

**1. Proposed Position:**

**2. Name of Firm:** Luca Reggiani

**3. Name of Staff:** Ingegneri Riuniti Spa

**4. Date of Birth:** 3<sup>rd</sup> April 1968

**Nationality:** Italian

**5. Education:**

Degree in Civil Engineering, Traffic Department, obtained at the University of Bologna in 1995 with vote 100/100, discussing the thesis entitled "On the viscoelastic behaviour of rafters of thin wall in composite material".

Scientific maturity obtained at the scientific high school Willigelmo of Modena in the scholastic year 1980/1981.

**6. Membership of Professional Associations:**

Registered at the Order of Engineers of Modena's province since 11<sup>th</sup> January 1996 at n° 1619.

Admitted to the Engineer profession as a result of the State exam performed in the year 1994/1995 obtained by the University of studies of Bologna.

**7. Other Training:**

**From 12<sup>th</sup> to 19<sup>th</sup> April 2016:** Certificate to attendance to the training course entitled "Valutation of antifire's project second the current normative and management system of the antifire safety" – First edition, organized by the Order of Engineers of Modena's province. Professional formative credits n° 8.

**10<sup>th</sup> July 2015:** Certificate of attendance at the training course entitled "The management of the lands rocks from excavation", organized by the Order of Engineers of Modena's province.

**19<sup>th</sup> June 2015:** Certificate of attendance at the course entitled "Theory and practice in the geotechnical enquires, proofs in situ and consolidations", organized by the Order of Geologists of the Lombardia and Mantova.

**29<sup>th</sup> May 2015:** Certificate of attendance at the course entitled "Innovative materials for the structures: concrete at high performance, bars, profiles and laminae in FRP", organized by Eucentre (Foundation European Center of Training and Research in seismic engineering) and RELUIS (Network of University Laboratories of Seismic Engineering) of the Order of Engineers of Pavia.

**24<sup>th</sup> March 2015:** Certificate of Attendance at the course entitled "Innovative systems and solutions for the structural adaptation of building property existing" organized by Mapei Stadium of Reggio Emilia.

**25<sup>th</sup> September 2014:** Certificate of attendance at the course entitled "Regulation UE 305/2011 and marking CE:FOCUS structures in steel. Centres of transformation between normative UNI EN 1090-1 and Technique norms for the constructions". The course was organized by Foundation Promotion Steel of Modena.

**20<sup>th</sup> and 21<sup>st</sup> June 2014:** Certificate of attendance at the short course in "Seismic Geotechnical and rating of the seismic local answer", organized by Eucentre (Foundation European Centre of Training and Research in

seismic engineering) and RELUIS (Network of University Laboratories of Seismic Engineering) by the Order of Engineers of Pavia in collaboration with Presidency of Council of Ministers, Civil Protection Department.

**15<sup>th</sup> and 16<sup>th</sup> November 2013:** Certificate of attendance at the short course in “Analysis, modelling and checking of structures in wood”, organized by EUCENTRE (Foundation European Centre of Training and Research in seismic engineering) and RELUIS (Network of University Laboratories of Seismic Engineering) by the Order of Engineers of Pavia in collaboration with Presidency of Council of Ministers.

**From 28<sup>th</sup> January to 25<sup>th</sup> February 2013:** Certificate of attendance at the seminary of updating entitled “Coordinator of safety in the temporary or mobile building yards at the senses of the legislative decree 81/2008” (44 hours), organized by the Order of Engineers of Modena’s province.

**18<sup>th</sup> July 2012:** Certificate of attendance at the course entitled “Consolidation and restoration of the reinforced concrete structures with composite materials”, organized by FIBROWRAP.

**25<sup>th</sup> May 2012:** Certificate of attendance at the course entitled “Recovery of the built in seismic zone. To the light of NTC 2008 and of insurance aspects” organized by ISI Seismic Italian Engineering.

**24<sup>th</sup> and 25<sup>th</sup> February 2012:** Certificate of attendance at the course entitled “Seismic Design of steel’s structures”, organized by EUCENTRE (Foundation European Centre of Training and Research in seismic engineering) in collaboration with Presidency of Council of Ministers, Civil Protection Department and RELUIS (Network of University Laboratories of Seismic Engineering).

