

Job Description



Position Title	Department	Location	Reports To
Marine Engineer	Machinery/Piping	Trieste, Italy	Discipline Leader

1. Company Activities

Meccano Engineering offers multidisciplinary design and high-level consultancy for a variety of Clients spanning from Shipyards, Ship or Yacht Owners to Oil&Gas Contractors. The technical department is organised with all the main disciplines in-house (Structures, Naval Architecture, Safety, Outfitting, Electrical, Machinery&Piping, Ventilation&HVAC, Exterior Design), each one with a dedicated team coordinated by a Discipline Leader.

Typical project activities include multidisciplinary design and project management from basic phase up to detailed structural and piping engineering. Often, we are requested to carry out the design from the feasibility and concept phase, where an even higher level of confidence and know how is put into play by our experts.

All Company's senior engineering staff and project managers are committed to work along side our Clients as technical experts with a high flexibility and open mind, looking always to think out of the box to provide the best solutions.

2. General Description

The fields of activity are primarily ships and mega yachts, although exposure to other business units (Oil&Gas and Defence) might be required. As well as performing direct design, the resource might be acting as marine project engineer on several different projects potentially running in parallel. Self-organisation and ability to prioritise own and others' workload are therefore essential skills.

3. Primary Duties

- Develop drawings and calculations as assigned by the Project Manager or the Discipline Lead, with little supervision required (examples are P&IDs, Ventilation & Extraction Plans, Machinery Plans, etc...)
- Carry out consultancy activities when required
- Client interface and management for the discipline activities/project documentation
- Interface with Classification Societies and other Administrations when required

4. Decision Making Authority

- Decisions limited to those relevant to marine Engineering within project framework

5. Supervisory Responsibility

- No

6. Work Contacts

Other Project Engineers	Frequent
Other Discipline Engineers	Frequent
Department Discipline Leader	Frequent
Technical Manager	When Required
Clients	Frequent
Project Managers	Frequent
Vendor Representatives	When Required

7. Physical Effort and Work Environment

- Business trips to clients' premises and/or shipyards both in Italy and overseas on a "as-required" basis

8. Competencies/Knowledge, Skills and Abilities

Technical competencies

- Able to design ship marine systems according the applicable rules and client specification
- Proficient with the use of CAD systems (primarily microstation) and 3D modelling

Behavioural Competencies

- Good communication and presentation skills
- Team player
- Can-do attitude

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- Willing to learn
- Attention to details

9. Minimum Requirement

- Minimum 2/4 years of experience in a similar role
- Must be familiar with relevant International Regulations and design codes
- Proficient with the use of CAD systems
- Good command of the English language