

?????????Skills required: o Master maintenance practices and continuous improvement techniques, o Knowledge of SolidWorks software preferred, o Sense of initiative, o Team spirit, o People skills. Course: Engineering professions Chapter 1 9 Example 2 – Electrical design engineer Job title: Mechanical engineer Company: Lift Systems Business sector: Distribution and trading of production equipment Workplace: Algiers Type of contract: Fixed-term contract or Assignment Main tasks : o Assists and advises management on decisions relating to diagnostics, equipment appraisals and repair methods, o Ensures preventive maintenance of production equipment, o Adjusts mechanical assemblies and sub-assemblies, o Visits the equipment in its area on a daily basis and rectifies any anomalies, o He intervenes to troubleshoot production equipment, at the request of his superiors, o Propose any modifications or improvements to good maintenance practices for production equipment, o Ensures tool preservation, o Reports daily on work performed, o Completes intervention reports and briefly analyzes activities. Example 1 – Electrical design engineer Job title: Electrical design engineer Company: Softal – Construction Field: fast-growing industrial engineering company Workplace: Algiers Job duties: o Draw up specifications, o Prepare list of engineering study deliverables with CEE, o Participate in adjusting the delivery schedule for studies relating to its specialty, o Check technical documents provided by the customer (studies, technical specifications, etc.), o Draw up electrical engineering studies (heavy current), o Dimension electrical equipment (technical specifications), o Dimension and calculate electrical networks, o Define electrical equipment and accessories, o Define schematic diagrams (general distribution and electrical cabinets), o Draw up detailed execution plans for electrical networks. Here are some of the keyword categories you can use to refine your search: o Field or industry: While this doesn't limit the results too much, start by defining the field or industry you'd like to work in, e.g. "telecommunications engineering". Once you see the results, you can add more keywords to ensure more relevant results, and a slimmer list of jobs to browse. o Location: It's up to you to decide how specific you'd like to be. You can put in a city, or even a zip code. You can search by location using advanced search options, available on most job sites. o Desired job title: You can try putting in your desired title, but keep in mind that not all companies use the same titles. One company may call the job "project coordinator". A job description is a communication tool that provides a description of the various characteristics of a job and its environment: o Job title, o Company name, o Position in the organization chart, o Working environment and conditions (workplace, work pace, etc.) o Access to the position and conditions of employment (e.g. salary, type of contract, location, working hours, etc.), o Description of tasks and activities (frequency and importance), o Training and experience required, o Skills required (knowledge, know-how, interpersonal skills), o The challenges of the job, o Relations with other positions, o Compensation. Develop engineering studies : o Draw up project supply lists, o Define technical specifications for project supplies, o Attend project negotiation meetings with the customer, o Attend project coordination meetings, o Carry out site visits to assist the project manager, o Take charge of modifications and additions to electrical engineering studies requested by the customer, o Prepare the technical documentation for the Electrical package required for project execution. A science: a coherent body of knowledge relating to certain categories of facts, objects or phenomena obeying laws and/or verified by experimental methods. Know-how" is subdivided into three different levels: conceptual,

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