembly, overhauls in the industrial automation industry
- Overhauls, modernisation, and maintenance of hoisting and hauling equipment
- Machining and plastic working

REM-WAR repair company

REM-WAR Sp. z o.o. was established on 4th January 1999, by combining two departments of the Stalowa Wola Power Plant: The Department of Repairing Power Equipment and the Department of Mechanical Engineering. The plant occupies an area of 2500m² and employs 150 people. Since 15th October 2013, its shareholder is ENREM - Połaniec Sp. o.o. The main areas of the company's activity are overhauls of power equipment in power plants, and carrying out repairs for the metallurgical, engineering, and chemical industries. REM-WAR's main contract concerns maintaining the Tauron power plant in Stalowa Wola. ENREM - Połaniec owns 20% of shares in REM-WAR.

REM-WAR

REM-WAR Sp. z o.o.
37-450 Stalowa Wola, ul. Energetyków 13
Site: Elektrownia Stalowa Wola S.A.
Telephone: (+48) 15 877 65 36
or (+48) 15 642 65 66
Fax: (+48) 15 642 61 85
email: kontakt@rem-war.com.pl



ENREM-SERWIS repair company

ENREM-SERWIS was established based on and in cooperation with the employees of the Regional Office in Warsaw, as a response to the market demand for maintenance and technical services. The company predominantly relies on employees from the local market. ENREM - Połaniec owns 20% of shares in ENREM-SERWIS.



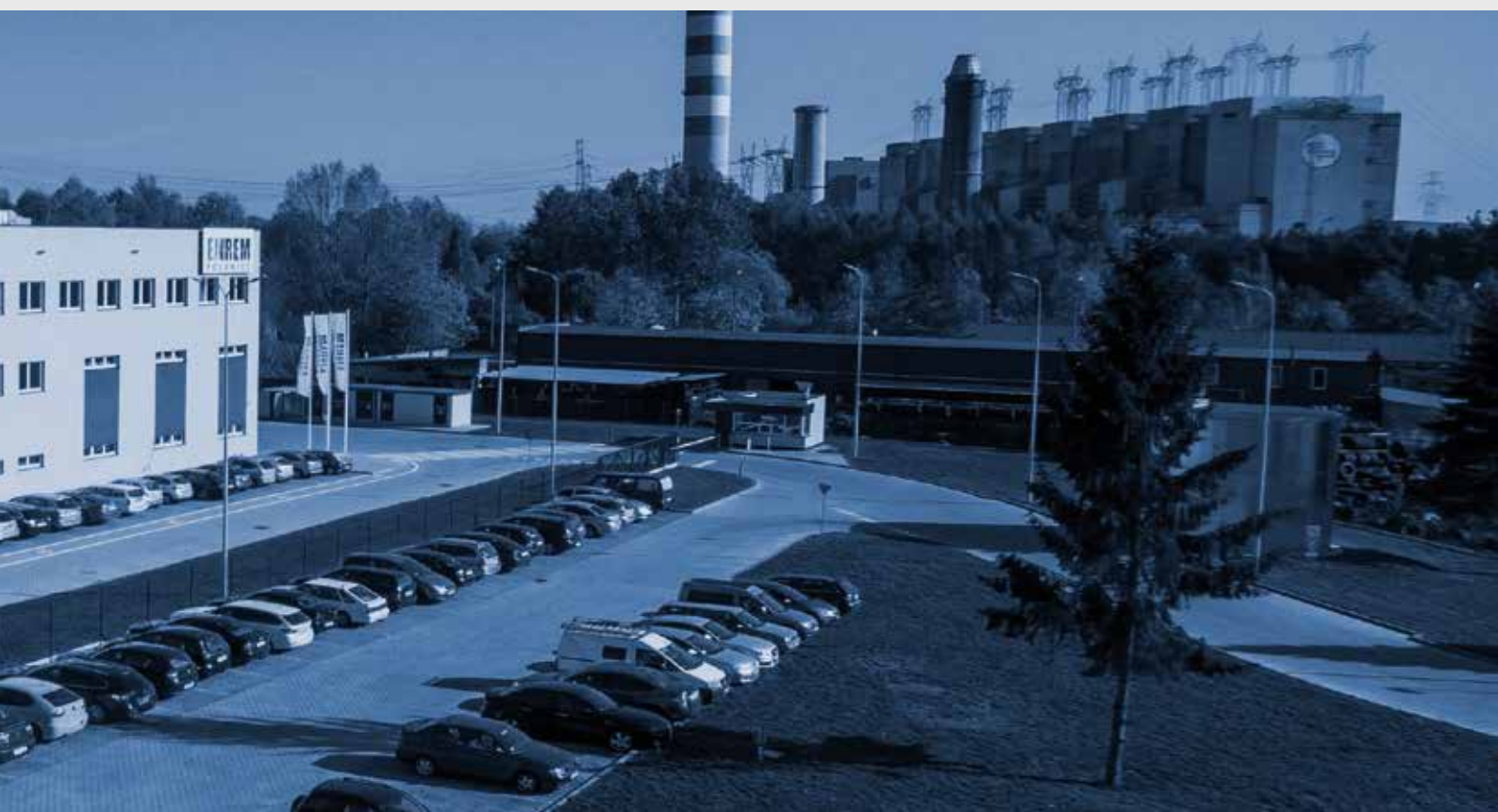
ENREM-SERWIS Sp. z o.o.
ul. Augustówka 30
02-981 Warsaw
NIP (Tax Identification Number): 521-36-70-230
warszawa@enrem-serwis.pl

