

## **Mechanical Engineer/ HVAC Specialist – TCG Engineering**

**Role:** Execute independently all engineering activities (EPCM services – Engineering, Procurement and Construction Management) related to HVAC and black utilities systems.

### **Main Responsibilities:**

- Perform all activities and draft all technical documentation for HVAC and black utilities systems projects;
- Preparation of P&IDs and black utilities system layouts;
- Calculation and dimensioning for ducts and piping networks;
- Bill of quantities and estimated material take off
- Technical reports and requests for quotes from external suppliers;
- Technical and economical evaluation and alignment of suppliers bids;
- Site inspections and field surveys.
- Coordination of other HVAC and black utilities specialists and drafters and / or external suppliers

### **Requirements:**

- Degree in Mechanical Engineering or other Engineering background;
- Years of experience in technical design offices or engineering companies;
- Experience in industrial and pharmaceutical field and / or in other sectors;
- Valid driver's license (Category B).
- Candidates should preferably hold an Engineering Warrant or be actively working towards obtaining it.

### **Knowledge:**

- Technical knowledge of HVAC systems;
- Specific technical knowledge in hot water, chilled water, steam and condensate, compressed air, drainage system and other industrial and civil black utilities;
- General or specific know how In fire suppression systems is appreciated;
- Design and EPCM activities;
- General knowledge of HVAC and black utilities construction technologies;

- GEP (Good Engineering Practices);
- General knowledge of current Malta regulations and rules in HVAC and black utilities systems;
- Microsoft Office and Autodesk AutoCAD
- Autodesk REVIT knowledge is appreciated;

**Skills:**

- Capacity to work independently;
- Ability to manage teams and projects;
- Interpersonal skills with clients and other company technical functions;
- Problem-solving skills.

**Languages:**

- Fluent English (C1/C2);
- Fluent Italian is appreciated;
- Other languages are a plus.