**27<sup>th</sup> May 2010:** Certificate of attendance at the course entitled “Improve the organization”, organized by Nuova Didattica s.c.a.r.l. Management School Confindustria of Modena.

**2008:** Certificate of Attendance at the course of training and updating entitled “Seismic analysis with DM 14.01.08, Technical norms for the buildings”, organized by Concrete srl structural engineering software.

**2007:** Certificate of attendance at the technical-practice course entitled “To built with the steel in seismic zone”, organized by Steel Promotion Foundation in collaboration with the Order of Engineers of Bologna’s province.

**2007:** Certificate of attendance at the course for the utilization of SISMICAD 11 divided in 4 modules “Seismic analysis”, “Statistic analysis no linear”, “checking of reinforced concrete structures” and “Checking of the masonry structures” organized by Concrete srl structural engineering software.

**From January to March 2004:** Certificate of attendance at the course of information and first updating for application of the decree n° 3274/2003 (44 hours) organized by the Order of Engineers of Modena’s province.

**16<sup>th</sup> and 17<sup>th</sup> October 2003:** Certificate of attendance at the course of updating entitled “Project of the concrete’s structures in seismic zone” to the light of the new normative documents, organized by the College of technicians of the building industrialization” at the Polytechnic of Milan.

**9<sup>th</sup> December 1999:** Certificate of attendance at the course of specialization in “Prevention fire for professional engineers” organized by the Order of Engineers of Modena’s province.

**26<sup>th</sup> March 1998:** Certificate of attendance at the training course for the safety in the job of building sector, realized in accordance to the article 10 subparagraph 2, of the legislative decree 494/96, second the prescriptions of which at relative attached V (120 hours). The course was organized by the Order of Engineers of Modena’s province.

**Countries of Work Experience:** Italy, Indonesia, Guinea, Lebanon, Nigeria

**9. Languages:**

Mother tongue(s) Italian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	Replace with name of language certificate. Enter level if known.				
Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user					

## 10. Employment Record:

From 1995 to 2016

Employer: Ingegneri Riuniti S.p.a., 15 Guglielmo Pepe Street, 41126 Modena

Positions held: Project Manager of Structural Engineering and Partner of Ingegneri Riuniti Spa

Main sectors of intervention during of own professional activity:

- ☒ Structural design of works in reinforced concrete and metallic carpentry in civil and industrial building sector.
- ☒ Road works
- ☒ Networks of harvest and disposal of wastewaters – purifiers
- ☒ Normative adaptations of activities subjected to the fires prevention

The interventions in quality of designer and director of works are spread on all national territory especially in Nord Italy and some projects abroad.