ENDEC Ltd - Polish-French repair company

ENDEC Ltd was established by two Parties: Foure-Lagadec from France and ENREM - Połaniec from Poland. Since 2004, both companies have been cooperating on the French market, in the scope of industrial maintenance. ENDEC Ltd is dedicated to carrying out specialised maintenance work at the SOLVAY factory in Włocławek (Poland). ENREM - Połaniec owns 40% of shares in ENDEC.



ENDEC Sp. z o.o.
Zawada 7, 28-230 Połaniec
NIP (Tax Identification Number): 866 17 35 292
Contract Manager:
Przemysław Rodenko
Telephone: (+48) 784 088 599
przemyslaw.rodenko@endec.pl



Completed Projects

For the last 30 years, we have been providing solutions for the large-scale energy generation and industry in the key sectors of the economy. Our portfolio includes dozens of completed projects, both in Poland and abroad. We provide services in the field of overhauls, modernisation and production of heating and industrial systems. We perform diagnostics, prepare survey reports, and carry out advanced material testing. We have the know-how and experience, which allow us to successfully complete the most demanding projects.

DONGES:
TOTAL Refinery

CORDEMAIS:
EDF Power Plant

SAILLAT-SUR-VIENNE:
International Paper
- Paper Mill

LE HAVRE:
▪ EDF Power Plant
▪ TOTAL Refinery
▪ Yara - Chemical Plant

ROUEN:
Borealis - Chemical Plant

PORCHEVILLE:
EDF Power Plant

AVIGNON:
Novaile - Waste Incineration Plant

TARASCON:
Fibre Excellence - Paper Mill

MARTIGUES:
▪ Borealis - Chemical Plant
▪ Oxochimie Ineos - Chemical Plant

NANGIS:
TOTAL Refinery

LYON:
▪ Métropole de Lyon - Chemical Plant
▪ Solvay - Chemical Plant
▪ Kem One - Chemical Plant
▪ Arkema - Chemical Plant

FEYZIN:
TOTAL Refinery

GARDANNE:
▪ Uniper Power Plant
▪ Alteo - Chemical Plant

FOS-SUR-MER:
▪ Acelor Mittal
▪ EveRé - Waste Incineration Plant

ROTTERDAM:
ENGIE Services West Industrie BV
- Prefabrication of pipelines



ŚWIECIE:
EC MONDI Świecie SA

ŁÓDŹ:
INWAT Sp. z o.o.

