

## PERSONAL INFORMATION

## Stefano Furlan

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Sex Male | Date of birth 08/04/1981 | Nationality Italian



## RESUME

Presently working as a “**General Manager, Hybrid applications**” with more than 10 years of experience in different roles as “Classification Manager”, “Engine Certification Manger”, “General Manager Health and Safety”.

(12/2017 – Present) **General Manager Hybrid Applications, Sales**

Wartsila Italia S.p.a

- Responsible Wartsila Hybrid strategy implementation
- Responsible for Wartsila Hybrid portfolio integration

**Business or sector** Marine engineering - Sales

(01/2017 – Present) **General Manager Health Safety and Classification Compliance**

Wartsila Italia S.p.a

- Responsible for factory health and safety improvement programs
- Responsible for Wartsila Product Company engine Classification
- Responsible for implementing alternative Product lifecycle Quality Assurance schemes with Recognized Bodies and Classification Societies.
- Responsible for relations with external Classification Bodies

**Business or sector** Diesel Engines - Product and Production Quality / Product Engineering

(05/2015 – 1/2017) **General Manager Classification Compliance, Quality**

Wartsila Italia S.p.a

- Responsible for Wartsila Product Company engine Classification
- Responsible for implementing alternative Product lifecycle Quality Assurance schemes with Recognized Bodies and Classification Societies.
- Responsible for relations with external Classification Bodies

**Business or sector** Diesel Engines - Product and Production Quality / Product Engineering

(01/2014 – 05/2015) **Product Quality and Classification Manager**

Wartsila Italia S.p.a

## WORK EXPERIENCE

- Responsible for Wartsila 4s Product Quality and Classification activities:
  - Internal and before handing over Non-Conformity quality cost reporting to engine division board.
  - Warranty cost Non-conformity costs from complaints management and reporting.
  - Engine Type Approval process (design approval and testing)
  - Directives: Machinery Directive, ATEX, Pressure Equipment Directive.
  - Classification Societies Steel Vessel Rules (including IACS Unified Requirements and Interpretation). Naval Classification Rules study, interpretation and technical reporting
  - EIAPP certification process (technical documentation approval and testing acc. IMO Marpol Annex VI and NOx Technical Code.
  - Application of upcoming IMO Tier III approval process for Dual Fuel Engines and Diesel Engines + SCR system.
  - General principles for Safety- Risk assessment and risk reduction (EN ISO 12100:2010)
  - Reciprocating internal combustion engine driven alternating current generating sets ( ISO 8528-2)
  - Responsible for relations with external Classification Bodies
  - Engine Certification process for Power Plant engines according to Machine Directive (2006/42/CE)
  - Environmental Protection Agency certification process acc. to CFR 1042 and 1065
  - Inland Waterways Certification acc. to CCNR2 and 2006/87/EC.
  - Special Marine Type Approval cases: Ethane and Propane concept approvals.
  - Cooperation in the drafting of the IGF / IGC code through the Finnish Transport Safety Agency and International Maritime Organization.
  - Responsible for budgeting, timing and reporting resource performance target, planning and invoicing management.

**Business or sector** Diesel Engines - Product Management and Engineering / Product Quality

(09/2012 – 12/2013)

#### 4stroke Global Engine Certification Manager

(Located in Vaasa – Finland)

- Responsible for Wartsila 4s engine certification activities:
  - Engine Type Approval process (design approval and testing)
  - EIAPP certification process (technical documentation approval and testing acc to IMO Marpol Annex VI and NOx Technical Code)
  - Responsible for relation with Classification Societies for special cases / projects / SIL
  - Naval Classification Rules study, interpretation and technical reporting
  - Engine Certification process for Power Plant engines according to Machine Directive (2006/42/CE)
  - Environmental Protection Agency certification process acc. to CFR 1042
  - Inland Waterways Certification acc. to CCNR2 and 2006/87/EC
  - Nuclear standards for emergency diesel generating set studying and technical reporting
  - Cooperation in the drafting of the IGF / IGC code through the Finnish Transport Safety Agency
  - Responsible for budget, timing and reporting resource performance target, planning and invoicing management.

**Business or sector** Diesel Engines - Product Management and Engineering

## WORK EXPERIENCE

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(08/2010 – 09/2012)

#### Engine Certification Manager

Wartsila Italia S.p.a

- Responsible for Delivery Centre Trieste engine certification activities:
  - Engine Type Approval process (design approval and testing)
  - EIAPP certification process (technical documentation approval and testing acc to IMO Marpol Annex VI and NOx Technical Code)
  - Naval Classification Rules study, interpretation and technical reporting

Business or sector Diesel Engines - Product Engineering

(01/2008 – 08/2010) **Certification Engineer**

Wartsila Italia S.p.a

- Emission certification testing, technical documentation preparation and approval
  - EIAPP certification process (technical documentation approval and testing acc to IMO Marpol Annex VI and NOx Technical Code)

Business or sector Diesel Engines - Product Engineering

EDUCATION AND TRAINING

(01/2016) **ISO 9001:2015**

Certiquality

- Internal auditor licence

(2008 – 2015) **Courses**

- › Effective presentation
- › Project management fundamentals
- › Problem Solving & Decision Making
- › Successful negotiation
- › Essential of Leadership
- › Leadership

(10/2007) **Qualified engineer license**

Università degli Studi di Trieste

- State exam for the enabling of the profession of Engineer

(09/2000 – 09/2007) **Master Degree in Mechanical Engineering (MSc)**

101/110

Università degli Studi di Trieste, "Energetic Department"

"Master Degree thesis: "Analysis and simulation of a paper mill drying process c/o *Cartiera di Monfalcone SpA*" (Sofidel Group) and cost evaluation.

- Gas dynamic, power plants, aerospace propulsion, vibration analysis, fluid dynamics.

PERSONAL SKILLS

Mother tongue Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Swedish	A1	A2	A1	A2	A2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

**Organisational / managerial skills**

- Energetic, motivated, forward thinking
- Structured, organized
- High cultural sensitivity, tolerant
- Tendency to turn obstacles into opportunities
- Keen to play an outstanding role in driving changes
- Proven leadership and team working skills, with local and international teams

**Communication skills**

- Good negotiation and communication skills acquired in different leadership positions.

**Job-related skills**

- Able to cooperate with other business units for the Company target. Comfortable as well with individual assignments.
- Interested in alternative marine fuel systems and flexibility (e.g. LNG bunkering and chain) and possible challenges overcoming

**General / Other skills**

- Fascinated by Classic culture, lyric music and art.

**Computer skills**

- OS: Windows, Mac OS
- Software Windows: Microsoft Office package
- Management program: SAP
- Activity planning software: Microsoft Project
- Model and CAD system: TeamCentre, SolidWorks, Thinkdesign
- Fluidodynamic Software: Ansys CFX 10.0
- Chemical simulation software: Aspen 12.1

**Driving licence**

Driving licence category B

**Sport**

Ski, Golf, Diving, Running, Soccer, Volleyball

**ADDITIONAL INFORMATION****Memberships**

Secretary of CIMAC working group "Classification" (WG2)

Resident Member of Lloyds Register Italian Technical Committee

Invited to IMO as consultant to the Italian Flag State, represented in London by the Italian Embassy and Italian Coast Guard (VI division safety).

**Projects**

"IMO NOx Tier III" and "US-EPA program" SteCo member.