<b>11. Detailed Tasks Assigned</b>	<b>12. Work Undertaken that Best Illustrates Capability to Handle the Tasks Assigned</b> <ul style="list-style-type: none"><li>Name of assignment or project: Architectural, structural and civil plant design of buildings belonging to the IV waste to energy plant line in Coriano of Rimini and extension of the thermal conversion plant for urban solid waste – rounds 1 and 2</li></ul> Year: 2007 - 2009 Location: Coriano of Rimini (RM) Client: Hera S.p.a. Bologna Main project features: Works amount USD 4.906.085,17 Positions held: Final design, opinion to the Superintendence, seismic adjustments of structures Activities performed: Structural works designer, seismic adjustments of the structures <ul style="list-style-type: none"><li>Name of assignment or project: Waste to energy plant for province of Salerno. Piana di Sardone – Salerno.</li></ul> Year: 2008
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	<p>Location: Province of Salerno</p> <p>Client: Hera S.p.a. Bologna</p> <p>Main project features: Works amount USD 39.246.230,06</p> <p>Positions held: Final design, seismic adjustments of structures</p> <p>Activities performed: Structural works designer, seismic adjustments of the structures</p> <ul style="list-style-type: none"> <li>• Name of assignment or project: PAI: Integrated Environmental Pole for waste management in Parma ATO – Cogenerative waste to energy plant</li> </ul> <p>Year: 2009 - 2010</p> <p>Location: Parma</p> <p>Client: Hera S.p.a. Bologna</p> <p>Main project features: Works amount USD 20.487.629,42</p> <p>Positions held: Final design, design coordination, adjustment to the fire prevention norms</p> <p>Activities performed: Structural works designer, aseismatic</p> <ul style="list-style-type: none"> <li>• Name of assignment or project: Cogenerative waste to energy plant of Case Passerini (Florence)</li> </ul> <p>Year: 2011</p> <p>Location: Florence</p> <p>Client: Hera S.p.a. Bologna</p> <p>Main project features: Works amount USD 17.549.343,78</p> <p>Positions held: Final design, design coordination, adjustment to the fire prevention norms</p> <p>Activities performed: Structural works designer, project coordinator</p> <ul style="list-style-type: none"> <li>• Name of assignment or project: Renewal of sewer systems in Budriana Fossetta di mezzo of the Municipality of Modena</li> </ul> <p>Year: 2006</p> <p>Location: Modena</p> <p>Client: Hera S.p.a.</p> <p>Main project features: Works amount USD 4.774.208,04</p> <p>Positions held: Feasibility study, preliminary design, design coordination</p>
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	<p>Activities performed: Structural works designer</p> <ul style="list-style-type: none"> <li>Name of assignment or project: Structural and operational management design for the construction of a new unitary head office of the "G. Falcone" Professional Institute at the former Industrial Area "Cantoni" of Gallarate (VA)</li> </ul> <p>Year: 2005 - 2006</p> <p>Location: Gallarate (VA)</p> <p>Client: Municipality of Gallarate (VA)</p> <p>Main project features: Works amount USD 8.088.070,09</p> <p>Positions held: Final and executive design, direction works, seismic adjustment of the structures</p> <p>Activities performed: Designer and operative direction structural works, seismic adjustments of the structures</p> <ul style="list-style-type: none"> <li>Name of assignment or project: Structural design of the new Primary School in Magreta (MO)</li> </ul> <p>Year: 2008</p> <p>Location: Magreta (MO)</p> <p>Client: Formigine Patrimonio S.r.l.</p> <p>Main project features: Works amount USD 2.688.597,58</p> <p>Positions held: Executive design, direction works, seismic adjustment of the structures</p> <p>Activities performed: Structural designer, seismic adjustments of the structures</p> <ul style="list-style-type: none"> <li>Name of assignment or project: Executive and improvements design of the new primary school in Via Pagani, Formigine (MO)</li> </ul> <p>Year: 2009 - 2010</p> <p>Location: Formigine (MO)</p> <p>Client: Cooperativa di Costruzioni of Modena</p> <p>Main project features: Works amount USD 2.688.597,58</p> <p>Positions held: Executive design, seismic adjustment of the structures</p> <p>Activities performed: Structural designer, seismic adjustments of public structures</p> <ul style="list-style-type: none"> <li>Name of assignment or project: Completion of the</li> </ul>
