

Luxembourg Jobs Expertini®

Senior Ergonomist, EU, Workplace Health & Safety - Human Factors & Ergonomics

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Company: Amazon Europe Core Sarl - D40

Location: Sandweiler

Category: architecture-and-engineering

Are you a passionate leader with the desire to disrupt current health and safety practices and driven to reduce the risks associated with musculoskeletal disorders (MSDs) through a practical, business focused approach? We are expanding our team and looking for talented Senior Ergonomists to support our Europe, North America, and Rest of World businesses. In this role, you will provide technical ergonomics expertise by applying scientific techniques, standardized assessments, and problem-solving skills to drive innovative solutions that reduce MSD risk factors and optimize performance. You will work collaboratively with partners in Workplace Health and Safety (WHS), Operations, and Engineering to develop interventions that are fit for purpose and effective. This includes working closely with other ergonomists who work in the field and who are integrated with our industrial design and engineering teams. You must be innovative, willing to think outside of the traditional paradigm, and excel at devising practical solutions to prevent MSDs. You will need to be able to travel (at least 40% of time).

Key job responsibilities

The ideal candidate shall:

- Use a variety of ergonomic tools and methods to assess and quantify risk both pre and post intervention
- Use data analysis and assessment to provide design driven, practical recommendations and actions
- Initiate, formulate, and develop multi-disciplinary/multi-stakeholder projects that reduce

musculoskeletal disorder risk factors and enhance human performance

- Execute a systems approach that considers the broader context of the human in the environment
- Research and collect background and historical multi-source information specific to topical areas using both internal data sources as well as with being actively aware of external trends
- Use data to facilitate and drive business decisions.
- Identify key trends through deep dive analysis and establish testable project hypotheses
- Develop or implement research, investigation, or analysis protocols.
- Work across multiple teams such as operations, technology designers and engineers to analyze and evaluate data, conduct evaluations, and generate concepts, design specifications, and usability goals
- Document analyses, recommendations, and results in white papers
- Stay current on trends in technology, industry, and legislation that could necessitate adjustments or provide improvement to our ergonomic programs, and initiatives.

We are open to hiring candidates to work out of one of the following locations:

Luxembourg, LUX

BASIC QUALIFICATIONS

- Bachelor's degree in ergonomics, industrial engineering, biomedical engineering, or a related field with an emphasis on physical ergonomics/occupational biomechanics
- Proven experience in industrial settings as a physical human factors/ergonomics engineer.
- Demonstrated ability to apply biomechanical, psychophysical, and metabolic analysis methods in an industrial setting. Knowledge and experience of interpreting information from tools such as: the Assessment of Repetitive Tasks (ART) tool, biomechanical data (peak and cumulative compressive forces, shear force, moments), the Key Indicator Method for Manual Handling Operations (KIM-MHO), the Liberty Mutual Equations, metabolic energy expenditure equations, the National Institute for Occupational Safety and Health (NIOSH) Lifting Equation and its derivatives, the Occupational Repetitive Action (OCRA) method, and the Recommended Cumulative Recovery Allowance (RCRA) method.
- Analytical and statistical background that includes quantitative and qualitative data analysis
- Excellent critical thinking and problem-solving skills
- Excellent written and verbal communication skills.

- Ability to manage multiple simultaneous projects and tasks while meeting and exceeding deadlines.

PREFERRED QUALIFICATIONS

- Master's degree in ergonomics, industrial engineering, biomedical engineering, or a related field with an emphasis on physical ergonomics/occupational biomechanics
- Knowledge and skill using digital human modelling applications
- Knowledge and skill with CAD applications is advantageous
- Knowledge and skill applying predetermined motion time systems including but not limited to: MTM, MOST, MODAPTS or equivalent
- Ergonomic Certification (AEP, CPE, Chartered Ergonomist and Human Factors Specialist or equivalent), or ability to become certified required.
- Experience implementing lean principles and process improvement in an operational environment

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