



VLADAN OBRADOVIĆ, MSc

Senior Fire Protection Engineering Consultant
Belgrade, Serbia, +381 63 804 3275, obradovic.vladan72@gmail.com

EXECUTIVE PROFILE

Senior Fire Protection Engineering Consultant with 20+ years of international experience delivering fire protection design, engineering, technical review, and implementation support for industrial, infrastructure, and commercial projects. Expertise includes sprinkler, gas suppression, foam, deluge, and high-pressure water mist systems in compliance with NFPA, FM Global, VdS, and EN standards. Proven experience across power plants, automotive manufacturing, oil and gas facilities, pharmaceutical plants, and major commercial developments throughout Europe, the Middle East, and Africa. Licensed fire protection engineer trusted by multinational engineering companies, EPC contractors, investors, and industrial clients for technically sound, standards-compliant, and commercially practical solutions.

CORE COMPETENCIES

- Fire Protection Design in accordance with NFPA, FM Global, VdS and EN Norms
 - Sprinkler, Deluge and Foam Systems
 - Gas Suppression Systems
 - High-Pressure Water Mist Systems
 - Hydraulic Calculations, System Design, BoQ Preparation
 - Installation Supervision, Testing and Commissioning
 - Technical Review and Compliance Verification
 - EPC, Industrial, Infrastructure and Commercial Projects
 - Fire Protection Consulting for Investors, Contractors and Engineering Teams
 - Large-Scale Industrial Facilities
 - Code-Compliant and Performance-Oriented Engineering Solutions
 - Fire Protection Strategy and Risk Assessment
-

PROFESSIONAL EXPERIENCE

06/2023 – Present

Fire Protection Engineering Consultant, Independent, Belgrade, Serbia

Providing consulting, design and engineering services for industrial and commercial fire protection systems. Delivering end-to-end engineering solutions including project scope definition, hydraulic calculations, system design, equipment specification, installation supervision, testing and commissioning in accordance with NFPA, FM Global, VdS and EN Norms.

**Professional Associate | Fire Protection Engineering
Consultant, Accuro Group**

Providing technical consulting and engineering expertise in the field of fire protection systems for industrial and commercial facilities, including design support, project coordination and technical advisory services.

Responsible Designer and Contractor, Empex

Responsible for the design, engineering, and installation supervision of fire protection systems, including sprinkler and gas suppression systems, in accordance with international fire protection standards.

07/2016 – 06/2023

Project Manager, Siemens Building Technologies (SBT)

Managed complex fire protection engineering projects for industrial and infrastructure facilities, including sprinkler, gas suppression and special hazard systems. Responsible for system design coordination, procurement, installation supervision and commissioning in accordance with FM Global, NFPA and VdS standards.

08/2004 – 07/2016

**Technical Manager – Mechanical Department, Securiton
Belgrade, Belgrade, Serbia**

Led the mechanical engineering department responsible for the design and implementation of fire protection systems. Managed engineering teams, client relations and project development initiatives. Contributed to the company's growth from projects valued at €100k to projects exceeding €1 million.

SELECTED PROJECTS & CLIENTS

Selected projects and clients include Michelin Factory, FIAT Automotive Plant, Coca-Cola HBC, MTU Manufacturing Plant, Hemofarm STADA, U.S. Steel, Carlsberg Brewery, Tetra Pak, BAT, Ford, PepsiCo, Belgrade Waterfront Development, Pančevo Oil Refinery, TENT A & B Thermal Power Plants, Airport Batajnica, and Kostolac B3 Thermal Power Plant, demonstrating extensive experience in delivering fire protection engineering solutions for large-scale industrial, infrastructure, energy, pharmaceutical, automotive, and commercial projects.

INDUSTRY EXPERIENCE

- Automotive Manufacturing – FIAT Kragujevac and Ford Projects
- Power Generation – TENT A & B and Kostolac B3
- Oil & Gas / Petrochemical – Pančevo Oil Refinery
- Pharmaceutical – Hemofarm STADA
- Heavy Industry & Steel Production – U.S. Steel Smederevo
- Food & Beverage – Carlsberg Brewery and Coca-Cola HBC
- Commercial & Mixed-Use Developments – Belgrade Waterfront

- Industrial Manufacturing Facilities – Michelin and MTU
-

EDUCATION

University of Belgrade, Faculty of Mechanical Engineering

Master of Science (MSc), Mechanical Engineering

LICENSES & CERTIFICATIONS

- Licensed Responsible Designer
Serbian Chamber of Engineers
 - Licensed Responsible Contractor
Serbian Chamber of Engineers
 - License from Ministry of Interior
Fire Protection Engineering
 - NFPI Certified Water-Based Systems Professional (CW BSP)
-

INTERNATIONAL STANDARDS EXPERTISE

NFPA Standards (USA): NFPA 13, NFPA 11, NFPA 2001, NFPA 12
FM Global Standards - FM Global Data Sheets
VdS Fire Protection Standards (Germany)
European Standards - EN 12845

ENGINEERING SOFTWARE

- AutoCAD
 - FireNetCAD
 - Gas suppression calculation software (FM200, Novec, IG-55, CO2)
 - SprinkCAD
 - FlowCalc (Tyco / Fike)
 - CAESAR II
-

LANGUAGES

- **Serbian** (Native)
 - **English** (Professional working proficiency)
 - **Russian** (Conversational)
-