



LUCA MAGENES

PRINCIPAL

EDUCATION

Business Specialization Coursera
iMBA University of Illinois - 2021

MS Civil Engineering
UNIVERSITY OF TEXAS - 2011

ME Structural Engineering
UNIVERSITY OF PAVIA - 2008

BS Civil Engineering,
UNIVERSITY OF PAVIA - 2006

YEARS OF EXPERIENCE

Total Years in Industry: 15

Year Started at Company: 2016

LICENSES/REGISTRATIONS

Professional Engineer (AL, AZ, KY,
LA, MI, MS, NM, NC, NV, PA, TX)

Professional Licensee – P.Eng (AB)

ORGANIZATIONS

American Society of Civil Engineers

Secretary, Executive Committee -
Energy Division

Chair, Energy Division Task
Committee on Blast Resistant
Design

Member, Task Committee on
Modularization

Member ASCE 59 Standard
Committee

Member, Task Committee on
Structural Fire

American Institute of Steel
Construction, Member

IEEE, Member

PROFESSIONAL EXPERIENCE

Mr. Magenes is Principal and Sole Practitioner at MAC. During his career he has a proven track record of progressive growth in different roles the Civil/Structural Industry. He has managed or served as a Civil/Structural engineer on both domestic and international Energy, Industrial and Commercial projects. Mr. Magenes has provided design and oversight of field activities for commercial, residential and heavy industrial construction. He holds PE licenses in several US states, in Italy and P.Eng in Canada (AB)

CAREER SUMMARY

ROLE	COMPANY	LOCATION	YEARS
Principal	MAC	TX	2020-Present
Product Line Manager	Powell	TX	2019-Present
Lead Structural Engineer	Powell	TX	2016-2019
Consultant, Project Engineer	BakerRisk	TX	2014-2016
Graduate Research Assistant	UT Austin	TX	2009-2011
Structural Design Engineer	ECSD	Milan, Italy	2009
Designer	Studio Calvi	Pavia, Italy	2007

SELECT ENGAGEMENTS

Powell - Product Line Manager, Integrated Solutions

- ◇ Lead the Integrated Solutions product line (buildings), which generates \$300M yearly revenue in worldwide operations in various market segments, including Energy, Petrochemical, Power Generation, and Utilities.
- ◇ Develop short- and long-term product and technology strategic plans to create new product introductions that drive revenue and growth.
- ◇ Oversee new and existing product development, ensuring new products enter the market quickly.
- ◇ Establish and lead cross-functional teams that regularly exceed sales and margin goals.

Powell - Lead Structural Blast Engineer

- ◇ Provided technical oversight while launching an integrated solutions product line of custom-engineered modules, power control rooms and rigid frame e-houses.
- ◇ Served as the in-charge engineer for a \$35M project retrofitting 17 large power control rooms in a new petrochemical complex.

BakerRisk - Consultant, Project Engineer: San Antonio & Houston, TX

- ◇ Served as lead consultant and project manager while designing new buildings and existing building retrofits to meet specific blast and fire protection standards.
- ◇ Coordinated work between drafters, engineers, and clients (including energy operators, EPCs and A&E firms) to produce building plans and technical reports on time and within budget