

## CURRICULUM VITAE



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Born: July 1<sup>st</sup>, 1980 in Merate (Italy)  
Nationality: Italian  
Instruction: Engineer Degree

### PROFESSIONAL PROFILE

HVAC Engineer specialized in turnkey HVAC systems for Oil & Gas and Power Plants projects. Oriented professional with ten years of comprehensive experience in detailed design, construction, start-up & commissioning, quality assurance & quality control, procurement and cost control. Conducting both design and field activities, performing as Project Manager, Site Manager and Commissioning Specialist. Qualified in electrical and special systems (Fire & Gas Detection, Fire Fighting and Telecommunication) for buildings and process areas.

### INSTRUCTION

Engineer Degree in  
Telecommunication (Electronic)

Politecnico of Milan (Italy), from 2000 to 2007.

Thesis: "Transmission Control Protocol TCP: taxonomy of cipher systems", discussed on March 5<sup>th</sup>, 2007.

Scientific High School Degreed

Liceo Scientifico Statale of Zogno (Italy), from 1994 to 1999.

### WORK EXPERIENCE

Saipem S.p.A.  
San Donato Milanese (Italy)  
January 2015 – December 2016

Project Specialist for HVAC Systems in process areas and buildings.  
Project Specialist for Building Services as Electrical, Fire & Gas Detection, Fire Fighting and Telecommunication Systems.

- ✓ Detail Design for "KHURAIIS AREA FACILITIES EXPANSION AND SATELLITE GOSP FOR KHURAIIS AL CRUDE INCREMENT" 300 MBCD of crude oil (Khurais, Saudi Arabia) - Client: Saudi Aramco.
- ✓ Detail Design for "STAR RAFINERİ, A.Ş. AEGEAN REFINERY PROJECT (ARP), SOCAR TURKEY AEGEAN REFINERY" (Aliaga, Turkey) - Client: Socar.
- ✓ Basic Engineering Design Data "QUANTUM Green-Field Methanol Plant" (Akwa Ibom, Nigeria) - Client: QUANTUM Petrochemical Processing Plant Ltd.
- ✓ Front End Engineering Design INGENIERÍA BÁSICA EXTENDIDA DE LA REFINERÍA PETROBICENTENARIO (Barcelona, Venezuela) - Client: PDVSA and Eni Lasmo PLC

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Tecno Service S.r.l.  
Lentate sul Seveso (Italy)  
January 2009 – August 2014

Project Specialist for HVAC Systems. Main roles: Project Manager, Site Manager, Quality Manager, Commissioning Manager.

Field activities: Construction, Commissioning, Quality Control, Cost Controller and EHS in the following projects:

- ✓ “GRAIN CHP COMBINED CYCLE POWER PLANT” (Grain, United Kingdom, from January 2010 to April 2011). Client: Alstom Power. Role: Field engineer, commissioning specialist, quality control.
- ✓ “ENI R&M’S REFINERY – IMPIANTO EST ED UNITÀ ASSOCIATE” (Sannazzaro de’ Burgondi, Italy, from June 2011 to August 2013). Client: Saipem. Role: Site manager, cost controller, commissioning specialist, quality assurance and quality control.
- ✓ “EESTI ENERGIA NARVA 2x300 MW CFB POWER PLANT” (Narva, Estonia, from October 2013 to April 2014). Client: Alstom Power. Role: Project manager.
- ✓ “CENGIZ 600 MW COMBINED CYCLE POWER PLANT” (Samsun, Turkey, February 2014). Client: Siemens. Role: Pre-commissioning specialist;

Home office activities:

