

JOB POSTING REQUEST FORM

Job Details

Reference #	CP-63-2022
Company Name	Technica International SAL
Industry	Innovative automation solutions provider
Vacancy	Machine Safety Engineer
Job Type (<i>FT, PT, Contractual, Seasonal</i>)*	Full time job
Major	Mechanical Engineering
Years of Experience	Minimum 4 years degree-level experience in industrial engineering
Education	Bachelor or Master degree in Mechanical Engineering
Location	Bikfaya, Industrial zone
Remuneration & Benefits	Basic salary: based on qualifications, ranges between 2,000 – 2,500\$ (fresh) Transportation, Overtime, Bonus, Profit sharing, Award for innovation, initiative and cost saving, NSSF, Medical insurance Life and personal accident insurance, Annual leaves, sick leaves, wedding leave, paternity leave/maternity leave, death leave.
Tasks & Responsibilities	<ul style="list-style-type: none"> ▪ Hands on experience working with industrial robotics and machinery ▪ Experience with risk assessments and taking machinery through the relevant certification process (ex: CE) ▪ Familiarity with the legislation and machine safety standards ▪ Familiarity with the integration of a range of machine safety technology (ex: switch interlocks, AOPD, safety relays) ▪ Knowledge of functional safety principles (ex: ISO 13849) <p><u>Providing machines complying with design safety standards:</u></p> <ul style="list-style-type: none"> ▪ Safety validation for the solution prepared whenever needed. ▪ Assist in the identification of the applicable harmonized safety standards for every equipment. ▪ Support the Engineering department in the risk

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assessment preparation before the design phase and follow up on the execution during design.

- Perform audits in the testing phase to assess the machinery's compliance with legal and normative requirements.
- Prepare audit documentation and follow up on the audit action plan.
- Review with the safety section in the user manual.
- Support the Project Manager in the preparation of all documentation related to the design safety compliance.
- Review partners' machines and documentation to ensure compliance with legal and normative requirements.
- Prepare the declaration of conformity / compliance certificate.

Machinery safety process implementation:

- Develop work processes and specifications related to machinery safety such as Design/Engineering of Machinery Safeguards and Functional Safety Systems, Maintenance and Inspection programs, Testing and Auditing (including design verification and validation), Machinery and Safety Documentation, Standards Compliance, Machinery Safety Lifecycle for Project Execution.
- Management of the Machinery safety Documentation library.

Team knowledge development and awareness on machinery safety:

- Deliver trainings on machinery safety standards for the team.
- Provide coaching and support for the team during all the project stages.
- Lead the Machinery safety project and culture change of the team in the company

Technical knowledge:

- English Proficiency.
- CE and harmonized safety standards
- ANSI and UL safety standards

Skills, qualities & attitudes needed:

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Prioritizing: Set priorities of the projects in relation to the department's plan, in order to achieve them within the agreed upon deadline.

Analytical skills & Problem solving: Analyze all issues by asking comprehensive questions, checking all the perspectives and by gathering useful data in order to find appropriate solution for problems and set an action to achieve it.

Decision making: Apply a solid decision-making process following a decision-making tree that explores available possibilities to take the appropriate decisions based on impact and risk of each.

Interpersonal skills: Interact positively and openly with other team members by listening, questioning and understanding the body language.

Proactivity: Taking initiative in launching or executing any activity in order to anticipate probable consequences

Stress Management: Cope with the physical and emotional influence to control his/her behavior in order to achieve the needed task/objective.