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Operational Excellence Engineer

Who We Are

Crossover Solutions is a global manufacturing consulting firm that specializes in providing manufacturing and management consulting services to various industries worldwide. With operations in the United States, Canada, Mexico, Germany, Thailand, and Saudi Arabia, we deliver innovative solutions to drive growth and optimize performance. Our team combines industry knowledge with strategic thinking to empower organizations to thrive in today's competitive landscape.

How We Do It

Our approach is custom-tailored. Whether our client's needs are in performance decline/crisis or strategically planning for future programs, our proven methodologies tactically deal with what is necessary for an efficient and effective way forward. We look to deal with first things first and define exit criteria/strategies right up front. Our proven approach - Stabilize. Analyze. Reposition. Strengthen. Sustain – guides this process.

Position Summary

- Your project assignments are aligned to the project goals and timelines the Crossover Project Management Office (PMO) team assigns. The role is based within the PMO team in our Livonia, Michigan office.
- You will engage directly with clients to quickly assess critical issues and drive performance wherever necessary. We are experts at evaluating, understanding, and solving problems from the "top-down and bottom-up"—from Management to Operations to Supply Chain.
- Opportunity to collaborate with industry experts and contribute to the growth of a rapidly expanding firm, with ample advancement opportunities both within the firm and across geographies.
- Crossover Solutions provides a comprehensive compensation package that includes base pay, 401(k), and annual profit sharing. In addition, our outstanding benefits package, which includes top-tier health insurance, rounds out a very competitive offering to our team.

What You'll Do

As an Operations Specialist, your analytical, interpersonal, creative thinking, problem-solving, and leadership skills will be actively engaged from the outset. You will collaborate closely with industry experts to tackle a diverse range of responsibilities. While each day presents unique challenges, you can anticipate accomplishing a variety of tasks, including:

- Collaborate with the manufacturing leadership team to develop and implement strategies to streamline manufacturing processes, reduce waste, and increase overall efficiency.
- Use mathematical representations of processes to manage production, determine production cost model calculations to optimize facilities, production, and service locations while reducing inefficiencies. Evaluate existing designs to identify potential manufacturing shortcomings.
- Identify and eliminate bottlenecks, and non-value-added activities within the manufacturing value streams by employing Lean Manufacturing tools.

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Crossover Solutions USA Inc.

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- Develop and implement standardized work procedures to ensure consistency and repeatability in manufacturing operations.
- Utilize data analysis tools to extract actionable insights and drive data-driven decision-making.
- Collaborate with cross-functional teams, including production, quality, engineering, and supply chain, to ensure alignment and integration of operational excellence goals with overall business objectives.
- Prepare and present comprehensive reports to stakeholders, highlighting key findings, achievements, and areas for continued improvement.
- Facilitate problem-solving sessions to promote continuous improvement across the manufacturing team.

Must-Haves

- Must be a citizen of the United States.
- Strong verbal, written, and presentation skills.
- Bachelor's degree from a recognized educational institution.
- Ability to travel up to 80% within North America.
- Proficiency with MS Office.
- Exceptional analytical, critical thinking, and problem-solving skills.
- Ability to determine how operations, environments, and systems interact.
- Adaptability and agility in navigating uncertain and ambiguous environments.
- A knack for deconstructing and resolving issues through quantitative and qualitative reasoning and analysis.
- Ability to perform in high-pressure environments.

Nice to-Haves

- B.S or M.S in Industrial Engineering, Supply Chain Management, or Mechanical Engineering.
- Strong understanding of Lean Manufacturing principles.
- Advanced knowledge of systems, tools, and solutions for productivity.
- Ability to read and interpret technical drawings.
- Strong mechanical aptitude.
- Experience with AutoCAD and advanced Excel, including VBA and Power BI.
- Familiarity with Quality Systems.
- Prior work experience in a manufacturing environment (1-2 years), providing hands-on knowledge of industry practices and challenges.

** Crossover Solutions is an equal opportunity employer. All qualified applicants receive consideration for employment without regard to race, color, religion, gender, gender identity or expression, sexual orientation, national origin, genetics, disability, age, or veteran status.*

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