

Curriculum Vitae



Personal information

Surname(s) / First name(s) **Marković Miroslav**
Address(es) Hajduk Stankova 29, 11050 Beograd, Serbia
Telephone(s) Mobile: +381642979822
E-mail miroslav.r.markovic@gmail.com
Nationality Serbian
Date of birth 22.11.1973
Gender Male

Desired employment / Occupational field

Structural engineer / Project engineer

Work experience

Dates	May 2012 – Present
Occupation or position held	Leading Structural Engineer
Main activities and responsibilities	Structural design, Design management
Name and address of employer	MVM-Projekt DOO, Brsjačka 18, 11160 Beograd
Type of business or sector	Cosulting, Design
Dates	July 2007 – May 2012
Occupation or position held	Senior Structural Engineer
Main activities and responsibilities	Structural design, Design management
Name and address of employer	Arup d.o.o. Đorđa Stanojevića 14, 11070 Beograd
Type of business or sector	Cosulting, Design
Dates	May 2001 – July 2007
Occupation or position held	Structural Engineer
Main activities and responsibilities	Structural design
Name and address of employer	Enkos d.o.o. Gročanska 46, 11000 Beograd
Type of business or sector	Cosulting, Design
Dates	February 2000 – May 2001
Occupation or position held	Site Engineer
Main activities and responsibilities	Construction, Site management
Name and address of employer	Gemax d.o.o. Banjički venac 28b, 11000 Beograd
Type of business or sector	Engineering, Construction

Education and training

Dates	October 1993 – November 1999
Name and type of organisation providing education and training	University of Civil Engineering – Structural Department, Belgrade
Level in national or international classification	5 years course, MSc equivalent

Professional Memberships

Member of Serbian Chamber of Engineers, Chartered Engineer with license number 310 E588 07

Personal skills and competences

Mother tongue(s) **Serbian**

Other language(s)

Self-assessment*	Reading	Speaking	Writing
English	1	1	1
Russian	2	3	3

(*)(1 - excellent; 5 - basic)

Social skills and competences

Experience in work in multicultural teams as given the time spent abroad being assigned to work temporary in Arup Istanbul office, but also to collaborate, on a daily basis, to colleagues from many Arup offices.

Organisational skills and competences

Ability to manage and support team of structural engineers and technicians, but also to collaborate to the clients and other project team participants such as architects MEP engineers etc.

Technical skills and competences

12 years of experience in:

- Design of various type of structures, from water supply, industrial and infrastructure to commercial and leisure buildings.
- Structural design from early stages to detailed design.
- Retrofit design, existing facilities evaluation
- Design using different codes: European (EC), US (ACI, ASCE, IBC), Russian (SNiP), Serbian.
- Design using most of finite element method software: ETABS, SAFE, SAP, Robot, RAM Concept, GSA, Tower 6.
- Design using CAD software: Revit Structure, AutoCAD

Computer skills and competences

MS Office package, computers network administration, Active Directory administration

Professional experience

May 2012 – September 2012, Kavkasian Riviera Hotel in Sochi, Russia

Hotel building consists of 3 basement and 10 superstructure floors. Total Area of the building is approximately 50000m². Structure is mostly RC in the area of high seismicity.
Client: Artek MD



September 2012, Vila with covered swimming pool in Ramsau, Austria

A building with one basement and swimming pool at ground level. Roof structure has been designed as a 31m long RC arch structure.



Dec 2011 – April 2012, Technical review of the national TV network towers and masts, Serbia

Technical (3rd party) review of series of the national TV network towers and masts. Project consists of many existing, evaluated/refurbished and newly designed towers and masts, from 35 to 220m height.

July 2011 – October 2011, AOC 800 beds hotel, Ashgabat, Turkmenistan

Member of the Arup Istanbul design team responsible for the design of the 800 beds hotel of Ashgabat Olympic Centre in Turkmenistan.

