

Curriculum Vitae

Personal information

First name / Surname Sara MARCASSA
Address Via G. Marconi 28, 34133, Trieste, Italy
Telephone 0039 3492242630
E-mail sara.marcassa@wartsila.com
Nationality Italian
Date of birth 05 August 1984
Gender Female

Work experience

Dates March 2016 →

Occupation or position held Senior Certification Engineer

Main activities and responsibilities Ensuring Wärtsilä 4-stroke engine portfolio has approved EIAPP parent Technical Files that fulfills IMO emission requirements.
Main contact person from Wärtsilä towards classification societies in questions and activities related to EIAPP certification.
Following the development and the upcoming entry into force of new rules and regulations from IMO/IACS/class societies related to 4-S engines exhaust gas emissions and act as an information source for the Company.

Name and address of employer Wärtsilä Italia S.p.A
Bagnoli della Rosandra, 334
34018 S.Dorligo della Valle, Trieste, Italy

Type of business or sector Wärtsilä Technology Department

Dates October 2012 → February 2016

Occupation or position held Engine Certification Engineer

Main activities and responsibilities Providing support as external consultant for the emission certification of marine diesel and dual fuel engines, according to international and national regulations (mainly EPA, but also IMO and EU): organizing emission tests, creating official documents and communicating with authorities on behalf of the customer.
Following the development and the upcoming entry into force of new rules and regulations from IMO/IACS/class societies, reporting to the customer and providing him support in the development of products in compliance with rules.
Main customer: "Wärtsilä Italia Spa"

Name and address of employer CPI-ENG srl
via del Lavatoio, 4 – 34132 Trieste, Italy
e-mail: info@cpi-eng.it

Type of business or sector Mechanical engineering consulting

Dates April - September 2012

Occupation or position held Trainee, Engine Certification

Main activities and responsibilities	Providing support to Engine Certification team in the process to obtain class engine Type Approval Certificates and EIAPP (Engine International Air Pollution Prevention) Certificates. Studying and analyzing of current rules and regulations for the prevention of air pollution from marine diesel engines.
Name and address of employer	"Wärtsilä Italia Spa" 34018 San Dorligo della Valle, Trieste, Italy
Type of business or sector	Wärtsilä Product Management & Engineering
Dates	29 August 2011 - 14 October 2011
Occupation or position held	Internship within ABS Scholarship Program 2011
Main activities and responsibilities	Developing my master's thesis study on Ballast Water Management & Treatment Systems within Environmental Technology, Corporate Technology department.
Name and address of employer	American Bureau of Shipping, ABS 16855 Northchase Drive, 77060 Houston TX (USA)
Type of business or sector	Marine and Offshore Classification services
Dates	March 2011 – August 2011
Occupation or position held	Internship
Main activities and responsibilities	Developing my master's thesis study on Ballast Water Management & Treatment Systems within the technical office.
Name and address of employer	"Motia Shipping Company Spa" via Vespucci 1, 30174 Mestre (Venezia) (Italy)
Type of business or sector	Ship owning and ship management company
Dates	05 July 2010 - 31 August 2010
Occupation or position held	Internship
Main activities and responsibilities	Plans approval and drawings review within Ship Engineering Department
Name and address of employer	American Bureau of Shipping, ABS EUROPE LTD. No. 1 Frying Pan Alley, E1 7HR London (United Kingdom)
Type of business or sector	Marine and Offshore Classification services
Dates	August 2006
Occupation or position held	Internship within "STX Shipbuilding Co., Ltd" shipyard (Jinhae, South Korea).
Main activities and responsibilities	Ship's blocks inspections (steel preparation and welding quality) and machinery inspections (rudder, mooring winches, main switchboard) carried out together with the Motia's site manager within STX shipyard.
Name and address of employer	"Motia Shipping Company Spa" via Vespucci 1, 30174 Mestre (Venezia) (Italy)
Type of business or sector	Ship owning and ship management company
Education and training	
Dates	2008 - 2011
Title of qualification awarded	"Dottore Magistrale in Ingegneria Navale" - Master of Science in Naval Architecture & Marine Engineering
Principal subjects / occupational skills covered	Ship's structures, sea-keeping, machinery plants and piping systems, ship's propellers, propulsion systems, manoeuvrability. Thesis title: "Investigation into design issues related to the selection and installation of ballast water treatment systems"

Name and type of organisation providing education and training	Università degli Studi di Trieste Piazzale Europa 1, 34127 Trieste (Italy)																															
Level in national or international classification	"Laurea Specialistica" (LS) - Master's Degree, 110 cum laude																															
Dates	2003 - 2008																															
Title of qualification awarded	"Dottore in Ingegneria Navale" - Bachelor of Naval Architecture & Marine Engineering																															
Principal subjects / occupational skills covered	Mathematics, physics, chemistry, naval architecture, ship's stability, ship's structures, hydrodynamics and general arrangements. Thesis title: "Cargo handling operations for LNG vessels"																															
Name and type of organisation providing education and training	Università degli Studi di Trieste Piazzale Europa 1, 34127 Trieste (Italy)																															
Level in national or international classification	"Laurea" (L3) - Bachelor's degree																															
Dates	1998 - 2003																															
Title of qualification awarded	Aeronautic technician diploma																															
Name and type of organisation providing education and training	"I.T.I.S. G. Natta" (Technical High School - Aviation high school) via Leopardi 14/B, Padova (Italy)																															
Level in national or international classification	Secondary school																															
Personal skills and competences																																
Mother tongue	Italian																															
Other language																																
Self-assessment <i>European level (*)</i>																																
English	<table border="1"> <thead> <tr> <th colspan="4">Understanding</th> <th colspan="4">Speaking</th> <th colspan="2">Writing</th> </tr> <tr> <th colspan="2">Listening</th> <th colspan="2">Reading</th> <th colspan="2">Spoken interaction</th> <th colspan="2">Spoken production</th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>C1</td> <td>Proficient user</td> <td>C1</td> <td>Proficient user</td> <td>C1</td> <td>Proficient user</td> <td>C1</td> <td>Proficient user</td> <td>C1</td> <td>Proficient user</td> </tr> </tbody> </table>		Understanding				Speaking				Writing		Listening		Reading		Spoken interaction		Spoken production				C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
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	(*) Common European Framework of Reference (CEF) level																															
Social skills and competences	Good ability to adapt to multicultural environments, gained through my work experiences abroad.																															
Organisational skills and competences	Excellent ability to work with other people, in particular to organize and coordinate team projects. Proactive and willing to learn.																															
Technical skills and competences	Familiarity with the development process of international regulations related to the shipping world and good understanding of vessels certification rules. Accurate and precise way of working. Awareness to and interested in environmental issues (especially air emission prevention and ballast water management and treatment).																															
Computer skills and competences	Good knowledge of Microsoft Office packages (Word, Excel, PowerPoint), Internet Explorer and e-mail. Basic knowledge of SAP and Autocad 2D.																															
Other skills and competences	Cooking, travelling, reading.																															
Driving licence	B																															
Additional information	"American Bureau of Shipping" ABS Scholarship gained in June 2011																															