- ✓ Detail Design for “CENTRICA LANGAGE COMBINED CYCLE POWER PLANT” (Plymouth, United Kingdom), 2009. Client: Alstom Power.
- ✓ Detail Design for “ELECTRABEL FLEVO COMBINED CYCLE POWER PLANT” (Flevo, Netherlands), 2009. Client: Alstom Power.
- ✓ Detail Design for “ENBW RHEINHAFEN-DAMPFKRAFTWERK KARLSRUHE BLOCK 8 PLANT” (Karlsruhe, Germany), 2010. Client: Alstom Power.
- ✓ Detail Design for “GEREGU II POWER STATION”, (Kogi State, Nigeria), 2011. Client: Siemens.
- ✓ Detail Design for “CENGIZ 600 MW COMBINED CYCLE POWER PLANT” (Samsun, Turkey), 2013. Client: Siemens.
- ✓ Detail Design for “EESTI ENERGIA NARVA 2x300 MW CFB POWER PLANT” (Narva, Estonia), 2013. Client: Alstom Power.
- ✓ Detail Design for “HOLIDAY INN” (Dresden, Germany), 2014. Client: Afcon.
- ✓ Technical Proposal for “CARRINGTON COMBINED CYCLE POWER PLANT” (Greater Manchester, United Kingdom), 2013. Client: Duro Felguera.
- ✓ Technical Proposal for “DALIA TZAFIT COMBINED CYCLE POWER PLANT” (Tzafit, Israel), 2013. Client: Alstom Power.
- ✓ Company Lead Auditor, in certified Company, during certification and maintenance phases for Standards ISO 9001 (since 2011) and ISO 18001 (since 2012);
- ✓ System engineer and programmer for PLC software of HVAC Systems.

IT Consultant activities  
March 2007 – December 2008

IT Consultant for development and customization of the ERP software and ERP platforms, Programmer (Languages: C, C++, C#, Java). (Esprit S.r.l., Sistema Ufficio S.n.c., other companies)

Italian Army

Esercito Italiano (mandatory service, from August 1999 to June 2000)

## CURRICULUM VITAE

### LANGUAGES

ITALIAN

Mother tongue

ENGLISH

Understanding: Excellent (Listening and Reading);  
 Speaking: Excellent (Spoken Interaction and Spoken Production);  
 Writing: Excellent (Technical Documents and Specifications);  
 TOEFL certificate, obtained on December 22<sup>nd</sup>, 2000.

### ORGANIZATIONAL AND MANAGERIAL SKILLS

- ✓ Operative management of a construction project on site, responsible of a team of 60 people, including subcontractors and direct hiring (Site Manager for "Impianto Est – Raffineria di Sannazzaro" ENI/Saipem. Value of the project: 4.625.000 + 1.280.000€).
- ✓ Operative management of engineering, procurement and construction projects, including coordination of engineering design teams (Project Manager for "Narva CFB Power Plant" Value of the project: 1.929.000€).

### PERSONAL SKILLS

- ✓ HVAC Systems: design, construction, pre-commissioning, commissioning, start-up and TAB (Testing, Adjusting and Balancing);
- ✓ HVAC Systems: Project Manager, Site Manager;
- ✓ Electrical Systems, Fire and Gas detection systems, Fire Protection Systems, Telecommunication Systems;
- ✓ Quality Assurance / Quality Control: Company Lead Auditor since 2011 on ISO Standard ISO 9001:2008;
- ✓ Environment, Health and Safety assurance and control on site and offices; Company Lead Auditor since 2012 on ISO Standard ISO 18001:2007;
- ✓ Cost controller for erection activities;

### SOFTWARE

- ✓ Windows, Microsoft Office
  - ✓ CAD Software: AutoCAD (good), MicroStation (basic), SPAC Automation (basic), P-Spice (basic);
  - ✓ PLC Languages: EVCO UniPro (excellent), Siemens S7 (basic), Johnson Controls MetaSys (basic);
  - ✓ HVAC Calculation Software: Carrier HAP E20 (good);
  - ✓ HVAC TAB Software: Testo X-35 (excellent);
  - ✓ Lighting Calculation Software: DiaLux (basic)
  - ✓ Softwares: Matlab, SQL, XML, Optcore, NS Network Simulator
- Programming Languages: C, C++, C#, Java

### CERTIFICATES

- ✓ Certificate of Lead Auditor of the Quality Assurance System (ISO Standard 9001:2008)
- ✓ Certificate of EHS Expert (Italian Local Code D.M. 81/2008, RSPP Module "A")
- ✓ Certificate of EHS Advanced Expert (Italian Local Code D.M. 81/2008, RSPP Module "B")