

CERTIFICATES IN THE FIELD OF WELDING

During choosing a welding contractor, we are guided by the experience and qualifications of selected professionals. One of the proofs of that a given company offers the highest quality services is its possession of relevant certificates.

Taking into account that the customers, choosing our services, know that we only offer the highest quality, we have ensured that our company has the appropriate certification in the field of welding.

We currently have certificates confirmed by the international company SGS and TUV, which prove our professionalism:

- PN-EN ISO 3834-2: 2007 certificate relating to the quality requirements for welding metal materials,
- PN-EN 1090-1 + A1: 2012 EXC3 certificate, which applies to welded steel structural elements.
- PN 15085-2: 2007 - Welding of Rail Vehicles and their components, CL2 Certification Level

The above certificates ensure professional execution of selected orders, which in turn translates into a guarantee of reliability and solidity.

PRODUCTION:

The IDSOL company carries out orders for demanding industries such as the railway, automotive and energy industries. The team's many years of experience and high competence of engineers enable comprehensive project implementation. Supervision of welding processes is performed by highly qualified welding personnel in accordance with PN-EN ISO 14731.

The production of all types of constructions and devices begins with a detailed analysis of the technical received documentation and the selection of the most suitable production technology. Our company expands its capabilities, also supporting highly qualified subcontractors, which allows us to meet the high requirements of our clients.

1. Production processes used:

- Cutting profiles, rods and pipes
- Gas, laser or waterjet cutting
- Bending sheets, profiles etc.
- Welding structures (135; 141)
- Machining (turning, milling, etc.)
- Sand blasting or shot blasting in class Sa 2.5
- Powder coating, hydrodynamic painting with polyurethane or epoxy paints
- Galvanization
- Hot-dip galvanization according to PN-EN ISO 1461
- Mechanical, electrical assembly with parts entrusted or purchased by IDSOL
- Device tests before shipment
- Transport to the customer

2. Welding technologies used according to EN ISO 4063:

- MIG / MAG 135 (Welding with full electrode wire in active gas shield)
- TIG 141 (Welding with an inert gas shielded tungsten electrode)

3. Materials used

- S235 carbon steel; S355
- boiler steel
- AISI304 high alloy steel; AISI316
- DUPLEX high-alloy steel, heat-resistant steels
- fine grain structural steels S690Q, DOMEX, HARDOX

4. Non-destructive testing (NDT). Personnel qualifications in accordance with PN-EN ISO 9712

- Visual tests - VT3
- Magnetic powder testing - MT3
- Penetrant testing - PT3
- Ultrasonic testing - UT3

5. Our clients are Polish and foreign companies mainly from:

- Germany,
- France,
- Luxembourg