

 BEDESCHI	JOB PROFILE PROJECT ENGINEER SENIOR	DOCUMENTO: RISORSE UMANE DATA: 28/02/2025 VERSIONE: DRAFT
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JOB DESCRIPTION:

- **Professional Area:** Engineering;
- **Position:** Project Engineer – Senior;
- **Reporting Line:** Reports to the Engineering Manager;
- **Functional Relationships:** Works closely with Project Managers, Site Supervisors, and Buyers in carrying out responsibilities related to the role.

KEY RESPONSABILITIES:

Oversees all aspects of machinery and plant design, ensuring compliance with technical specifications agreed upon with clients while meeting time, cost, and quality objectives.

MAIN DUTIES AND TASKS:

- Collect all relevant documentation for project development, including contracts and technical specifications.
- Plan and manage detailed execution of engineering activities, estimating required work hours and resources.
- Manage client relationships concerning all technical matters related to machinery and plant projects.
- Develop assembly drawings in accordance with the technical specifications agreed upon with the client.
- Ensure that design activities are completed within the contractual deadlines.
- Perform and verify structural calculations.
- Coordinate and oversee the activities of team members involved in the project, ensuring progress monitoring.
- Monitor the efficiency of activities by analyzing actual hours worked (provided by the project controller) against planned hours.
- Manage the release of drawings and components, coordinating coding and bill of materials entry to activate the company's MRP system.
- Identify the critical components of machinery and plants, defining the necessary technical specifications to support the purchasing department's scouting activities.
- Prepare technical specifications for the procurement of materials and components.
- Evaluate the technical suitability of material and component suppliers.
- Promptly report any critical issues that may impact activities, timelines, or costs to the Project Manager.
- Manage design modifications, considering timing and project impact.
- Periodically compile reports on the time and weight of designed machinery.
- Coordinate and verify design activities performed by external engineering firms.
- Analyze deviations in time, weight, and cost.
- Prepare documentation containing necessary information for transportation and installation activities.
- Define assembly sequences for manuals, highlighting critical procedures.

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- Provide follow-up and support during installation and commissioning activities.
- Upon project completion, collaborate with the Project Manager in reviewing the project to identify potential continuous improvement initiatives.
- Support the Project Manager with all technical information necessary for client claims.

EXPERIENCE AND PROFESSIONAL SKILLS

- **Technical Skills:** Minimum of 3 years of experience in designing machinery and industrial plants;
- **Software Skills:** Advanced knowledge of AutoCAD, Inventor, Strauss, SAP 2000, and Microsoft Office Suite;
- **Language Skills:** English language proficiency at B2 level;
- **Education and Training:** Bachelor's or Master's degree in Mechanical Engineering.

KEY COMPETENCIES AND BEHAVIORAL SKILLS

- Results-oriented mindset;
- Strong organizational skills;
- Problem-solving abilities;
- Teamwork capabilities;
- Strong interpersonal skills;
- Attention to detail and precision;
- Ability to monitor and control activities;
- Negotiation skills;
- Customer-oriented approach;
- Leadership.