

QA Team Leader

Last Update: 11/25/2011

Job Summary

Reporting to the R&D Manager, the QA Team Leader acts as a technical mentor inside his group making sure that all team members are aware of the best test practices. He makes sure all test procedures are appropriate for the different HVAC hardware and software products to be validated ensuring the best possible test coverage before signing off the release of such products. He also carries out, on request, any other task related to this position.

The QA Team Leader is continuously striving to get the best tools available to fulfill his/her team's duties and will keep an eye on new techniques that become available on the market.

The QA Team is an R&D key player and as such, its Leader will participate in all design reviews during the product development phases to bring in his test experience and get enough functional details to prepare the test procedures that will apply when the product enters the QA department. He also gives his/her feedback to the Product Managers in regards to the required feature set and its testability.

The QA Team Leader works jointly with several different teams within the company such as Product Development, Technical Support, Production and Marketing. He interacts on a daily basis with R&D Hardware/Firmware/Software developers. He/she could occasionally be invited to go on project sites carried out by authorized Distech Controls System Integrators.

The team leader is responsible for the work load proper balancing inside his/her team and makes sure that the deliverables are in line with the development schedule.

The ideal postulant is a Test Engineer with a broad experience in the field of Electronics and/or Software development in a Quality Assurance context in an HVAC product manufacturing environment.

The postulant is proactive, autonomous and demonstrates an above-the-average team spirit. His/her professionalism and dedication contributes to the success of Distech Controls while maintaining harmonious relationships with his/her colleagues and team members.

Job Description and Responsibilities***Management abilities***

- ✓ Manage communications during the product testing phase
- ✓ Assign and manage technical resources according to day-to-day and long term corporate priorities
- ✓ Lead and represent the QA Team, acting as the main point of contact for any test related issue
- ✓ Keep a close watch on new techniques and technologies to propose tools that can enhance test coverage while increasing the productivity and efficiency of the team
- ✓ Manage department's operations in order to ensure proper test coverage and deadlines
- ✓ Ensure that the test procedures are always relevant and up to date.
- ✓ Be proactive by suggesting better work flows where and when applicable

Test specific duties

- ✓ Help the team with the product testing when required, in particular when getting close to a deadline
- ✓ Elaborate the proper test plan once a product has been defined enough to understand its final functionality and performance levels
- ✓ Ensure the QA Team provides best possible services in a timely manner
- ✓ Write clear, concise and rigorous test reports, underlining the problems found and suggest improvements when applicable
- ✓ Propose new ways to perform tests that can help increase products quality and reliability
- ✓ Participate in RMA and root cause analysis and propose ways to increase product reliability
- ✓ Manage and maintain test room equipment

Requirements

Essentials

- ✓ College or University degree in an Electrical or Software Engineering program
- ✓ At least 5 years of experience in a QA test environment, with both hardware and software components
- ✓ Good sense of priorities
- ✓ Perfectly bilingual, both English and French, written and spoken

Important aspects

- ✓ Must be able to remain calm when under pressure
- ✓ Must be good at maintaining project documentation and test procedures
- ✓ Good abilities in software programming
- ✓ Good knowledge of firmware development
- ✓ Understands Building Automation Systems and HVAC in general

Assets

- ✓ Knowledge of HVAC control protocols (LonWorks ® et BacNet®)
- ✓ Knowledge of Microsoft Test Professional 2010
- ✓ Good knowledge of latest programming languages (.net, Java)

Profile

- ✓ Ability to synthesize
- ✓ An organized person with a sense of logistics and priorities
- ✓ Team player with excellent communication skills and a capacity to develop harmonious relationships with others
- ✓ Charismatic leadership, motivator and proactive
- ✓ Self dependant and a fast learner
- ✓ Respectful of others