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	<p>Pedemontana bypass to the S.P. 467 - S.P. 569 on the Fiorano Spilamberto stretch - Excerpt 1. Interchanges with split levels in via Canaletto and via Ghiarola Nuova in the Municipality of Fiorano</p> <p>Year: 2001 - 2006</p> <p>Location: Province of Modena</p> <p>Client: Province of Modena</p> <p>Main project features: Works amount USD 4.389.936,63</p> <p>Positions held: Final and executive design, direction works, safety coordination in design and execution stage, design coordination</p> <p>Activities performed: Design and structural works operative director</p> <ul style="list-style-type: none"> <li>Name of assignment or project: Completion of the Pedemontana bypass to the S.P. 467 - S.P. 569 on the Fiorano Spilamberto stretch - Excerpt 2. Bridge over the Torrente Tiepido</li> </ul> <p>Year: 2001 - 2009</p> <p>Location: Province of Modena</p> <p>Client: Province of Modena</p> <p>Main project features: Works amount USD 6.124.593,29</p> <p>Positions held: Final and executive design, direction works, safety coordination in design and execution stage, design coordination, environmental impact valuation, opinion to the Superintendence, seismic adjustments of structures</p> <p>Activities performed: Structural works design, seismic adjustments of the structures</p> <ul style="list-style-type: none"> <li>Name of assignment or project: Redevelopment of the ring road North East and South West of Sassuolo excerpt 1: Road access to the new hospital in the Rometta locality</li> </ul> <p>Year: 2002 - 2004</p> <p>Location: Sassuolo (MO)</p> <p>Client: Municipality of Sassuolo (MO)</p> <p>Main project features: Works amount USD 1.317.681,41</p> <p>Positions held: Preliminary, final and executive design, direction works, safety coordination in design and execution stage, design coordination, acoustic impact valuation</p>
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	<p>Activities performed: Structural works design</p> <ul style="list-style-type: none"> <li>Name of assignment or project: Completion of the Pedemontana bypass to the S.P. 467 - S.P. 569 on the Fiorano Spilamberto stretch - Excerpt 3. From the Ergastolo locality to the S. Eusebius locality.</li> </ul> <p>Year: 2004 - 2010</p> <p>Location: Province of Modena</p> <p>Client: Province of Modena</p> <p>Main project features: Works amount USD 8.702.426,42</p> <p>Positions held: Final and executive design, direction works, safety coordination in design and execution stage, design coordination, environmental impact valuation, seismic adjustments of structures</p> <p>Activities performed: Designer and operative director structural works, seismic adjustments of the structures</p> <ul style="list-style-type: none"> <li>Name of assignment or project: Completion of the Pedemontana bypass to the S.P. 467 - S.P. 569 on the Fiorano Spilamberto stretch - Excerpt 4. From the Ergastolo locality to the S. Eusebius locality.</li> </ul> <p>Year: 2005 - ongoing</p> <p>Location: Province of Modena</p> <p>Client: Province of Modena</p> <p>Main project features: Works amount USD 4.212.536,50</p> <p>Positions held: Final design, environmental impact valuation, seismic adjustments of structures</p> <p>Activities performed: Structural works designer, seismic adjustments of the structures</p> <ul style="list-style-type: none"> <li>Name of assignment or project: Ceramic plant "THAI GERMAN CERAMIC" - Thailand. Production line design of: the raw materials dosage department to the pressing and drying department.</li> </ul> <p>Year: 2004</p> <p>Location: Thailand</p> <p>Client: Sacmi Imola (BO)</p> <p>Main project features: Works amount USD 1.685.014,60</p> <p>Positions held: Executive design</p>
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	<p>Activities performed: Structural works designer</p> <ul style="list-style-type: none"> <li>Name of assignment or project: Restructuring of a section of an industrial shed for use as a warehouse located in via Santi 204 at Cavezzo (MO)</li> </ul> <p>Year: 2004</p> <p>Location: Cavezzo (MO)</p> <p>Client: Becker Acroma Italia S.p.a.</p> <p>Main project features: Works amount USD 898.674,45</p> <p>Positions held: Design coordination, test</p> <p>Activities performed: Static test</p> <ul style="list-style-type: none"> <li>Name of assignment or project: Restructuring of n.3 industrial sheds (A-B-C) at following of the seismic events of the 20<sup>th</sup> and 29<sup>th</sup> May 2012, located in the Municipality of Mirandola (MO), San Giacomo Roncole locality in Via di Mezzo 17</li> </ul> <p>Year: 2013 - 2015</p> <p>Location: Province of Mirandola (MO)</p> <p>Client: Immobiliare Bazzi and Neri S.r.l. and Bazzi &amp; S.n.c.