



Development Quality Assurance Engineer – 1 YEAR CONTRACT

Corporate Description

MANNARINO Systems & Software Inc. holds over 20 years experience in designing, developing, verifying and certifying real-time embedded software for safety critical applications, thanks to a unique combination of services and [COTS products](#).

MANNARINO Systems & Software Inc. customer base is very large, covering traditional aerospace companies as well as new and exciting markets, including electric propulsion, [Urban Air Mobility](#), [Unmanned Aerial Vehicle](#) and autonomous flight.

The MANNARINO culture is focused on high quality, hard work, professionalism and team work within a highly respectful, motivating atmosphere geared towards long-term business growth.

As a member of our team, you will benefit from:

- a comprehensive group insurance and RRSP plan
- a flextime policy with paid overtime
- discretionary bonuses
- a fitness reimbursement program
- other office perks such as catered weekly lunches and free hot beverages (espresso, coffee, hot chocolate and tea)
- regular company outings

MANNARINO is a privately-held Small & Medium Size Enterprise (SME) and was recently awarded the [AIAC's Innovation Technology Award](#)

Career Opportunity and Primary Roles / Responsibilities

Our client is looking for a Development Quality Assurance Manager to join their team. He/she conducts independent assessment of engineering compliance to systems, rules, and processes to ensure fulfillment of internal and external requirements. Ensures that projects and products are capable and will meet applicable standards and requirements. Demonstrates and communicates understanding of industry and regulatory requirements, standards, and practices in avionics systems, software, and hardware.

Key responsibilities

- Work closely with the technical leader and the project team to meet the timeline and expected level of quality
- Assure that products developed are the result of suitable, rigorous, and structured processes
- Conduct assessments / audits of engineering development activities to gauge compliance with applicable regulatory, industrial, and company standards
- Review technical documentation with a view to Quality and Compliance requirements
- Generate and maintain objective evidence of assessment activities for customer and regulatory review
- Understand and apply aviation standards including, but not limited to: AMC 20-152A, EASA Certification Memorandum SWCEH-001 issue 01, RTCA / DO-254, RTCA / DO-178C RTCA / DO-297 and SAE ARP4754A
- Provide regular and thorough status reports and data to leadership
- Ensure Quality records are maintained, metrics collected, and reports given back to the business

- Evaluate, develop, and publish quality metrics and audit results to the project team and stakeholders
- Interact with, and provide support to, regulatory authorities, customer representatives, and supplier representatives during project implementation when needed
- Conduct root cause analysis / corrective action follow up using appropriate procedures

Required Competencies

- Bachelor's degree from an accredited university or diploma from a college with a minimum of 4 years of experience in engineering development and/or quality
- Minimum of 3 years of experience in engineering, complex electronic product development, quality or process assurance / compliance
- Experience in or knowledge of aerospace engineering and development standards (especially AMC 20-152A, EASA Certification Memorandum SWCEH-001 issue 01 and DO-254 compliance)

Preferred skills

- Excellent Team player with proven ability to accomplish goals through collaboration
- Strong oral and written communication skills
- Strong interpersonal and leadership skills
- Ability to influence others and effectively cooperate in teams
- Lead initiatives and deliver on expected outcomes
- Bilingualism English / French

Miscellaneous Requirements

- Able to travel (Europe) during the specification and integration phases and for workshops when needed
- Must be able to communicate effectively in English and French
- Occasional travel required to customer sites (usually within North America)
- Possibility of assignment to customer site within the Montreal area
- Must be eligible to work in Canada

At MANNARINO, we believe that passion and a desire to learn is crucial. Diversity of thought and experiences leads to innovative solutions and creativity. This is why we would like to encourage all those interested to apply.

**Please submit your application by
E-mail: rh@mss.ca**

*We are an equal opportunity employer.
All applicants will be held in strictest confidence.
Only those selected for interview will be contacted.*
