

Luca Venturelli

Senior Mechanical Project Engineer – Sub-Project Manager
at HTC – HeidelbergCement Group
MBA – Durham University
Master Degree in Mechanical Engineering – Politecnico di Milano

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Date of birth 22/08/1979 Nationality Italian

WORK EXPERIENCE

From April 2011

Senior Mechanical Project Engineer – Sub-Project Manager HTC – HeidelbergCement Group

for all main CapEx projects and studies in the following plants:

- From February 2015 – Schelklingen Plant (Germany) – revamping of existing 4500 tpd burning line (budget > 100 M€);
- From April 2014 to February 2015 – Fieni Plant (Romania) (budget <20 M€);
- From May 2013 to January 2014 – Dnieprodzerzhinsk Plant (Ukraine) (budget <10 M€);
- From January 2013 to January 2017 – Novoamvrosievskoye Plant (Ukraine) (budget <10 M€);
- From April 2011 to January 2017 – Kryvyi Rih Plant (Ukraine) (budget <10 M€);

Main responsibilities:

- Management of sub-projects with budget up to 8 M€
- Management of the mechanical project activities and team;
- Planning and budgeting for mechanical activities;
- Management of the coordination with the other project's disciplines;
- Tendering for equipment purchasing, engineering and civil/mechanical erection works;
- Contract management with equipment suppliers and civil/mechanical erection works' contractors.

From October 2008
to March 2011

Mechanical Project Discipline Leader CTG – Italcementi Group

for the following projects:

- October 2010 – March 2011 – Rezzato project (Italy) – revamping of existing 3000 tpd burning line (budget > 100 M€);
- February 2010 – December 2010 – Monselice project (Italy) – revamping of existing 3000 tpd burning line (budget > 100 M€);
- January 2010 – May 2010 – Balikesir project (Turkey) – new 142,5 MW wind-farm (budget > 100 M€);
- October 2008 – December 2009 – Martinsburg project (USA) – new 5,000 tpd plant (budget > 300 M€) – **performed in Martinsburg during the erection works' phase;**

Main responsibilities:

- Management of the mechanical project team;
- Contract management with equipment suppliers and civil/mechanical erection works' contractors;
- Technical support for project planning and budgeting;
- Technical support for tendering for equipment purchasing, engineering and civil/mechanical erection works;

From April 2007
to October 2008

Assistant Mechanical Project Discipline Leader **CTG – Italcementi Group**

for the following projects:

- June 2007 – October 2008 – Martinsburg project (USA) – new 5,000 tpd plant (budget > 300 M€) – **partially performed in Martinsburg (USA) during the erection works' phase;**
- April 2007 – June 2007 – Yerraguntla project (India) – new 5,500 tpd plant (budget > 100 M€);

Main responsibilities:

- Support to the Mechanical Project Discipline Leader's project activities.

From November 2006
to March 2007

Junior Engineers Training **CTG – Italcementi Group**

Training for young engineers focused on the cement production process, technologies and on the basic management skills for engineers (Italcementi Group-MIP).

EDUCATION AND TRAINING

From October 2012
to September 2015

Master in Business Administration Accredited by AACSB, AMBA and EQUIS/EFMD **Durham University – England**

level 7 QE/QEQF

Awarded with Distinction

From September 1998
to April 2006

Master degree in Mechanical Engineering **Politecnico di Milano – Italy**

level 7 QE/QEQF

Finale grades: 90/100

July 2006

Certification as Professional Engineer for Italy

November 2016

Prince2 – Practitioner certificate in Project Management
Final grades: 88/100

PERSONAL SKILLS AND COMPETENCES

Native Language

Italian

Other languages

	COMPREHENSION		SPEAKING		WRITING
	Listening	Reading	Interaction	Speaking	
English	C1/C2	C1/C2	C1/C2	C1/C2	C1/C2
German	B2	B2/C1	B2/C1	B2/C1	B2
French	A2	A2	A2	A2	A2
Certification	TOEFL (2012) – 106/120 telc level B1 (2014) – 266,5/300				

Computer skills and
competences

I use often most of the Microsoft Office package applications and I have an intermediate knowledge of AutoCAD (2013).

ADDENDUM

EXAMPLES OF EQUIPMENT USED IN THE EXECUTED PROJECTS

Conveying Equipment

- Belt Conveyor
- Pan/Bucket Conveyor
- Drag Chain Conveyor
- Bucket Elevator (belt/chain)
- Automatic Bridgecrane
- Air-supported belt conveyor
- Chain belt conveyor
- Screw Conveyor
- Airslide
- Vibrating Conveyor
- Pneumatic Transport (with screw pump, rotary feeder, etc.)
- Walking floor
- Roller Conveyor
- Etc.

Dosing Equipment

- Belt Weigh Feeder
- Screw Weigh Feeder
- Rotor Weigh Feeder
- Etc.

Gas Treatment and Conditioning

- Bag filter (Nuisance and Process)
- Electrostatic Precipitator
- De-NO_x System
- De-SO_x System
- Heat Exchanger
- Conditioning Tower
- Dedusting Cyclones
- Etc.

Other Mechanical Equipment

- Pallettizer
- Packing machine, including relevant auxiliary systems (bag-feeder, bag scale, broken bag detector, etc.)
- Storage Silo / hopper
- Truck loading system (spout)
- Hot gas ducts (< ~500 °C) with large diameters (< ~3-4 m)
- Dedusting ducts
- Rotary Feeder
- Chute
- Hot Gas Dampers
- Oil/Gas Hot Gas Generator

- Fan
- Blower
- Sampling System
- Personnel Elevator
- Vibrating Screen
- Rotating Screen
- Hoist
- Truck Scale
- Railcar Weighing System
- Etc.

Utilities

- Water (including pumps, cooling tower, filter, tank, valve, etc.)
- Compressed Air (including compressor, dryer, filter, tank, valve, etc.)
- Oil (including pumps, filter, tank, valve, etc.)
- Fire Fighting (Water, CO₂, Nitrogen, etc.)
- Heating, Ventilation, Conditioned Air System
- Etc.

Industry Specific Equipment

- Burning Line for Clinker Production
- Clinker Cooler
- Limestone Crusher
- Raw Mill
- Cement Mill
- Coal Mill
- Raw Material Dryer
- Gas Turbine (Rankine cycle)
- Wind Turbine
- Etc.