</p> <p>Main project features: Works amount USD 3.509.416,20</p> <p>Positions held: Preliminary, final and executive design, direction works, safety coordination in the design and executive stage, design coordination, adjustment to the fire prevention norms, fire prevention certificate, opinion of conformity to the local health, seismic adjustments of the structures</p> <p>Activities performed: designer and operative direction structural works, seismic adjustment</p> <ul style="list-style-type: none"> <li>Name of assignment or project: Redevelopment intervention of the former Sant'Agostino Hospital complex in Modena</li> </ul> <p>Year: 2011 - 2012</p> <p>Location: Modena</p> <p>Client: Cassa di Risparmio di Modena Foundation</p> <p>Main project features: Works amount USD 29.376.310,56</p> <p>Positions held: Preliminary, final design, design coordination, adjustment to the fire prevention norms, opinion of conformity to the local health, seismic adjustment</p>
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	<p>Activities performed: Fire prevention designer</p> <ul style="list-style-type: none"> <li>Name of assignment or project: Design and realization of a new multifunctional services buildings at the Scarpino landfill</li> </ul> <p>Year: 2011 - 2012</p> <p>Location: Genova</p> <p>Client: A.M.I.U. Genova</p> <p>Main project features: Works amount USD 4.519.124,05</p> <p>Positions held: Final design, design coordination, adjustment to the fire prevention norms, fire prevention certificate, opinion of conformity to the local health, environment impact valuation, acoustic impact valuation, opinion to the Superintendence, seismic adjustments of the structures</p> <p>Activities performed: Structural works designer</p> <ul style="list-style-type: none"> <li>Name of assignment or project: New residential buildings construction in Ravarino. Sector n. 1 Ex Leoni Area - Lot 3</li> </ul> <p>Year: 2008 - ongoing</p> <p>Location: Ravarino (MO)</p> <p>Client: Gavioli Costruzioni S.r.l.</p> <p>Main project features: Works amount USD 10.026.776,69</p> <p>Positions held: Final design, direction works, safety coordination in the design and execution stage, adjustment to the fire prevention norms, fire prevention certificate, opinion of conformity to the local health, seismic adjustments of structures, test</p> <p>Activities performed: Structural works designer, seismic adjustments of the structures</p> <ul style="list-style-type: none"> <li>Name of assignment or project: Project of restoration and conservation renewal of the former "Palazzo Boschetti" where there a change of use destination from hospital to civil habitation</li> </ul> <p>Year: 2006 - 2009</p> <p>Location: Modena</p> <p>Client: Cesa Costruzioni S.p.a.</p> <p>Main project features: Works amount USD 2.359.020,44</p> <p>Positions held: Final and executive design, safety coordination in the design and execution stage, opinion to the</p>
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	<p>Superintendence, seismic adjustments of structures</p> <p>Activities performed: Structural works designer, opinion to the Superintendence, seismic adjustments of the structures</p> <ul style="list-style-type: none"> <li>Name of assignment or project: Project of recovery and conversion of “ex Manifattura tabacchi” in Modena, for urban uses</li> </ul> <p>Year: 2006 - 2009</p> <p>Location: Modena</p> <p>Client: Quadrifoglio Modena S.p.a.</p> <p>Main project features: Works amount USD 14.456.002,75</p> <p>Positions held: Preliminary, final and executive design</p> <p>Activities performed: Structural works designer and direction works operative structural, seismic adjustments of the structures</p> <ul style="list-style-type: none"> <li>Name of assignment or project: Demolition and reconstruction of buildings of the agricultural firm used at civil habitation and agricultural appliances damaged by the seismic event of the 20<sup>th</sup> and 29<sup>th</sup> may 2012 called Casa Malcantone located in Medolla (MO)</li> </ul> <p>Year: 2013 - 2016</p> <p>Location: Medolla (MO)</p> <p>Client: Casa Malcantone in Medolla (MO)</p> <p>Main project features: Works amount USD 2.933.383,74</p> <p>Positions held: Preliminary, final and executive design, direction works, safety coordination in the design and execution stage, design coordination, landscaping relation energetic certification, aseismatic</p> <p>Activities performed: Design and operative direction structural works, seismic adjustment</p>
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### 13. Certification:

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.

\_\_\_\_\_ Date: \_\_\_\_\_

*[Signature of staff member or authorized representative of the staff]* *Day/Month/Year*

Full name of authorized representative: \_\_\_\_\_