

MACIEJ KOCHEL

WELDING & COATING INSPECTOR | CORROSION PROTECTION | IWE | QA/QC | NDT LEVEL 2

Coating & Corrosion Protection Inspection • Welding Engineering • Client/Third-Party Inspection • QA/QC • Offshore Wind • Energy • Waste-to-Energy • Steel Structures • Industrial Projects

PROFESSIONAL SUMMARY:

Welding & Coating Inspector and **International Welding Engineer (IWE)** with extensive experience in quality surveillance, technical inspection and international industrial projects.

I combine extensive welding expertise with a developing specialisation in **corrosion protection and protective coating inspection**, covering key quality-control stages throughout the coating application process – from surface preparation and ambient-condition monitoring through verification to final acceptance.

I currently work as a **Client/Primary Steel Inspector** on the **East Anglia TWO offshore wind project (ScottishPower Renewables)**, where I am responsible for quality control of primary steel structures and **pre-coating inspections before shot blasting and the application of protective coating systems**.

I hold **VT2, PT2 and RT2 qualifications in accordance with EN ISO 9712, FROSIO Coating Inspector certification**, and experience working to the requirements of **ISO 12944, ISO 8501, EN 1090, EN ISO 3834, PED and offshore standards**.



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Poland/Europe

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CORE COMPETENCIES

- Coating Inspection ▪ Corrosion Protection ▪ Pre-Coating Inspection ▪ Surface Preparation ▪ DFT ▪ Environmental Conditions ▪ Coating Systems ▪ Final Coating Acceptance ▪ Coating Documentation ▪ Dew Point
- Welding Inspection ▪ Welding Supervision ▪ IWE ▪ WPS/WPQR ▪ NDT ▪ VT2 ▪ PT2 ▪ RT2 ▪ Third-Party Inspection ▪ Client Representation
- QA/QC ▪ NCR ▪ Supplier Inspection ▪ Supplier Audits ▪ Final Inspection ▪ Quality Documentation ▪ Traceability ▪ Compliance

STANDARDS & NORMS

Coating & Corrosion Protection
ISO 12944 • ISO 8501-1 • NORSOK M-501

NDT/Pressure Equipment
EN ISO 9712 • PED • ASME Section IX

KEY COMPETENCIES & PROJECT EXPERIENCE

COATING & CORROSION PROTECTION

Corrosion protection inspection of steel structures – surface preparation checks, ambient-condition monitoring and DFT measurements, verification of coating systems, and assessment of readiness for coating application and final acceptance (**Mercedes-Benz Jawor, East Anglia TWO**).

WELDING + COATING

Combined IWE, NDT Level 2 and coating inspection expertise – assessment of weld quality, surface preparation and corrosion protection of steel structures.

INSPECTION/CLIENT REPRESENTATION

Quality inspections performed on behalf of clients, general contractors and contractors – acceptance inspections at fabricators and subcontractors, documentation review and assessment of structural compliance with project requirements.

OFFSHORE/PRIMARY STEEL

Offshore wind project – surveillance of primary steel and transition piece fabrication, NDT, final inspection and preparation of structures for coating (**ScottishPower Renewables – East Anglia TWO**).

QA/QC & QUALITY SYSTEMS

Development of quality systems, supplier audits, process qualification and preparation of fabrication plants for certification (**HD Technical Services – EN ISO 3834-2/EN 1090 EXC4; Mostostal Zabrze; KONPEA**).

Welding & Fabrication

EN 1090 • EN 15085 • EN ISO 3834 • EN ISO 9606-1 • EN ISO 15614/ISO 15613 • EN ISO 5817

Offshore

DNV-OS-C401

PROFESSIONAL QUALIFICATIONS

FROSIO Coating Inspector

– Level III

International Welding Engineer – IWE

VT Level 2 – Visual Testing

EN ISO 9712, valid until 12.2028

PT Level 2 – Penetrant Testing

EN ISO 9712, valid until 11.2028

RT Level 2/RT-F2 – Radiographic Testing

EN ISO 9712, valid until 07.2029

CQI/IRCA Certified ISO 9001:2015 Lead

Auditor Training

Factory Production Control (FPC)

Supervisor & Internal Auditor EN 1090

VCA Basic

COATING/CORROSION

GRACO Finishing 2K Advanced Training

– technical training in 2K coating material application systems.

TECHNICAL TRAINING

ASME Section IX – welding procedure

qualification requirements

PED – Pressure Equipment Directive

requirements

WPQR – welding procedure qualification

in accordance with EN ISO 15614/ISO 15613

EN ISO 9606-1 – welder qualification

EN ISO 3834 – quality requirements for fusion welding

PROFESSIONAL EXPERIENCE

SCOTTISHPOWER RENEWABLES (EAST ANGLIA TWO), THE NETHERLANDS

12.2025 – till now **TP Inspector – Primary Steel Welding Engineer**

- **Client-side inspection on an offshore wind project involving the fabrication of 64 transition pieces.**
- **Pre-coating inspection of primary steel structures** – verification of surface preparation, weld geometry, edge preparation and readiness for shot blasting and application of the corrosion protection system.
- **Representation of the client’s quality interests** during steel structure fabrication at the fabricator’s and subcontractors’ facilities.
- **Review of WPS/WPQR, welder qualifications and fabrication documentation**, combined with the witnessing of welding processes and NDT activities.
- **Non-conformity management, quality documentation and coordination** with the contractor, subcontractors and the client.
- **Final inspection and release decision**, confirming whether structures are acceptable for shipment to the next stage of assembly.

