

Boeing -Equipment Engineering Technical Designer

At Boeing, we innovate and collaborate to make the world a better place. From the seabed to outer space, you can contribute to work that matters with a company where diversity, equity and inclusion are shared values. We're committed to fostering an environment for every teammate that's welcoming, respectful and inclusive, with great opportunity for professional growth. Find your future with us.

Boeing Canada Winnipeg is seeking **Mid-Career Equipment Engineering Technical Designer**, reporting to the Equipment Engineering Manager, working out of the **Winnipeg, MB** office. The **Mid-Career Equipment Engineering Technical Designer** will lead project teams to develop equipment specifications, conceptual and final designs, cost estimates and provides maintenance support for the procurement or modification of equipment systems (e.g., NDI, ovens, autoclaves, furnaces, machining centers, etc.).

Position Responsibilities:

- Creates specifications and/or designs to assess compliance with customer requirements, codes and applicable regulations by applying knowledge of process engineering, practices, and materials and takes appropriate corrective action.
- Participates on or leads cross-functional teams to integrate the activities of multiple engineering disciplines, outside consultants and government agencies.
- Leads teams to perform conceptual analysis to determine the cause of asset failures and reduction in asset capacity by using reliability tools and methods (e.g., life cycle analysis, condition-based maintenance, root cause failure methodology, mean time between failures, fault tree analysis, etc.).
- Reviews records, inspects, measures, and tests to document assets operating and maintainability condition for the purpose of determining whether to continue to operate, repair, surplus, or replace.
- Creates cost estimates for the acquisition and/or installation or modification of complex equipment to support customer budget and business planning activities for current and future year requirements. Assists in the development of cost estimating policies and processes.
- Utilizes project management tools to plan, manage, and execute multiple major/complex projects by leading a team of stakeholders in the acquisition and modification of equipment to enable the customer to achieve the defined business objectives in accordance with company and accounting policies as applied to equipment.
- Assists in the creation of contract scope, terms, and conditions.
- Develops and recommends equipment reliability improvements through the application of reliability engineering tools to ensure that equipment operational and maintenance processes are effective and efficient for operations customers.
- Provides technical recommendations and solutions by investigating, evaluating, interfacing with suppliers and stakeholders, troubleshooting and responding to maintenance/operator questions related to complex equipment.

- Develops, reviews and approves bid and procurement specifications for complex equipment by teaming with cross functional subject matter experts and applying engineering methodologies for the acquisition or modification of equipment which will meet the stakeholders' requirements.
- Assists in the development of equipment specification standards. Researches technologies, processes, materials, and methodologies related to complex equipment by attending educational events, reading technical publications, reviewing emerging trends, and studying historical data in order to identify opportunities for improvement in current and future projects.

This position is expected to be 100% onsite. The selected candidate will be required to work onsite at one of the listed location options.

Employer will not sponsor applicants for employment visa status.

Basic Qualifications (Required Skills/Experience):

- 4+ years of experience in manufacturing equipment (i.e. CNC equipment, Autoclaves, NDI equipment)
- Working level knowledge and application of configuration management principles and methods, relevant to equipment and associated equipment documentation
- Knowledgeable in test and evaluation techniques, business systems, Material Resource Planning (MRP) and understand quality programs
- Good understanding of Programmable Logic Controllers (PLC's)
- Proficient in MS Office based applications
- Must be legally able to work in Canada

Preferred Qualifications (Education/Experience):

- Bachelor of Science Degree in a relevant field of Engineering or a Certified Engineering Technologist
- Experience within the manufacturing / aerospace industry
- Experience in project management
- Well-developed facilitative, communication, problem-solving, organizational and team-building skills

Typical Education and Experience:

Education/experience typically acquired through advanced education (e.g. Associate) and typically 3 or more years' related work experience or an equivalent combination of education and experience (e.g. Bachelor+1 years' related work experience, 5 years' related work experience, etc.).

Relocation:

Relocation assistance is not a negotiable benefit for this position. Candidates must live in the immediate area or relocate at their own expense.

Additional Information:

This requisition is for a locally hired position in Canada. The employer is Boeing Canada. Candidates must be legally authorized to work in Canada. Benefits and pay are determined by Canada and are not on Boeing US-based payroll. This is not an expatriate assignment.

Export Control Requirements: Not an export control position

Equal Opportunity Employer:

We are an equal opportunity employer. We do not accept unlawful discrimination in our recruitment or employment practices on any grounds including but not limited to; color, religion, national origin, gender, sexual orientation, gender identity, age, physical or mental disability, genetic factors, military and veteran status, or other characteristics covered by applicable law.

We have teams in more than 65 countries, and each person plays a role in helping us become one of the world's most innovative, diverse and inclusive companies. Applicants are encouraged to share with our recruitment team any accommodations required during the recruitment process.

Click [here](#) to apply on company site.