



Curriculum Vitae Europass

Personal information

First name(s) / Surname(s) **Andrea Lainati**
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 Nationality Italian
 Date of birth 12/12/1981
 Gender Male

Desired employment / Occupational field

Operations engineer

Work experience

Dates	01/11/2010 → present
Occupation or position held	Technological department of Venice Refinery
Main activities and responsibilities	Managing day-to-day operations, including safety and environmental issues. Optimising the performance of all assets. Balancing day-to-day operational priorities with longer strategic objectives. R&D activities for the refinery performance improvement.
Name and address of employer	Eni – Venice Refinery Via dei Petroli, 4, I-30175 Porto Marghera (VE, Italy)
Type of business or sector	Oil & Gas
Dates	01/01/2010 → 31/10/2010
Occupation or position held	Pilot plants operation manager
Main activities and responsibilities	Management and training of the operators (14 people) assigned to pilot plants operation. Management (operation and maintenance) of the pilot plants (naphtha and gasoil desulphurisation, hydrocracking, FCC fluid catalytic cracking, coking, visbreaking, atmospheric and vacuum oil distillation, EST hydrotreating of refinery heavy residue, pure water production from sea water by crystallisation).
Name and address of employer	Eni Via F. Maritano, 26, I-20097 San Donato Milanese (MI, Italy)
Type of business or sector	Oil & Gas
Dates	12/12/2005 → 31/12/2009
Occupation or position held	Detail & construction engineering and start-up
Main activities and responsibilities	FCC fluid catalytic cracking pilot plant start-up engineer (San Donato Milanese research centre). Hydrocracking pilot plant Precommissioning & Commissioning leader (Milazzo research centre). Hydrocracking pilot plant Factory Acceptance Test leader at Contractor's premises. EST pilot plant (refinery heavy residue hydrotreating) start-up engineer (San Donato Milanese research centre).

	<p>Oxygen blown SCT-CPO pilot plant (syngas / hydrogen production) start-up engineer (Milazzo research centre).</p> <p>Basic and detail engineering of Oxygen blown SCT-CPO pilot plant revamping (Milazzo research centre).</p> <p>Air blown SCT-CPO hydrogen production plant leader (European Zero Regio project, Mantova). Management and training of the operators (8 people) assigned to plant operation. Maintenance companies (mechanical, electrical and instrumentation) management.</p> <p>Air blown SCT-CPO hydrogen production plant Precommissioning & Commissioning leader (European Zero Regio project, Mantova).</p> <p>Air blown SCT-CPO hydrogen production plant construction leader at Contractor's premises (European Zero Regio project, Mantova).</p> <p>Basic and detail engineering of Air blown SCT-CPO hydrogen production plant (European Zero Regio project, Mantova).</p> <p>Basic and detail engineering of GTL (Gas To Liquids) pilot plant revamping (Sannazzaro de' Burgondi refinery).</p> <p>GTL pilot plant start-up engineer (Sannazzaro de' Burgondi refinery).</p>
Name and address of employer	Eni Via F. Maritano, 26, I-20097 San Donato Milanese (MI, Italy)
Type of business or sector	Oil & Gas
Dates	27/04/2005 - 30/09/2005
Occupation or position held	Detail engineering
Main activities and responsibilities	Risk analysis (HazOp, Top Event) of Air blown SCT-CPO hydrogen production plant.
Name and address of employer	EniTecnologie Via F. Maritano, 26, I-20097 San Donato Milanese (MI, Italy)
Type of business or sector	Oil & gas
Dates	02/05/2003 – 27/07/2003
Occupation or position held	Start-up engineer
Main activities and responsibilities	Drug substance for active pharmaceutical ingredient production plant start-up engineer.
Name and address of employer	Bracco Imaging S.p.A. Via Ceriano, 1, I-20020 Ceriano Laghetto (MI, Italy)
Type of business or sector	Pharmaceutics
Education and training	
Dates	10/10/2003 – 05/10/2005
Title of qualification awarded	Chemical engineering – Master's degree energy & hydrocarbons
Principal subjects/occupational skills covered	Refinery processes, hydrocarbon production and transport, energy conversion, process plant design.
Name and type of organisation providing education and training	Politecnico di Milano (University) Piazza Leonardo Da Vinci, 32, I-20133 Milano (Italy) Technische Universität Hamburg - Harburg (University), Erasmus program Schwarzenbergstraße, 95, D-21073 Hamburg (Germany)
Dates	10/09/2000 – 03/10/2003
Title of qualification awarded	Chemical engineering – Bachelor's degree
Principal subjects/occupational skills covered	Unit operations, industrial chemistry, chemical processes modelling, applied chemistry-physics, safety in the chemical industry, instrumentation and control, machines and energetic systems.
Name and type of organisation providing education and training	Politecnico di Milano (University) Piazza Leonardo Da Vinci, 32, I-20133 Milano (Italy)
Dates	05/09/1995 – 10/06/2000
Title of qualification awarded	Scientific high school diploma

Principal subjects/occupational skills covered

Mathematics, physics, computer science, chemistry, biology.
Italian, Latin, history, philosophy, foreign language (English), art history.
Physical education.

Name and type of organisation providing education and training

Liceo Scientifico G.B. Grassi (High school)
Via B. Croce, 1, I-21047 Saronno (VA, Italy)

Personal skills and competences

Mother tongue(s)

Italian

Other language(s)

Self-assessment

European level (*)

English

German

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
A2	Basic user	A2	Basic user	A2	Basic user	A2	Basic user	A1	Basic user
B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	A1	Basic user

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences

Communication and listening.
Relationship networks building.
Human resources management.
Teamwork.

Organisational skills and competences

Initiative.
Flexibility.
Planning and checking.
Results oriented.

Technical skills and competences

Problem solving.
Innovation.
Decision.

Computer skills and competences

Microsoft Office.
AutoCAD.
Programming languages (C++, Visual C++, Matlab, Fortran, Visual Basic).
Process engineering softwares (PRO/II, Aspen).
SAP.

Other skills and competences

Soccer (12 years experience).
Swimming and running.

Driving licence

Car.

Additional information

Inventor of the patent WO2009065559 "Process for the production of synthesis gas and hydrogen starting from liquid or gaseous hydrocarbons".