



Fire Safety and Research Engineer

Degree of education	<ul style="list-style-type: none"> • Szent István University • Ybl Miklós Faculty of Architecture and Civil Engineering fire protection engineer
Languages	<ul style="list-style-type: none"> • Hungarian • English
Membership	<ul style="list-style-type: none"> • Hungarian Chamber of Engineers • Non-profit association of Hungarian Fire Protection Engineers
Qualifications / Certificates	<ul style="list-style-type: none"> • Registered architectural fire safety expert (TUE, BM OKF I-244/2017.) • Designer license for fire detection and fire suppression systems (MMK: 01-14511)
Software knowledge	<ul style="list-style-type: none"> • MS Office • AutoCAD • Navisworks
WORK EXPERIENCE / REFERENCES	
POSITION	JOB / CLIENT / LOCATION
Chief fire safety expert for 2 years	Hungarian Branch Office of AO IK ASE
Managing director, fire safety engineer for 4 years	KOMPLEX Tűzvédelem Ltd.
Fire safety designer, research engineer for 2 years	Innovation Project Ltd.
Fire safety designer for 5 years	OT Industries Engineering Co. Ltd. <i>(formerly known as: Olajterv Co.Ltd.)</i>
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 Budapest Liszt Ferenc International Airport
Fire protection designer, project manager for 2 years	Ventor Fire Protection Ltd.



Project experience

Project Title	Customer	Role
Pannonia Bio Co. Ltd. MVR Project in Dunaföldvár (Hungary)	Pannonia Bio Co. Ltd.	<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
TORAY CENTRAL EUROPEAN EXPANSION BSF-1 (Hungary)	TORAY Industries	<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
Jászberény (Hungary) geothermic power plant	CEGE Geotermikus Koncessziós Ltd.	<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 in Komárom (Hungary)	Jaewon Industrial Co. Ltd.	<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
ZOLTEK - New Carbon Fiber Factory Project in Nyergesújfalu (Hungary)	Zoltek Co. Ltd.	<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



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ZOLTEK - New Carbon Fiber Factory Project in Nyergesújfalu (Hungary)	Zoltek Co. Ltd.	<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 Magyarország Ltd. Manufacturing Building	Lotte Advanced Materials Magyarország Kft.	<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
Tura (Hungary) geothermic power plant	Turawell Ltd.	<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
M0 highway (Hungary) Northern Sector No 11 tunnel "A" (2,03 km) and "B"(3,34 km)	NIF Co. Ltd.	<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 Paks Nuclear Power Plant Block No. 2.	Paksi Atomerőmű Co. Ltd.	<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.

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Algyő Refinery (Hungary) Gas Engine Power Plant	MOL Plc.	<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 technical 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
Vámosgyörk (Hungary) Storage Tank Facility	OPAL Co. Ltd.	<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
Duanföldvár (Hungary) Bioetanol Plant expansion	Pannonia Ethanol Co. Ltd.	<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
Tiszaújváros (Hungary) Butadiene Extraction Unit Water spray fire suppression system	MOL Petrolkémia Co. Ltd.	<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
Tiszaújváros (Hungary) SSBR Plant (Hungary)	JSR MOL SYNTHETIC RUBBER Co. Ltd.	<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
Danube Refinery (Hungary) Adria Pump Station Pump Building	MOL Plc.	<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
Tiszaújváros (Hungary) Butadiene Extraction Unit Substation and Control Building	TVK Plc.	<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)	Lukoil	<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
Esztergom (Hungary) Suzuki Motor Corporation Assembly building polishing rooms HI-FOG MAU Water mist fire protection system	Magyar Suzuki 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