

MAG. NIKOLA EVIC



PERSONAL

Nationality Austrian
Date of birth 20.10.1963

EDUCATION

1978 - 1982 Gymnasium / High School Diploma with distinction
1983 - 1987 Chemical studies at the University of Novi Sad
Oct. 1987 Graduation with excellent academic success and acquisition of the academic degree "Dipl. Ing. Chemistry"
1987 - 1991 Postgrad. studies at the University of Novi Sad
Oct. 1991 Recognition of the academic degree in Austria - "Magister of Natural Sciences, field of study: chemistry"
2005 - 2008 Training Course "Renewable (regenerative) energy sources"
Oct. 2010 Recertification as quality manager/quality auditor
2015 - 2018 Training course "Environmental Protection Technology"
2018 - 2019 Course "Internet specialist - technology, design and use"

PROFESSIONAL EXPERIENCE

Since Dec. 2022 **philoro MELTING & REFINING GmbH**
Laboratory manager

Area of responsibility:

- Laboratory set-up and introduction of the relevant analytical methods (ICP-OES, cupellation test, etc.) as well as independent management of the laboratory team
- Organization and implementation of comprehensive analytical process and quality controls in the field of precious metal refining/extraction
- Analytical support of process optimization
- Development and updating of the documentation of QM systems in the laboratory area as well as a comprehensive analysis data evaluation
- Organization of internal audits and initiation of optimization measures

April - Sept. 2022 Schöller Bleckmann Edelstahlrohr GmbH (SBER) / Austria
Chemical Process Engineer

Area of responsibility:

- Optimization and further development of production processes
- Development of the new treatment concepts and test methods in the in-house wastewater treatment plant
- Improvement of process control and introduction of alternative resources in area of material degreasing
- Evaluation of the existing and introduction of the new test methods
- Definition of the relevant key figures for the purpose of cost optimization
- Participation in cross-departmental development projects

2021 - 2022 Lohmann & Rauscher GmbH & Co. KG / Austria
Laboratory Manager Quality Assurance

Area of responsibility:

- Management of the laboratory for quality assurance
- Material release based on laboratory test results
- Creation of test specifications
- Test equipment monitoring for the quality assurance laboratory

2020 - 2021 Schaffler GmbH, Winzendorf / Austria
Process Engineer

Responsibilities:

- Production and processing of pyrotechnic compositions (production support, optimization, documentation, development of new formulations, safety-related improvements).
- Operation of a test facility for the production of energetic substances (optimization of the synthesis processes as well as process management, development of new energetic materials)
- Method development and evaluation for thermal analysis, IR spectroscopy and other analytical methods
- Participation in cross-departmental development projects

2008 - 2019

K1-Kompetenzzentrum BIOENERGY 2020+, Graz / Austria

Senior Researcher in the field of "Biomass combustion and energetic use / medium-sized and large plants"

Area of responsibility:

- Equilibrium calculations for thermal combustion plants and support for the software and databases used for this
- Performance of the test runs on existing laboratory reactors and process monitoring on biomass-based energy units
- Method development, implementation, and evaluation of thermoanalytical investigations with STA-MS (TG/DSC; TG/DTA)
- Use and optimization of the various measurement methods from the field of gas analysis (FTIR, CLD, FID, RGA)

2008 - 2014

Institute for Process and Particle Technology, Graz University of Technology / Austria

Research associate in the research group "Thermal Biomass Utilization"

Area of responsibility:

- Development, optimization and application of models to perform thermodynamic equilibrium simulations with the software code FACTSAGE
- Performance of thermoanalytical investigations with STA-MS (TG/DSC; TG/DTA) and developing evaluation routines for such experiments
- Investigation of the thermal decomposition behavior of biogenic fuels in the specially developed fixed-bed combustion reactor, including adaptation and further development of the methods used
- Implementation and optimization of the various measurement methods from the field of gas analysis (FTIR, CLD, FID, RGA)

2006 - 2008

Employed at Frimeco, an international manufacturer and supplier of special mixtures and raw materials for the friction lining industry, Vienna

Head of Research and Development, Head of QM

Responsibility:

- Development of the new, high-quality formulations
- Management and further development of the QM system
- Verantwortlicher für Umsetzung der REACH-Verordnung
- Product improvement and process optimization
- Customer care and support

2002 - 2004

Hirtenberger Defence Systems GmbH & Co KG, Hirtenberg / Austria

Head of production and development in the areas of initiating explosives synthesis and pyrotechnics

Area of responsibility:

- Production monitoring and production optimization
- Development of conventional as well as low-emission ignition charges and pyrotechnic formulations
- Company representation at the international organizations

1993 - 2002

Lohmann & Rauscher GmbH / Austria

Head of the chemical-physical laboratory, head of control according to § 70 AMG (Medicines Act)

Area of responsibility:

- Management of the chemical-physical QA laboratory
- Participation in the development/optimization of production processes
- Statistical data analysis
- Training of employees

1989 - 1991

Institute of Chemistry, University of Novi Sad, former Yugoslavia

University assistant for analytical, instrumental and electrochemistry

Responsibility:

- Teaching and training students in the subjects Analytical, Instrumental and Electrochemistry
- Scientific research in the above areas