

**Alexander Nadikov**

**Instructor**

### **Career synopsis**

I have over twenty years of experience in the field of instrumentation technology in oil and gas industry. My professional career spans various aspects, from diagnosing and solving complex technical issues to developing and conducting technical training, one of which areas is renewable energy.

My career began at the State Power Supply Company, where I worked as an electrician from 1995 to 2003. During this period, I acquired valuable skills in repairing, replacing, modifying, and calibrating various types of electric meters. I also engaged in training and coaching work teams, which allowed me to gain a deeper understanding of the importance of quality and safe work execution.

In 2003, I joined Exxon Mobil as an Instrumentation Technician. In this role, I diagnosed and resolved complex issues in instrumentation systems, reducing system downtime by 50%. I continuously kept up with technological advancements and recommended improvements that enhanced overall process efficiency. A key part of my responsibilities was also the development and implementation of technical training programs, creating training materials, and evaluating training effectiveness.

Since 2019, I have been working at Petrofac as a Technical Instructor. My responsibilities include developing training materials and programs, assessing and monitoring student progress, and creating practical exercises and laboratory sessions. I also ensure that knowledge in the field remains up-to-date and create technical documentation.

Have two hi education as power engineer, and teacher of technology. Finish TSTC (Texas State Technical college) as instrumentation technician. Finish College in Russia as a mechanic of Forest industry.

I have skills in working with the following manufacturers - Bentley Nevada, CCC, Fisher, Rosemount, Rotork, etc.

My many years of experience and deep knowledge in both traditional and alternative energy enable me to offer unique solutions and ensure a high level of training. I strive for continuous process improvement and the implementation of the latest technologies. My approach to training includes interactive and practical methods that help students not only acquire knowledge but also confidently apply it in practice.

If you want to learn more about his career path and experience, we highly recommend watching the interview with him, conducted specifically for our Academy <https://www.youtube.com/watch?v=8Tpb24V0eHc>

### **Professional experience**

#### **September 1995-June 2003 - Electrical technician - State Power supply company., Russia**

- Repairing, replacing, modification and calibrate different types of electric meters.  
Training, coaching and examining to conduct an exam working team and workers.
- Personnel training
- Knowledge test / assessment

#### **September 2003-September 2019 - Instrumentation tech - Exxon Mobil company, Russia**

- Troubleshoot and diagnosed complex issues with instrumentation systems, utilizing advanced diagnostic tools and techniques to identify and resolve problems, resulting in a 50% decrease in system downtime.
- Stayed updated with advancements in instrumentation technology and recommended and

implemented improvements to enhance system performance, resulting in an increase in overall process efficiency.

- Design and develop technical training programs
- Develop comprehensive learning plans and materials
- Conduct needs assessments to determine training objectives
- Create instructional and educational materials
- Develop and administer technical tests and assessments
- Evaluate the effectiveness of training programs
- Maintain training materials and databases
- Stay up to date with the latest industry trends
- Curriculum development
- Personnel training
- Knowledge test / assessment

#### **September 2019-Until now - Technical Instructor - Pertorfac, Russia**

- Developing instructional materials and course syllabi.  
Designing and implementing technical training programs.  
Evaluating and assessing student performance.  
Providing feedback and guidance to students.  
Maintaining up-to-date knowledge in the field.  
Managing and coordinating training systems and activities.  
Developing hands-on exercises and laboratory activities.  
Ensuring that all safety and security requirements are met.  
Creating technical documentation.  
Utilizing multimedia technology in instruction.
- Curriculum development
- Personnel training
- Knowledge test / assessment

#### **Education and qualifications**

<b>Type</b>	<b>Name</b>
1986 - 1990, Bachelor	• Sakhalin state technical forestry • college, • Mechanical technician
1998 - 2003, Master	Sakhalin State University, • Teacher of business and technology
2001 - 2004, Master	Far East State University, Power supply engineer
2005 - 2006, Higher	Texas state technical college, Instrumentation technician

**Language: English, Russian**