GDAŃSK:
LOTOS Gdańsk

KWIDZYN:
IP Kwidzyn

POLICE:
Grupa Azoty - Police
Chemical Plant

WŁOCŁAWEK
SOLVAY Włocławek

WARSAW:
▪ PGNiG Termika SA
▪ ALSTOM POWER Sp. z o.o.
▪ SIEMENS Poland Sp. z o.o.
▪ Heat Distribution Network – Siekierki

SZCZECIN:
PGE Z.E. Dolna Odra

GŁOGÓW:
KGHM Polska Miedź
Copper Works

OSTROŁĘKA:
ENERGA Ostrołęka Power Plant

POŁANIEC:
▪ ENGIE ENERGIA POLSKA SA
▪ ENEA Połaniec Power Plant

BOGATYNIA:
PGE Turów Power Plant

TARNÓW:
Grupa Azoty Tarnów

INOWROCŁAW:
▪ ELEKROCIĘPŁOWNIE KUJAWSKIE Sp. z o.o.
▪ SODA Polska CIECH

WRY:
RAFAKO SA

GRZYBÓW:
Grupa Azoty - "Siarkopol" Chemical Plant

JAWORZNO:
TAURON Jaworzno Power Plant

KRAKÓW:
▪ EDF Kraków
▪ TAMEH Polska

Completed Projects

| Location of work | The scope and location of the performed work |
|---|--|
| SODA Polska Ciech - EC Janikowo | <ul style="list-style-type: none"> Carrying out mechanical works, related to the transferring of the TP6/6 (6 MW) turbine set from the Alwernia Chemical Plant, and installing at Janikowo CHP Plant - the job was ordered by INWAT Łódź Modernisation of OP-110 boilers No. 1 and 3 at ZP Inowrocław Carrying out mechanical works, related to after-failure repairing of the TG-1 turbine set at Janikowo CHP Plant (7MW) - the job was ordered by INWAT Łódź Repairing of the TP-6 turbine set and Lang 20.5 MW TP-5 turbine set, at Janikowo CHP Plant Diagnostic tests: CKTI-75 boiler drum No. K1, OP-140 boiler drum, OP-140 boiler chambers Non-destructive testing of welded joints - repairing of K1 and K5 boilers |
| KGHM Polska Miedź S.A. Copper Works in Głogów | Installation of a 7.4MW pass-out and condensing turbine set, including auxiliary equipment and pipelines, in the system - the job was ordered by INWAT Łódź |
| Grupa Azoty S.A. in Tarnów | <p>Installation of a 21MW pass-out and condensing turbine set, including auxiliary equipment and pipelines, in the system - the job was ordered by INWAT Łódź</p> <ul style="list-style-type: none"> Delivery and assembly of pipelines and equipment, as part of the erection of the Polyamide Plant II 80 tt/year located within Grupa Azoty S.A. in Tarnów Overhaul of TPG 170 No. 1 steam boiler - mechanical industry, at Centrum Energetyki GA S.A. Major overhaul of the Lang 4 turbine set, at Centrum Energetyki GA S.A. Major overhaul and modernisation of the WPT-25-3 and LANG 24.1MW turbine sets together with auxiliary equipment - the job was ordered by INWAT Łódź Manufacture, delivery, and assembly of pressure elements of the 2nd duct of the K5 boiler, as part of the objective "Construction of a flue gas denitration system at the ECII CHP Plant" Major overhaul of the OP 230 No. 5 steam boiler, at Centrum Energetyki - the mechanical part |
