

Jacek Tarnowski

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Experience

09.2017 – present

Construction; Health and Safety freelance

- Searching for real estate with potential. Checking the legal status. Determining the details of construction and assembly works. **Estimating investment profitability** with the help of an appraiser
- Creating water and sewage, heating and ventilation projects in **AutoCad**, Cost estimates based on the **Norma PRO program**. Selection and purchase of devices and equipment, health and **safety** issues (work according to safety culture).
Property management
- Conducting construction and assembly works (tools such as an orbital sander, band saw, miter saw, impact hammer, pipe welder, compactor, etc.). Measurements (Anemometr, thermal imaging camera, caliper, rangefinder, level, cross line laser, electronic protractor; SketchUp, purchasing equipment
- **Negotiations** and sales. Assistance with legal formalities.

03.2022 – 08.2023

Civil Engineer

Younchang Hungary Sp. z o.o. Branch in Poland | Dąbrowa Górnicza

- Preparation of documentation (**Instructions** for the Safe Execution of Works, **safety data sheets** for hazardous substances, **BOM**, on-the-job training for employees, work permits, selection and control of individual and group protective equipment, Plant Safety and **risk analysis**)
- Introducing the company to the construction site and starting work.
- Responsible for communication with other companies on the construction site by e-platform
- Organization and supervision of my team's work, **Plant Safety**, pre-work briefings. Creation **reports**, **SAP ERP**, management processes, using **MS Project**. Work strictly connected with **safety and health protection plan** and according to safety culture
- Measurements (Anemometr, thermal imaging, caliper, theodolite, rangefinder, level, Rotary laser leveler)
- **Project development**, among others: determining pipeline routes, installation profiles, creating detailed drawings and assembly diagrams in **AutoCad**, also using **BIM** models (3D)
- Participation in acceptances of investments, in periodic **internal audits** and on-site coordination meetings
- Contact with supervisory, health and safety inspectors. Searching for subcontractors. participation in negotiation meetings

04.2021 – 03.2022

Civil Engineer

TKS Sp. z o.o. | Katowice

- **Development of construction** and executive **design**, e.g. determining pipeline routes, longitudinal profiles for water installations, creating detailed drawings
- Creating **optimization** and conceptual designs for sanitary installations (heating, cooling, ventilation, fire protection, water and sewage systems) in **AutoCad**, also using **BIM** models (3D)
- Creating hydraulic models of water supply and sewage networks thanks to **Epanet 2.0** and **SWMM5**
- Selection of devices, alternative technological and hardware solutions determined by hydraulic calculations
- Installation requiring **whiteroom** and **clean room, ISO 7** and **ISO 8**, selection of devices according to the cleanliness class standard,
- Creating **cost estimates** and preparing offers using the **Norma PRO** program
- Searching for subcontractors. participation in **negotiation** meetings
- Involvement in construction until the end (remotely and on-site according to **safety culture**)
- Co-creation of **as-built documentation**, Daily work with the **SAP ERP system** (communication, clients, contractors, reports, analyses, design work, offers and orders)

11.2019 – 03.2021

Quality Control Specialist

WOOBOTECH POLAND sp. z o.o.

- Managing all material **testing** necessary for production parts, creating documents: **safety data sheets** for hazardous substances, **BOM**, on-the-job training for employees, non-compliance reports (**ncr**), **PPAP** component documents,
- Creation daily, weekly, monthly reports based on **PPM, management processes**, KPI using **SAP ERP**, Microsoft PowerPoint, Visio, Access
- Organizing and supervising the work of my team, **audits, Lockout /Tagout system**, briefings before starting work focusing on plant safety, safety culture, instructions
- Carrying out **product measurements** at every stage of production, especially low-pressure polymerization (HDPE), welding, blow-in (pin gauge, feeler gauges, height gauge, caliper, spirit level)
- Conducting regular internal and external **audits** of suppliers and customers, as well as active participation in the **IATF** audit
- Preparation and introduction of a new project into production, acting in the **MS Project** (cooperation with the production and development department)
- My tasks also included official and unofficial product returns, complaints, finding causes of non-compliance, corrective actions to minimize threats using **Lean Management tools**, 8d reports, 5 why, TQM, **Problem solving** methods, Responsible for communication with clients

Previous experience:

Iaeste Co-coordinator
Apprenticeship – Civil Engineering
ESN PK Co-coordinator
EU practices - heating and ventilation installations

Education

- 10.2022 – 01.07.2023 University of Labor Protection Management
Specialization: **Occupational Health and Safety** (Safety culture) (Postgraduate studies)
- 03.2018 – 07.2021 The Silesian Technical University
Major: Engineering and production management
Specialization: **Quality Engineering** (master)
- 10.2017 – 03.2019 The Silesian Technical University
Major: Environmental Engineering

Specialization: **Sanitary Engineering** (master)
- 10.2012 – 09.2016 Cracow University of Technology
Major: Environmental Engineering
Specialization: **Sanitary Engineering** (bachelor)
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Languages:

Polish: native
English: advanced
German: intermediate

Skills

AutoCAD SketchUp Windows Microsoft Office Adobe Lightroom First aid course
Norma Pro Lean Management Driving license. B Sailing license

Training, certificates

- 06.2023 **Auditor of the occupational health and safety management system PN-ISO 45001:2018**
Organizer: "Zetom" testing and certification plants, Katowice
- 02.2021 **Problem solving techniques taking into account 8D and QRCI**
Organizer: SQD Alliance Sp. z o.o.
- 12.2020 **Environmental management system ISO 14001:2015**
Organizer: AGM Consulting Company
- 07.2015 **Construction cost analysis**
Organizer: Vocational training facility, Tychy
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Interests

Sailing, skiing, tennis, cars, travels, photography, trade, rock and indie music, new technologies