

WELDING PROJECTS

ZUK Stąporków S.A. offers a wide range
of professional welding services



Welding methods:

We use the following welding methods: 111, 135, 136 and 141 for material groups: 1.1, 1.2, 1.3, 1.4, 2.1, 3.1 (S690QL), 7.1, 8.1, 8.2, 43, and 1.2+8.1

We are qualified and licensed to fabricate steel and construction structures covering the following classes:

- EXC1
- EXC2
- EXC3

according to the PN-EN ISO 1090 standard.



QUALIFIED PERSONNEL

We have an in-house team of professional, qualified and certified welding supervisors as required by the PN-EN ISO 14731 standard.

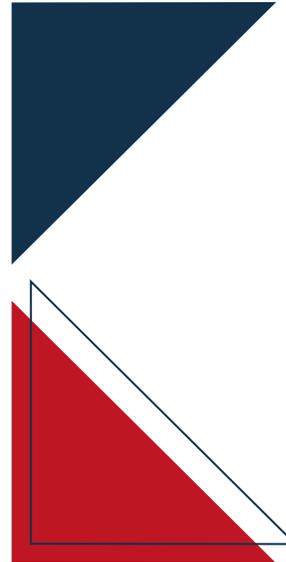
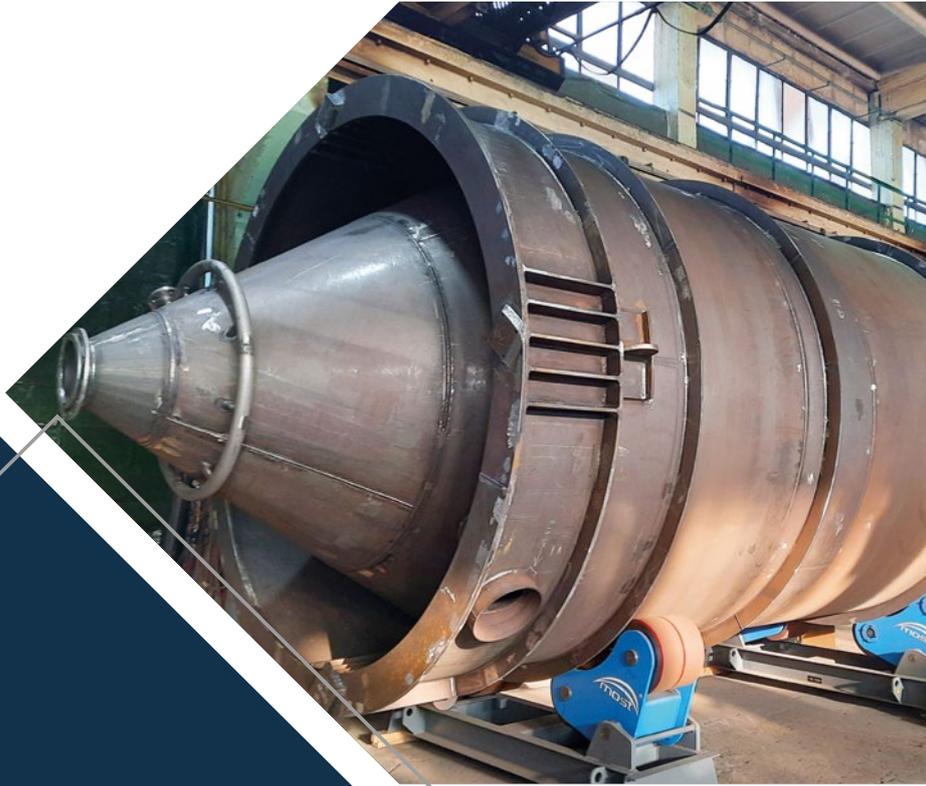
- International Welding Engineer (IWE)
- International Welding Inspector (IWI)
- We also have personnel qualified to perform non-destructive tests of welded joints using surface methods. The personnel are certified according to the PN-EN ISO 9712 standard.
- Certified anti-corrosion inspectors (FROSIO level III).



MODERN MARCHINE PARK

We use the following modern machines:

- A Lorch welding unit designed to collaborate used a COBOT Universal UR10 robot
- Modern welding machines: MAG (135), TIG (141) made by FRONIUS, EWM AG and LINCOLN ELECTRIC
- MSR-20 MOST self-adjustable welding rotator with a carrying capacity of up to 20 MT
- MCP-1 MOST conventional welding positioner with a carrying capacity of up to 1 MT.



NON-DESTRUCTIVE TESTING OF WELDS

In volumetric non-destructive testing of welds, the methods we use include UT and RT. For such tests, we rely on the support of reputable and experienced laboratories, such as WELD-TEST Sp. z o.o and SOLDAR.

The methods we use in such testing include:

- VT2 (visual testing level 2)
- PT2 (penetrant testing level 2)
- MT2 (magnetic particle testing level 2)



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