Hotel Building consists of six, 10 stories high, structural blocks, with total area of approximately 55000 m². Structure represents reinforced structure with shear walls and moment frame lateral stability system in extremely active seismic area (PGA of cca 0.4g)

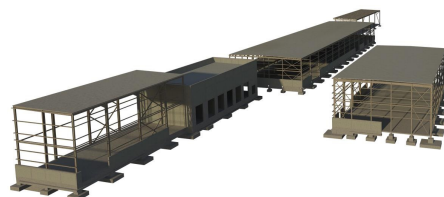
April 2011 – July 2011, Amesco Tower Value Engineering, Dubai, UAE

Value Engineering of the 220m high Amesco tower, commercial building of 42 with residential sky villa. External design has been investigated for possible savings, architectural requirements integration and possible construction optimisation with significant results.

January 2011 – March 2011, Magneti Marelli Factory plant, Kragujevac, Serbia

Magneti Marelli complex consists of 9 different structures, buildings, canopy, tank, piperack and equipment foundations required for Fiat car production support in Kragujevac, Serbia.
Role in the project: Project team leader / Engineer in charge.

Client: Idest, Italy



2010, P&G Baby Care Factory Lagos, Nigeria

Detailed Design of a new P&G factory in Nigeria. Building is steel portal frame structure, with total area of 60 000 m². Miroslav was engineer responsible for design of Converter/Process Building (14000m²) according to British Codes.

Client: Procter&Gamble



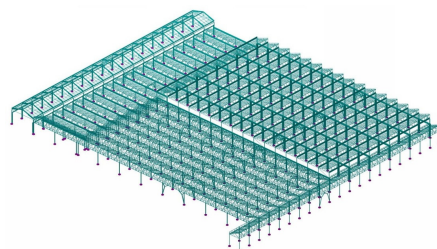
2010, FAS – Fiat Zastava Plant Upgrade/Refurbishment, Kragujevac, Serbia

Factory existing structure assessment with retrofit design of lateral stability system according to current Serbian codes. Structure of 5 production buildings with 30-50 years old structures was checked for actions according to actual Serbian codes taking into account new and replaced part of the plant which has been upgraded due to new process requirements and appropriate structure modifications and strengthening has been designed.

Apart of the existing structure refurbishment few additional small buildings and plantrooms have been designed. Total area factory plants are 250000m².

Role in the project: Project team leader / Engineer in charge.

Client: Idest, Italy



2010, Media Zone Peer Review, Dubai, UAE

Mixed Development of approximately 140000m². Miroslav was responsible particularly for the review of the design of post tensioning slab structure

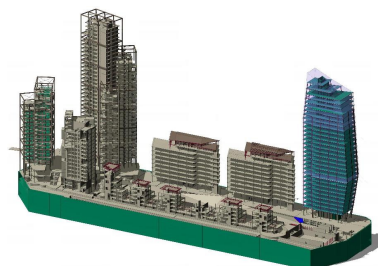
2008-2009 Porto Montenegro, Tivat, Montenegro

Preliminary design of a mixed use waterfront development in the town of Tivat in Montenegro. Includes a marina and a 4 seasons hotel within the apartments complex.

Client: ADRIATIC MARINAS DOO. Architect: REARDONSMITH ARCHITECTS

2008, Varesine, Milan, Italy

Mixed development, led by Hines Italia and Galotti, which comprise retail, offices, residences and car parks on a 32,000m² site. Miroslav role was design of floors structures for one of many buildings - Building 10 up to detailed design.

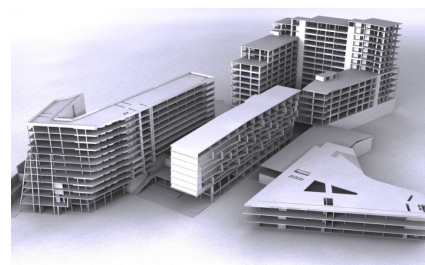


2007, Multifunctional Complex Kazan – Kazan, Russia

Multifunctional complex in Kazan (RF) including Office, Hotel, Retail and Residential buildings with and 2-5 store underground parking.

