

## Senior Utility Engineer ( facilities )

### 工作职责

The Senior Utility Engineer is the technical lead for the design, engineering, and optimization of industrial utility systems in Mexico and the America region. This role drives complex engineering deliverables, leads design reviews, guides junior engineers, and provides expert technical consultation across projects and operations. The Senior Engineer ensures systems are engineered for reliability, maintainability, safety, and compliance with Mexican and international standards.

### Key Responsibilities

- Lead conceptual, basic, and detailed engineering for complex utility systems including steam/condensate, boilers, chilled water, cooling water, HVAC utilities, compressed air, water treatment, wastewater, fuel gas, nitrogen, and fire protection.
- Develop and approve engineering deliverables: P&IDs, 3D model reviews, line lists, utility load summaries, risk assessments, and equipment sizing calculations.
- Conduct advanced engineering studies: system capacity modeling, redundancy strategies, energy balance optimization, and risk-based design evaluations.
- Define technical criteria for complex modifications, expansions, or greenfield utility systems.
- Act as technical authority during design reviews, vendor meetings, and construction support.
- Mentor junior engineers and review contractor engineering packages.
- Author and approve technical specifications and performance requirements.
- Lead technical bid evaluations, vendor audits, FAT/SAT, and commissioning activities.
- Ensure compliance with NOM, ASME, NFPA, API, ISA, and corporate standards.

### 职位要求

- Bachelor's degree in Mechanical, Chemical, Industrial, or related Engineering.
- Several years experience in utility engineering and industrial facility design.



职位号码

**REF95831S**

工作职能

工程

所在地

**San Luis Potosi**

领导力级别

个人贡献者

工作场所灵活度

现场办公

招聘专员

**Sergio Gonzalez**

法律实体名称

**ContiTech Mexicana, S. de R.L.  
de C.V.**

- Strong experience with utility calculations, specification development, vendor evaluation, commissioning, and troubleshooting.
- Proven leadership in cross-functional project teams.
- Experience leading medium to large CAPEX utility projects.
- Intermediate-advanced English proficiency.

## 我们可以提供

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Guided by the vision of being the customer's first choice for material-driven solutions, the ContiTech group sector focuses on development competence and material expertise for products and systems made of rubber, plastics, metal, and fabrics. These can also be equipped with electronic components in order to optimize them functionally for individual services. ContiTech's industrial growth areas are primarily in the areas of energy, agriculture, construction, and surfaces. In addition, ContiTech serves the automotive and transportation industries as well as rail transport.