

**Mr. PITRUZZO ROSARIO**  
(Principal Naval Architect and Marine Engineer)

Date of Birth: 27<sup>th</sup> June 1984

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**PERSONAL STATEMENT**

I serve as a Manager of Machinery Department in RINA Italy Plan Approval Center. I am a Principal Naval Architect and Marine Engineer managing a team of 8 colleagues.

Main activities, other than indicated above, are the activities of Design Project Manager for newbuilding project and Technical Support Engineer for newbuilding and ships in service. My expertise consists in the evaluation and preparation of commercial proposals, control of the project costs and solving technical issues. I deal with machinery, environmental aspects, and energy efficiency with particular attention to decarbonization matters. The independent management of the activities has given me the opportunity to develop, optimally, customer relations and problem-solving skills. I consider myself a dynamic person, always looking for new challenges to enhance my professional and human growth.

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**SKILL PROFILE**

I have an enthusiastic attitude towards work. I can work on my own initiative, and with excellent organizational abilities in teamwork and problem-solving skills. I am a person who focuses on achieving both corporate and personal goals, accustomed to working under pressure, dealing with assignments in the requested time.

My professional skills include:

- Management of new-building projects.
- Organize department activities, prepare commercial offers for clients, manage the workloads of the team, resolve conflicts and technical problems.
- Very good relations with clients, shipowners, ship management companies and Shipyard, especially for EMEA Region,
- Expert in piping and machinery systems of passenger, cargo, and navy ships.
- Expert in alternative fuel systems (LNG, Fuel Cell, Ammonia).
- Expert in ship design, ship powering and ship efficiency management.
- Expert in verification and certification of ship energy efficiency (EEDI, EEXI, CII and GHG emissions).
- Class matters with reference to IMO rules (SOLAS, MARPOL, IGC Code, IBC Code, IGF Code, etc.).
- Type approval Certification of machinery components (Ballast and Sewage treatment systems, Main Engine Dual Fuel (LNG)).
- Review of tank test and sea trials.
- Classification and Management of ships.
- Safe Return to Port.
- Qualified as an Auditor for verification of UE-MRV Plan (monitoring and verifying of CO2 emission).
- Qualified for on board inspection, testing activities and auditing for machinery components.

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**EMPLOYMENTS**

**September 2022 – Ongoing**  
**Manager of Italy Machinery and Piping System Plan Approval**  
**Member of the Technical Advisor Service (OPA)**

**Job Position and Key Activities:**

Technical management of several matters, including efficiency, environmental, decarbonization, piping, machinery, and engine. Resolution of critical aspects and problems regarding clients' request. Organization of department activities, commercial quotations preparation, assignment of activities to technician, resolve conflicts and technical problems. I lead a seven-person team. In this period, I also have been involved in the training activity for new colleagues that recently joined the team.

**April 2019 – September 2022**  
**Project Section Coordinator (Piping and Machinery System Department)**  
**Design Project Manager for New Building Projects**  
**Department: Italy Passenger Ship Plan Approval – Trieste**

**Job Position and Key Activities:**

Project Section Coordinator (Piping and Machinery System Department), for the RINA New Buildings Passenger Ships Plan Approval in Trieste.

Design Project Manager of new building projects for Silversea Cruises. Management of client relations. Main reference and point of contact for client regarding technical issues. Internal management of plan approval issues, workload, hours, and budget review.

Coordination of plan approval activity for the launch of new plan approval office dedicated to passenger ships new buildings (definition of new organizational model and improvement of plan approval processes).  
Consultant activity focused on the LNG projects, commissioned by Fincantieri to the support of LNG system arrangements in DNV and LR class vessels.

**June 2014 – May 2019**

**Plan Approval & Technical Support Engineer at RINA Services**

**Member of the Technical Advisor Service (OPA) as a reference to the Machinery Section**

**Department: Italy Plan Approval & Technical Support Center - Machinery Section - Head Office, Italy**

#### **Job Position and Key Activities:**

Drawing approval of ships classified by RINA. Experience with different types of ships (passenger, general cargo, dry, gas, oil & chemical, HSC, ro-ro, and navy ships). Review and approval of documents for issuance of Type Approval for Ballast Treatment System and Sewage Treatment System. Main topics of work activity are the environmental protection (MARPOL), the energy efficiency (EEDI), the Safe Return to Port (SRtP) and the CO2 monitoring plan (MRV). Project coordinator and point of contact with customers. On-board inspections and sea trials experience.

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#### **EDUCATION**

##### **Accademia Executive**

**(February 2018 – July 2018) Master in Project Management**

International standard methodology of project management as defined in Project Management Body of Knowledge. Use of Microsoft Project. Communication, problem solving, decision-making and leadership lessons.

##### **University of Genova**

**(19<sup>th</sup> September 2014) Master's Degree in Naval Architecture & Marine Engineering**

Thesis: Preliminary design of oil/chemical tanker (14700 DWT).

Among the various subjects of study, I attended the courses of Naval Architecture, Naval Propulsion, Naval Construction, Stability, Design of Merchant Ship, Complements of Naval Architecture, Marine Engines, Design of Naval Ships and Reliability and Security of Naval Plants.

##### **University of Messina**

**Bachelor's Degree in Naval Architecture & Marine Engineering**

Thesis: Calculation of the longitudinal strength of sailing boat, named Scilla.

Relevant activity: Main structural designer for the university competition "Mille e una vela" for the year 2009 (Italian University competition consisting in design and construction of a sailing ship, used to participate in a regatta)

##### **Collegio S. Ignazio "Jesuit school"**

**High school leaving qualification in science studies**

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#### **LICENSES, COURSE AND CERTIFICATIONS**

- License to practice profession of Engineer (Italian Society of Engineers, Feb.2016).
- Soft skills course (Communication, problem solving, negotiation, conflict resolution).
- High-potential profile, for managerial and leadership contexts (CEB SHL Talent Measurement).
- Main speaker at the Safe Return to Port seminar held for MSC Cruises UK.
- Lean Six Sigma Yellow Belt
- Knowledge of Italian, Native proficiency.
- Knowledge of English, Professional working proficiency.

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#### **PUBLICATIONS**

- "Use of biofuels for reducing OPEX and air emissions in the maritime sector"

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#### **REFERENCES**

References available upon request.

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