

 BEDESCHI	JOB PROFILE ELECTRICAL PROJECT ENGINEER	DOCUMENTO: RISORSE UMANE DATA: 10/07/2026 VERSIONE: DRAFT
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JOB DESCRIPTION:

- **Professional Area:** Engineering;
- **Position:** Electrical Project Engineer;
- **Reporting Line:** the position reports to the Engineering Manager;
- **Functional Relationships:** in carrying out activities relating to their areas of responsibility, they liaise with Project Managers, Site Supervisors and Buyers.

POSITION OBJECTIVES:

The holder is responsible for all aspects of the design of custom-built machinery and plant, in accordance with the technical specifications agreed with clients and in line with time, cost and quality objectives.

MAIN DUTIES AND RESPONSIBILITIES

- Gather all information necessary for the design process, such as: the contract and the project's technical specifications;
- Establish the basic engineering documentation (single-line diagrams, network diagrams, device lists and consumer lists) in accordance with the technical specifications agreed with the client;
- Prepare technical purchasing specifications for materials and components;
- Manage the issuance of bills of materials, coordinating the coding and system entry activities to trigger the company's MRP process;
- Technical evaluation of suppliers and follow-up;
- Identifying the list of critical components for project-specific machinery and plant, defining the technical specifications required for the procurement department's sourcing activities;
- Coordination and verification of design work carried out by external firms;
- Promptly report to the Project Manager any critical issues that affect activities and, consequently, timescales and costs;
- Periodically prepare reports on the timescales and costs of the project;
- Draw up assembly sequences for the manuals, highlighting critical procedures;
- Monitor and support assembly and commissioning activities;
- Upon completion of testing activities, collaborate with the Project Manager on the technical review of the project to identify potential opportunities for continuous improvement;

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PROFESSIONAL EXPERIENCE AND SKILLS

- **Technical Expertise:** at least 3 years' experience in the design of electrical systems for complex infrastructure.
- **Software Skills:**
 - AutoCAD / EPLAN Pre-Planning for basic electrical system and automation engineering;
 - Use of software such as Caneco BT or similar programmes such as Ampere;
 - Knowledge of PLC and/or drive programming.
- **Language Skills:** English at B2 level;
- **Education and Training:** holds a diploma or degree in Electrical Engineering.

PERSONAL SKILLS AND ATTITUDES

- Responsibility;
- Reliability and credibility;
- Flexibility and proactivity;
- Results-oriented;
- Customer-focused;
- Continuous improvement and innovation;
- Teamwork and collaborative working.