| Grupa Azoty "SIARKOPOL" S.A. Mines and Sulphur Chemical Plant | <ul style="list-style-type: none"> Overhaul of the 2RB1 SUWZ reactor at the "Osiek" Sulphur Mine Installation and start-up of a new drying node on the insoluble sulphur system Delivery and assembly of pipelines and fittings, as well as delivery and assembly of steel structures related to the project "Modernisation of production by installing a New System for Sulphur Insoluble in Carbon Disulphide". Installation of E7709 A and B condensers, together with piping, within the premises of KiZChS "Siarkopol" Chemical Plant in Dobrów Installation of A1107, A1111, and A1120 tanks, together with piping, within the premises of KiZChS "Siarkopol" Chemical Plant in Dobrów Non-destructive tests carried out during the construction of pipelines for new systems, at Siarkopol Grzybów |
| ENEA Elektrownia Połaniec S.A. | <ul style="list-style-type: none"> Overhauls of the thermal and mechanical equipment for power units No. 1, 2, 3, 7 and 9, at ENEA Połaniec S.A. - the job was ordered by Energomontaż Zachód Wrocław Prefabrication and installation of pipelines and equipment, as part of the construction of the SCR system - the job was ordered by RAFAKO Racibórz Comprehensive modernisation of the 13K215 TG-5 turbine's piping - the job was ordered by GE Power Elbląg Overhauls of EP-650 boilers No. 1-7 Diagnostic tests of the EP-650 boiler drum No. K-1, K-6, K-8, tests of fresh steam and secondary steam pipelines of the EP650 K1 and K4 boilers Repairing of the turbine section of power unit No. 6 Repairing of the equipment and systems of power unit No. 6 - K6: inspections, preparation for tests, repairs after tests Modernisation of auxiliary equipment at power unit No. 5, at ENEA Połaniec S.A. - Package D: Main condensate system. Package E: Cooling water system in the plant room. Inter-unit system Modernisation of power unit No. 5 and equipping it with new pressure elements, in 2019 <p>Package A: Replacing fresh steam superheater II". Replacement of secondary steam superheater III". Installation of secondary steam desuperheaters, extension of a secondary superheater</p> |
| IP Kwidzyn Sp. z o.o. | <ul style="list-style-type: none"> Repairing of the bark boiler and boiler's auxiliary accessories, together with performing tests for a supervision pressure test Diagnostic tests: OP-140 KW-2 type steam boiler drum; CKTI-75 boiler drum No. K1 |
| TAURON Jaworzno Power Plant | Installation of pipelines accompanying the J910 turbine set - the job was ordered by Doosan Babcock Energy Rybnik |
| PGNiG Termika SA Warsaw | <ul style="list-style-type: none"> Modernisation of the corners of WP-200 boiler No. K-4, at Kawęczyn CHP Plant Repairing OP-430 K-10 and K-15 boilers, at Siekierki CHP Plant in Warsaw Major overhaul of the Tz-8 turbine set, at Siekierki CHP Plant Overhaul of the Tz-1 turbine set, at Żerań CHP Plant Major overhaul of the 13P110 (110 MW) -Tz-10, Tz-7 turbine sets, at Siekierki CHP Plant Overhaul of water management equipment, at Żerań CHP Plant Overhaul of the 13P110 Tz-5 and Tz-6 turbine sets, at Siekierki CHP Plant Performing temporary and emergency mechanical works on turbine sets, auxiliary equipment in the plant room, boilers, and auxiliary equipment for boilers installed at PGNiG TERMIKA SA, under the framework agreements |