SYNERGY CONSTRUCT (MERCEDES-BENZ), POLAND

06.2025 – 12.2025 **GC Inspector – Welding Engineer**

- **Quality surveillance during construction of the steel structure for the new Mercedes-Benz paint shop.**
- **Corrosion protection inspection** – surface preparation checks, DFT measurements and verification of temperature, relative humidity and dew point.
- **Verification of compliance with the specified coating system**, documentation of inspection results and final acceptance of protective coatings.
- **Inspection of welded roof structure components** – verification of weld quality, dimensional conformity and compliance with EN 1090 requirements.
- **Identification and follow-up of non-conformities**, combined with acceptance of works performed by subcontractors.

KANADEVIA INOVA (WASTE-TO-ENERGY PROJECT), DARMSTADT, GERMANY

01.2025 – 06.2025 **Site Welding/Quality Inspector**

- **Quality surveillance** of the installation of the boiler, grate and pressure parts, as well as coating repair and touch-up works, **within a waste-to-energy facility.**
- **Inspection of welding activities**, verification of welder qualifications and compliance with WPS, project requirements and PED.
- **Witnessing of NDT activities**, material inspection, quality documentation and monitoring of non-conformities.
- **Quality coordination** between the EPC contractor, subcontractors and the client in an international project environment.

HD TECHNICAL SERVICES, ICELAND

02.2023 – 01.2025 **Principal Welding Engineer**

- **Responsibility for welding processes**, quality, staff and subcontractors across four company branches, covering approximately 40 welders.
- **Qualification of welding procedures (WPQR)**, preparation and implementation of WPS, and welder qualification.

Metallographic Assessment – Macro

Examination of Welded Joints

Kemppi ARCVALIDATOR

EDUCATION

Project Management

Postgraduate studies

Wroclaw University of Economics

and Business, 2024

Joining Processes, Design and Manufacture of Welded Structures

Postgraduate studies

Wroclaw University of Science

and Technology, 2015–2016

Mechanical Engineering – Master of Engineering

Silesian University of Technology, 2013

LANGUAGES

English – Full Professional Proficiency

Polish – Native

ADDITIONAL QUALIFICATIONS

UAV: A1/A3, A2, STS-01

**Authorisation to operate mobile
elevating work platforms (MEWPs)**

Reading of piping isometric drawings

Driving licence: Categories A, B, C

AVAILABILITY

Europe – rotational projects and short-term contracts

Poland – rotational projects, short- and long-term contracts, and office-based work

Target sectors – offshore, petrochemicals, steel structures

- **Leading the fabrication plant certification project to EN ISO 3834-2 and EN 1090 EXC4**, from development of special processes and documentation through to a successful TÜV audit.
- **Auditing, qualification and supervision** of international suppliers and subcontractors.
- **Inspection of completed corrosion protection works** for compliance with the specified coating system and project documentation.
- **Supervision of projects for the energy and industrial sectors**, including Svartsengi Power Station, Carbfix, Climeworks, Linde Gas, as well as PED pressure equipment and pipeline projects.

MOSTOSTAL ZABRZE INC., POLAND

09.2021 – 01.2023 **Deputy Chief Welding Engineer**

- **Supervision of welding processes**, welding, repair documentation, and staff qualifications.
- **Deputy Welding Coordinator for activities** carried out in accordance with EN 1090 and EN 15085.
- **Preparation of the fabrication plant for client and third-party audits**, combined with supervision of compliance with applicable requirements.
- **Inspection of steel structure components** before and after shot blasting as a part of surface preparation for corrosion protection.

WELDING ALLOYS POLAND

08.2020 – 09.2021 **Welding Engineer/Quality Controller**

- **Supervision of welding processes**, production activities and quality documentation.
- **Final inspection of manufactured components** and preparation of inspection/acceptance documentation in accordance with EN 10204.

KONPEA, POLAND

01.2019 – 06.2020 **Welding Engineer**

- **Welding supervision of projects** for the chemical, energy and waste-management sectors.
- **Development of welding procedures** and supervision of work quality and welder qualifications.
- **Preparation of the fabrication plant for implementation of EN ISO 3834 and EN 15085**, combined with supervision of equipment subject to the requirements of the Polish Office of Technical Inspection (UDT).

ALSTOM KONSTAL, POLAND

11.2017 – 12.2018 **Technologist/Process Engineer**

- **Analysis and optimisation of manufacturing processes.**
- **Quality and dimensional inspection of welding activities**, combined with preparation of technological work instructions.
- **Implementation of quality tools**, including P-FMEA and Poka-Yoke.
- **Acceptance of production workstations** against technological and quality requirements.

OBRUM, POLAND

05.2015 – 11.2017 **Design & Development Engineer**

- **Designing structures** and taking part in research and development projects for the defence sector.