

WHAT SETS US APART

Cooperation & Support

We are available whenever you need us – every day of the week, at any time, in any place. You can always count on our advice and consultation. We are always here to answer your calls and respond to your emails rapidly. We want our clients to experience the comfort of having a reliable partner to cooperate with.

Comprehensive Services

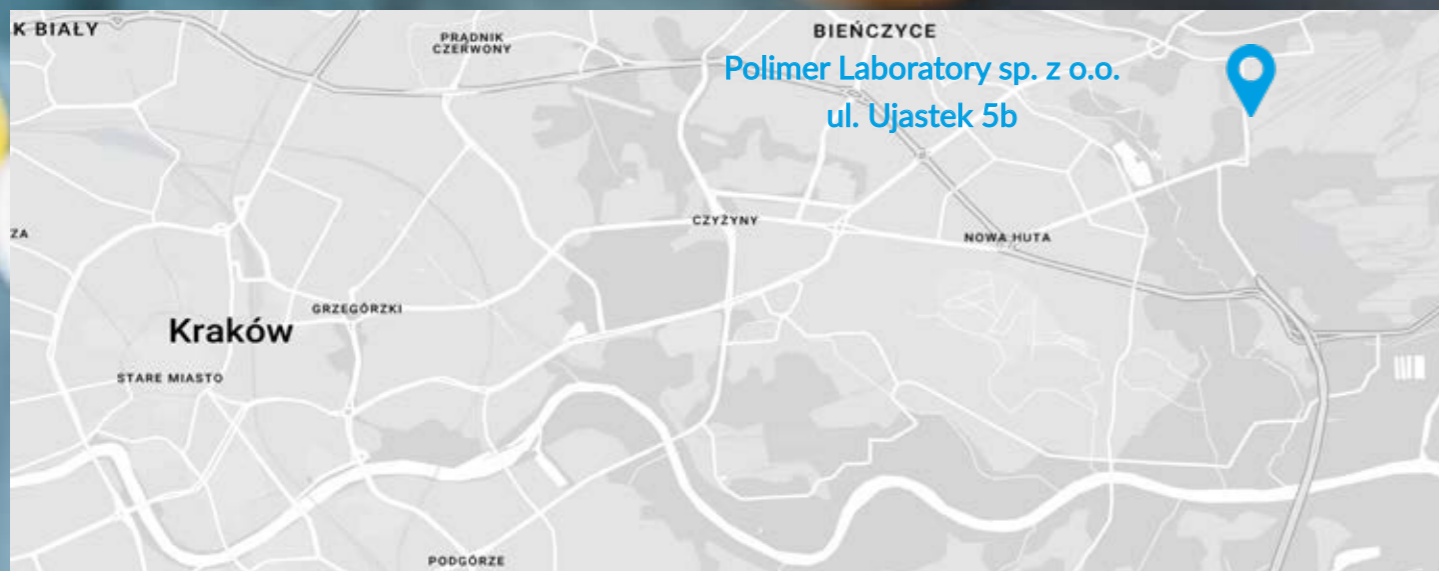
Experienced employees, a large vehicle fleet, extensive range of authorisations held by the personnel and the company, a wide range of tests and cutting-edge testing equipment allow us to comprehensively perform any order at a short notice all over Poland.

Flexibility and Speed

We tailor the timing of the examinations to the client's needs. We provide the results without undue delay. Our employees will give you comprehensive information on the effects of the examination before you receive the test reports.

We operate a Mobile Laboratory, a car with an RT lab, which allows us to develop images in the place of performing the test, at the client's location. This means that indications may be evaluated, and corrections introduced on the fly.

We perform rope access NDT.



Contact us to get a personalised offer!

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Other activities of the Polimer Group:

- Design and manufacture of pressure devices: www.polimer.tech
- Metalworking services: polimer.tech/metalworking



POLIMER *Cooperation and support*
Laboratory

Non-destructive testing



ABOUT US

We provide a wide range of non-destructive testing NDE across Poland. We have particular experience in the refining, petrochemical, chemical, power generation and gas and oil transmission industries.

We provide professional advice in choosing the appropriate testing method.

TEST TYPES

Radiographic testing (RT)

We provide radiographic testing services using X-ray and gamma ray equipment. Your radiographic testing results may be ready very quickly at the location of performance thanks to our **Mobile Lab**, a vehicle adapted to radiographic film processing and evaluation, which facilitates making regular adjustments whenever needed.

Ultrasonic testing (UT)

Ultrasonic tests are carried out as per the standards listed below (thickness ≥ 8) and using the IBUS method (thickness range from 2 to 8 mm).

Ultrasonic Thickness Testing (UTT)

Material thickness measurements can also be made through the coating for both carbon and stainless steel.

Penetrant testing (PT)

Penetrant testing is performed with a coloured fluid or fluorescent dye (under UV light), also at elevated temperatures

Magnetic particle testing (MT)

Magnetic particle testing is performed with a coloured fluid or fluorescent dye (under UV light), also at elevated temperatures.

Visual testing (VT)

Hardness testing (HT)

Hardness measurement of metals and their welded joints is performed using a portable hardness tester on site.

Positive material identification (PMI)

We check the chemical composition of materials and alloys using portable devices with the X-ray fluorescence method.

Leak testing (LT)

Leak testing using bubble emission techniques is a testing method that allows the detection of discontinuities in the material going through it, or leaks, using vacuum pads.

WHAT WE EXAMINE

- Supervision and comprehensive non-destructive testing of industrial installations (pressure equipment, boilers, tanks, process piping, turbines, etc.):
 - 🔄 during construction
 - 🔄 during maintenance / technological / diagnostic shutdowns
 - 🔄 on an active installation – also at high temperatures;
- Supervision and comprehensive non-destructive testing of steel structures
- Diagnostic testing of equipment and structures during their manufacturing / prefabrication
- Testing of materials: casts, forgings, plates, etc.
- Measurements of ovalisation and creep of pipelines
- Comprehensive NDT+DT tests of welded joints carried out as part of welder examination for authorisations as per PN-EN 9606-1
- Comprehensive NDT+DT tests of welded joints carried out as part of welding procedure qualification (WPS/WPQR) as per PN-EN ISO 15614.

CERTIFICATES AND AUTHORISATIONS

Our testing personnel holds level 2 and 3 competence certificates as per the PN-EN ISO 9712 standard and certification according to ASME Level II (RT, PT, MT, UT).

Polimer Laboratory holds approval certificate for laboratory testing issued by the Polish Office of Technical Inspection (UDT).

We meet the requirements of: PN EN 1090, PN EN ISO-15614, ASME, PED, WUDT-UC-WO-W/11:10, DNV, AD2000, TRD, DVS, PN-EN ISO 9606-1.

QUALITY

The high quality of the services provided by Polimer Laboratory is guaranteed by:

- Highly-qualified testing personnel with long-standing experience in numerous industries, holding certificates in accordance with the PN-EN ISO 9712 standard and ASME
- Constant updating of skills
- The implemented and maintained Laboratory Management System compliant with the guidelines of the Office of Technical Inspection and PN-EN ISO 17025
- The use of high-quality equipment made by respected manufacturers
- Understanding of the client's needs and dedication of all employees.

EQUIPMENT

Polimer Laboratory operates advanced, certified equipment made by the leading manufacturers of NDT devices