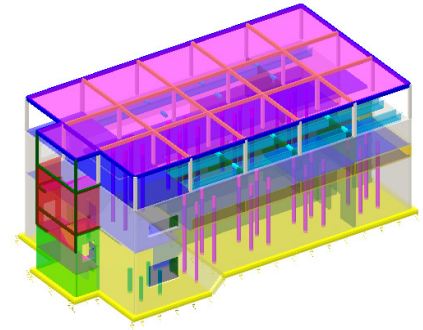
Miroslav was responsible for structural analysis and design of 50,000 m² Office building according to Russian Codes.

Architect: Rozdestvenka



2007, Water supply plant, Mojdež, Montenegro

Detailed design of the reinforced concrete structure of the filtering plant near to Mojdez, Herceg Novi. Structure comprise massive RC walls and plates structure in the lower part with filtering fields and skeleton RC structure in upper part of the structure the building. Capacity of the plant is 600l/s.



2006, Domestic flight terminal of Irkutsk Airport (2000m²), Irkutsk, Russian Federation

Detailed design of the reinforced concrete structure. Building is placed in very high seismic region.



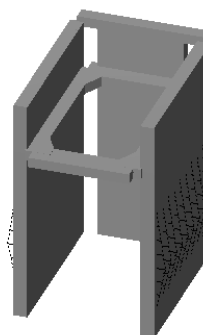
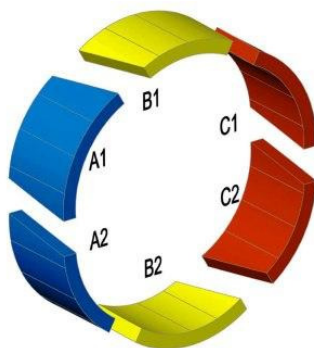
2005, Office building in Sushchevsky Val street (40.000m²), Moscow, Russian Federation

Detailed design of the reinforced concrete structure.



2005, Belgrade sewerage interceptor tunnel (D=4m, L=6.5km)

Detailed design of tunnel tube segments, tunnel boring machine exit pit, tunnel boring machine entrance pit.



2005, School and Office building at Prvonek Damn

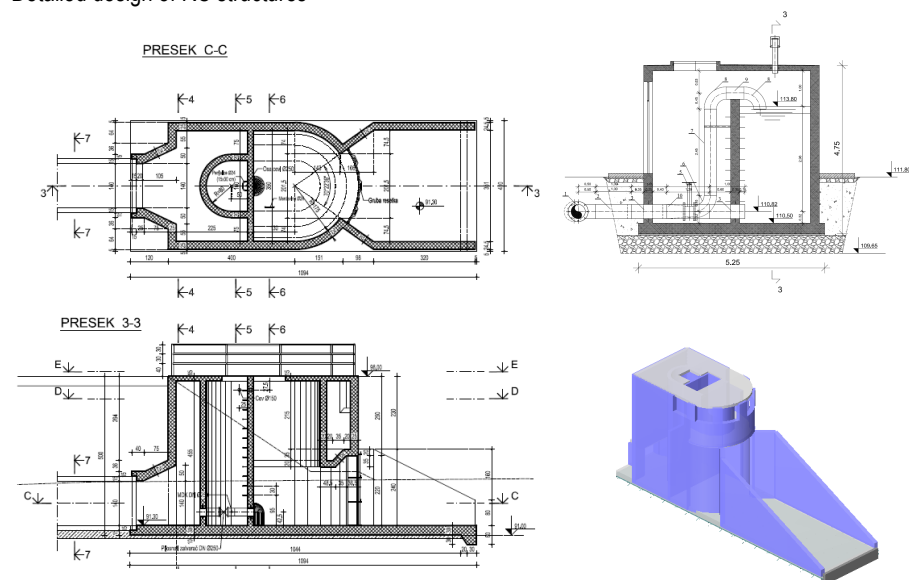
Detailed design of RC structure

2004, Terminal building No.2 of Nikola Tesla Airport, Belgrade, Serbia

Structural repair and enlargement of terminal building (30.000m²)

2003, Tamnava – West field, 5 Retention facilities and cutoff chamber.

Detailed design of RC structures



2002, Facility for housing of flow control equipment on water pipeline Rovni-PPV Pecina, Valjevo, Serbia.

Other skills and competences Category B driving licence