| Location of work | The scope and location of the performed work |
|---|--|
| PGE Dolna Odra Power Plant | <ul style="list-style-type: none"> Reconstruction of the pressure system of Benson A and B boilers, at the Pomorzany CHP Plant Testing and evaluating the technical condition of the pressure elements of boiler No. 8 Framework agreement for "Repairing of boilers and auxiliary equipment at the Dolna Odra Power Plant" - the pressure part and high pressure pipelines Overhaul of the OP-650 boiler of power unit No. 6, including high pressure pipelines Medium-scale extended repair of the boiler's pressure part and high pressure pipelines of power unit No. 7 - the job was ordered by ZEC SERVICE Wrocław Performing modernisation works, regarding the incineration system of OP 650 boiler No. 8, at the Dolna Odra Power Plant, in order to reduce NOx emissions - the job was ordered by Energotechnika-Energorozruch S.A. Gliwice Major overhaul of the Lang 4 turbine set, at Centrum Energetyki of Grupa Azoty S.A. |
| TAMEH Polska Sp. z o.o. Production Plant in Kraków | <ul style="list-style-type: none"> Installation of a complete SIEMENS SST600 55MW steam turbine set, together with auxiliary equipment - the job was ordered by BUDIMEX S.A. Warsaw Delivery and assembly of the pipelines and equipment, as part of the installation of the SIEMENS SST600 55MW steam turbine set - the job was ordered by BUDIMEX S.A. Warsaw Prefabrication and assembly of complete pipelines, together with the associated fittings and accessories for KH5, KH6 boilers - the job was ordered by Control Process Kraków Production and delivery of assembly segments of steel pipelines, as part of an investment task. Reconstruction of the cooling water system at TAMEH ZW Kraków - the job was ordered by UNISERV S.A. Katowice |
| Polenergia Elektrociepłownia Nowa Sarzyna Sp. z o.o. | Major overhaul of a steam turbine set type DK125/400RA1Z1E1 |
| Mondi Świecie S.A. | <ul style="list-style-type: none"> Shutdown repair work at a department of the Mondi CHP Plant - Scheduled standstill of the plant in the years 2017 and 2019 Overhaul of turbine set No. 2 Diagnostic tests of the pressure part of the BFB boiler |
| ENERGA Ostrołęka S.A. Power Plant | <ul style="list-style-type: none"> Modernisation of the high- and medium-pressure parts of the 13K200 TG-2 turbine - the job was ordered by Siemens Warsaw Delivery of F35-030 clutch fluid coolers, F12-010 lubricating oil coolers, F15-10 sealing oil coolers, F60 lubricating oil coolers |
| PGE CHP Plant Kraków | <ul style="list-style-type: none"> Major overhaul of boiler type OP-380 No. 1 Major overhaul of boiler OP-430 No. 4 - the job was ordered by BETA Ostrołęka Evaluation of the technical condition of the fresh and secondary steam pipelines of the K1 boiler, at the CHP Plant in Kraków Diagnostic tests of the OP-380 boiler drum, station number K1 Diagnostic tests, evaluation of the technical condition, and the possibilities and conditions for further safe operation on the OP-380 and OP-430 boilers |
| PGE GiEK CHP Plant in Turów | Installation of the turbine pipelines during the construction of a new 496MW power unit - the job was ordered by ZRE Katowice (Repair Plant) |
| PETROPLUS PETIT COURONNE Oil Refinery | Overhaul of the reactor in the refinery - the job was ordered by Foure-Lagadec |
| EDF POWER PLANT Le Havre | Replacement of a secondary steam high temperature superheater on one of the boilers - the job was ordered by Alstom Power Service France |
| NORMANDIE OF TOTAL Refinery HARFLEUR | Overhaul and installation of equipment on production systems - the job was ordered by Foure-Lagadec |
| EDF POWER PLANT Le Havre | Replacement of screen elements, replacement of sealing boxes on superheaters, including flow-through pipes going through the screens - the job was ordered by Alstom Power Service France |
| EDF POWER PLANT CORDEMAIS | Replacement of sealing boxes on low and medium temperature primary steam superheaters, including flow-through pipes going through the screens. Replacement of screen panels with bent sections for hatches and inspection openings - the job was ordered by Alstom Power Service France |
| GDF SUEZ (Engie) Cofely West Industrie BV Dordrecht The Netherlands | Prefabrication of pipeline modules - Dordrecht - The Netherlands |
| EDF POWER PLANT CORDEMAIS | Replacement of screen sections, replacement of bent pipes intended for hatches and inspection openings, replacement of sealing boxes of the primary steam superheater, including flow-through pipes going through the screens. Installation of components in the absorber's flue gas desulfurisation system - the job was ordered by Alstom Power Service France |
| Arcelor Mittal Fos-sur-Mer | Replacement of all screens, including piping, on one of the boilers - the job was ordered by CNIM |
| UTVE Lyon Sud Waste Incineration Plant | Replacement of the pressure elements (screens, superheaters) on the boiler of the waste incineration plant - the job was ordered by CNIM |
| Suez Novalie Avignon Waste Incineration Plant | Replacement of the pressure elements (screens, superheaters) on the boiler of the waste incineration plant - the job was ordered by CNIM |
| EVERE Fos-sur-Mern Waste Incineration Plant | Replacement of the screens and coils in superheaters on the boiler in the waste incineration plant - the job was ordered by STMR (Veolia) |
| EDF POWER PLANT CORDEMAIS | Work on pipelines: repairs, modernisation, valve installations - the job was ordered by Foure-Lagadec |
| Arcelor Mittal Fos-sur-Mer | Replacement of hanger tubes, coils of superheaters, screen pipes, and other repair work carried out on the boiler in the waste incineration plant - the job was ordered by CNIM |
| UTVE Lyon Sud Waste Incineration Plant | Repairing of the feeding hopper and repair work on pressure elements of the bark boiler - the job was ordered by CNIM |
| Suez Novalie Avignon Waste Incineration Plant | Replacement of coils on the coal boiler's primary steam superheaters - the job was ordered by CNIM |
| Evere Fos sur Mer Waste Incineration Plant | Replacement of 1400 pipes on an air heater of one of the boilers - the job was ordered by CNIM |
| SNVE Waste Incineration Plant in Grand-Quevilly, France | Replacement of screens on the boiler of the waste incineration plant - the job was ordered by STMR |