



Fire Safety and Research Engineer

Degree of education

- Civil Engineering fire protection engineer

Membership

- Chamber of Engineers
- Non-profit association of Fire Protection Engineers

Qualifications / Certificates

- Registered architectural fire safety expert
- Designer license for fire detection and fire suppression systems

Software knowledge

- MS Office
- AutoCAD
- Navisworks

WORK EXPERIENCE / REFERENCES

POSITION

JOB / CLIENT / LOCATION

Chief fire safety expert for 2 years

Branch Office of AO IK ASE

Managing director, fire safety engineer for 4 years

at a Fire Safety Ltd.

Fire safety designer, research engineer for 2 years

at a Fire Safety Project Ltd.

Fire safety designer for 5 years

at an Oil and Gas Industries Engineering Co. Ltd.

Fire safety officer for 2 years

National Directorate General for Disaster, Ministry of Internal Affairs
Department for Fire Safety

Fire safety officer for 4 years

Airport Disaster Management Directorate

Fire protection designer, project manager for 2 years

at a Fire Protection Ltd.

Project experience

Project Title	Role
Bio Co. Ltd. MVR Project	<ul style="list-style-type: none"> • Establishing fire protection concept • Determination the necessary active and passive fire protection devices and technical solutions • Preparing fire protection technical summary during the approval and construction design phase • Consultation with the fire protection authority
CENTRAL EUROPEAN EXPANSION BSF-1	<ul style="list-style-type: none"> • Establishing fire protection concept • Determination the necessary active and passive fire protection devices and technical solutions • Preparing fire protection technical summary during the approval and construction design phase • Consultation with the fire protection authority • Creating Fire Protection MTO
geothermic power plant	<ul style="list-style-type: none"> • Establishing fire protection concept • Determination the necessary active and passive fire protection devices and technical solutions • Preparing fire protection technical summary during the approval and construction design phase • Consultation with the fire protection authority • Creating Fire Protection MTO
Jaewon Industrial Co. Ltd. New NMP Regenartion Plant	<ul style="list-style-type: none"> • Establishing fire protection concept • Determination the necessary active and passive fire protection devices and technical solutions • Preparing fire protection technical summary during the approval and construction design phase • Consultation with the fire protection authority • Fire detection system design • Creating Fire Protection MTO
New Carbon Fiber Factory Project in	<ul style="list-style-type: none"> • Establishing fire protection concept • Determination the necessary active and passive fire protection devices and technical solutions • Preparing fire protection technical summary during the approval and construction design phase • Consultation with the fire protection authority • Evacuation simulations • Creating Fire Protection MTO



Project Title	Customer	Role
ZOLTEK - New Carbon Fiber Factory Project		<ul style="list-style-type: none"> • Establishing fire protection concept • Determination the necessary active and passive fire protection devices and technical solutions • Preparing fire protection technical summary during the approval and construction design phase • Consultation with the fire protection authority • Evacuation simulations • Creating Fire Protection MTO
Lotte Advanced Materials Manufacturing Building		<ul style="list-style-type: none"> • Establishing fire protection concept • Determination the necessary active and passive fire protection devices and technical solutions • Preparing fire protection technical summary during the approval and construction design phase • Consultation with the fire protection authority • Creating Fire Protection MTO
geothermic power plant		<ul style="list-style-type: none"> • Establishing fire protection concept • Determination the necessary active and passive fire protection devices and technical solutions • Preparing fire protection technical summary during the approval and construction design phase • Consultation with the fire protection authority • Creating Fire Protection MTO
Highway Northern Sector No 11 tunnel "A" (2,03 km) and "B"(3,34 km)		<ul style="list-style-type: none"> • Establishing firefighting concept of the new tunnels • Designing heat and smoke extraction system • Declaration of the necessary active and fire protection devices and technical solutions • Consultation with the fire protection authority • Creating Fire Protection MTO
Fire risk assessment of Nuclear Power Plant Block No. 2.		<ul style="list-style-type: none"> • Evaluation of the existing fire protection system of the facility • Determination of the critical places, rooms inside the block. • Survey of the combustible material in critical rooms. • Data supply for the computerised fire modelling of critical rooms • Based on the experience of the investigation definition of the safety improvement measures.

Project Title	Customer	Role
Refinery Gas Engine Power Plant		<ul style="list-style-type: none"> Establishing fire protection concept Coordinate the relating HSE design issues Declaration the necessary active and passive fire protection devices and echnical solutions Preparing fire protection technical summary during the approval and construction design phase Consultation with the fire protection authority Hazardous area classification layouts and calculations Creating Fire Protection MTO
Storage Tank Facility		<ul style="list-style-type: none"> Establishing fire protection concept of new petrol and gasoline storage tanks (20.000 m³) Preparing approval and construction plans of the automatic foam extinguishing system Placement design of new tanks Coordinate the relating HSE design issues Designing water spray and the automatic foam extinguishing system of new tanks (<i>layouts, hydraulic calculation, P&ID drawings</i>) Consultation with the fire protection authority Hazardous area classification layouts and calculations Creating Fire Protection MTO
Bioetanol Plant expansion		<ul style="list-style-type: none"> Establishing fire protection concept Preparing fire protection plans for the approval plans of plant Placement design of plant extension Determination the necessary active and passive fire protection devices and technical solutions
Butadiene Extraction Unit Water spray fire suppression system		<ul style="list-style-type: none"> Preliminary risk assessment Approval and detailed design plans of water spray fire suppression system Water demand and consumption calculation Specification the parts of system Consultation with the fire protection authority
SSBR Plant		<ul style="list-style-type: none"> Establish the fire fighting concept of the new plant Placement design of the new plant Preliminary risk assessment Water demand and consumption calculation Determination of the necessary active and fire protection items and technical solutions Consultation with the fire protection authority Creating Fire Protection MTO and Requisition orders

Project Title	Customer	Role
Adria Pump Station Pump Building		<ul style="list-style-type: none"> Establish the fire fighting concept of the new building Determination of the necessary active and fire protection items and technical solutions Consultation with the fire protection authority Hazardous area classification layouts and calculations Deviation permitting plans
Butadiene Extraction Unit Substation and Control Building		<ul style="list-style-type: none"> Establish the fire fighting concept of the new building Determination of the necessary active and fire protection items and technical solutions Consultation with the fire protection authority Creating Fire Protection MTO and Requisition orders
VGO Deep Conversion Complex (1st Stage) Hydrogen Production Unit (Volgograd, Russia)		<ul style="list-style-type: none"> Establish the fire fighting concept of new plant Placement design Preparing underground fire water ring layouts and technical summary Hydraulic calculations of the underground fire water ring Water demand and consumption calculation Determination of the necessary active and fire protection items and technical solutions Hazardous area classification layouts and calculations Creating Fire Protection MTO and Requisition orders
Suzuki Motor Corporation Assembly building polishing rooms HI-FOG MAU Water mist fire protection system	Co. Ltd.	<ul style="list-style-type: none"> Preliminary risk assessment Layouts and drawings of water mist system Water demand and consumption calculation Specification the parts of system Consultation with the fire protection authority