

## COOPERATION OFFER

**Dear Sir or Madam !**

We are honoured to introduce you our Company, **Kuźnia Ostrów Wielkopolski Sp. z o.o.**  
The primary assumption of our Company is to fully satisfy our Customers' requirements through professional and nice services.

The Company **Kuźnia Ostrów Wielkopolski Sp. z o.o.** specializes in production and regeneration of parts and tooling necessary for manufacture of railway wagons as well as in production of smith and die forgings for following industry branches :

- railway industry,
- shipyard industry,
- machine industry,
- energetic industry,
- mining industry,
- petroleum industry,
- others.

Moreover, the scope of production of **Kuźnia Ostrów Wielkopolski Sp. z o.o.** allows us to offer :

- smith forgings form 0,03 kg up to 40,0 kg,
- die forgings up to 950 kg.

Our products are being manufactured from following steel materials according to PN/EN/ISO standards, namely :

- general purpose non-alloy construction steel,
- non-alloy high-strength steel,
- non-alloy steel for surface hardening and thermal toughening,
- alloy construction steel for carbonising,
- alloy construction steel for thermal toughening and surface hardening,
- high-temperature steel,
- alloy tool steel for hot treatment,
- alloy tool steel for cold treatment,
- rust-resistant steel (stainless and acid-resistant),
- heat-resistant steel.

The above-mentioned products are being manufactured according to technical delivery conditions and documentation supplied by the Customer.

**Delivery conditions for thermal treatment :**

- raw,
- softened,
- normalized,
- normalized and tempered,
- toughened.

**Ultrasound tests according to :**

- BN-86/0601-09,
- SEP 1921,
- PN/EN 10228-3.

**Testing certificates :**

- PN/EN 10204 3.1,
- PN/EN 10204 3.2.

Non-metallurgical tests according to requirements of following Classification Associations :  
UDT, LRS, CARGO, TUV, BV, DNV, GL ...

**Kuźnia Ostrów Wielkopolski Sp. z o.o.** is in possession of its own UDT and PRS approved laboratory and offers following tests :

- mechanical properties tests,
- defectoscope tests :
  - ultrasound,
  - radiographic,
  - X-ray.

An integral part of **Kuźnia Ostrów Wielkopolski Sp. z o.o.** is its Mechanical Department.

Implementing technologies approved by Central Construction Office of PKP Cargo in Poznan it can offer :  
production of :

- draw gears,
- coupling gears,
- brake triangles,
- welded structures,

and regeneration of :

- draw gears,
- coupling gears,
- flat springs,
- buffers.

The Company **Kuźnia Ostrów Wielkopolski Sp. z o.o.** using its numerous tools, devices and other machining equipment can offer following services

- turning,
- milling,
- shaping,
- grinding,
- boring,
- .....

and

- welding (semi-automatic, electric),
- pressure welding (resistance, friction, flash).

**The Company Kuźnia Ostrów Wielkopolski Sp. z o.o. has been granted following certificates and approvals :**

**L I S T O F A P P R O V A L S / C E R T I F I C A T E S**

No.	ISSUED BY / No.	SCOPE
1	Technical Supervision Office – Central Laboratory of Technical Supervision in Poznan Approval Certificate No. LB-012/17	Tests pertaining to procedures of Technical Supervision as described by legal act of December 21 <sup>st</sup> , 2000 concerning Technical Supervision (Book of Legal Acts No. 122, Pos. 1321)
2	Polish Register of Shipping – Gdańsk Approval Certificate No. TT/297/710405/03 TT/390/710405/03	<ul style="list-style-type: none"> <li>▪ mechanical properties tests of metals,</li> <li>▪ metalographic tests,</li> <li>▪ radiographic tests</li> </ul>
3	Lloyd's Register – London. Certificate No. MD00/1700/0003/3	Forgings up to 50 kg made of : <ul style="list-style-type: none"> <li>▪ carbon steel</li> <li>▪ carbon-manganese steel,</li> <li>▪ alloy steel.</li> </ul>
4	Railway Transport Office Certificate No. T/2004/243/EL	Permission to use for a typical element of railway vehicle Screw coupling of U-031 Os type – 850 kN
5	Main Railway Inspector Certificate No. T/2003/0055/EL	Permission to use for a typical element of railway vehicle Brake triangle, 60 kN
6	Railway Transport Office Certificate No. T/2004/032/EL	Permission to use for a typical element of railway vehicle Brake triangle, 120 kN
7	Welding Institute in Gliwice Qualification Certificate No. 55/870/11/2005	Authorisation to welding works in scope of production, assembly and repair of : <ul style="list-style-type: none"> <li>• steel structures of class 1, 2 and 3 according to PN-M-69008,</li> <li>• building steel structures according to PN-B-06200,</li> <li>• (especially) production and regeneration of subassemblies and parts of railway wagons made of non-alloy construction steel and low-alloy high-strength steel,</li> </ul> using following welding methods : <ul style="list-style-type: none"> <li>• arc welding with coated electrodes (111),</li> <li>• MIG (131)/MAG (135) and TIG (141) arc gas welding,</li> <li>• autogenous welding (311),</li> <li>• pressure, flash and friction welding (21; 24 and 42),</li> <li>• hard and soft soldering (91&amp;94).</li> </ul>
8	Welding Engineering Training and Testing Office in Hanover Approval Certificate No. SLV Ha/6700/C2/164/0Å/2002 2002 700 0868/D 2002 700 0868/729	Welding according to : <ul style="list-style-type: none"> <li>▪ DIN 6700-2</li> <li>▪ DIN 18 800-7</li> <li>▪ DIN EN 729-2</li> </ul>

We are aware of the fact that a company's reputation is to be built mainly by its personnel. That's why our employees have all necessary knowledge, skills and qualifications. We are always at your disposal with our professional advising and assistance concerning technical delivery conditions to be agreed upon submitting an order. Our experience and capabilities guarantee maintaining good direction in continuous development of our company. It also means that we are an open-minded organization and understand our Customer's needs, because it's mainly the crewmembers that shape the good image of our Company.

We encourage you to starting a cooperation with our Company. We are convinced that it will be a good reason for mutual satisfaction.

Best Regards

