

Robotics Commissioning & Quality Assurance Engineer (Industrial Manufacturing Sector)

Location: Foshan

Sector: Engineering/Specialty Steel/Manufacturing

Starting date: ASAP

Job Reference: CDS2026008

ABOUT THE COMPANY

Operating in more than 40 countries, our client is a global leader in stainless, electrical, and specialty steel, with sustainability at its core.

MISSION

Our client is looking for a Robotics Commissioning & Quality Assurance Engineer (within CTIO Innovation) who can act as the technical lead within the China Robotics Hub, ensuring the quality, testing, and compliance of automation systems developed with Chinese suppliers. Support global deployment through commissioning and validation in international sites

RESPONSIBILITIES

Supplier Execution & Day-to-Day Oversight

- Visit suppliers regularly to monitor build quality and production progress of automation systems.
- Ensure assembly and integration follow approved specifications and European standards.
- Act as the main technical contact to resolve issues and report updates to European teams.

Quality Assurance & Technical Translation

- Perform rigorous reviews of the supplier's PLC logic, fleet management software, and source code during the development phase.
- Ensure all software architecture is modular, fully commented, and avoids proprietary "lock-ins".

Commissioning & FAT

- Execute Factory Acceptance Tests (FAT) with suppliers.
- Validate safety, performance, and functionality before final approval.
- Troubleshoot and optimize systems prior to delivery.

Global Deployment and SAT

- Travel to global manufacturing sites to receive the imported equipment.
- Lead the physical installation, integration with local automation and IT/OT systems, and final Site Acceptance Testing (SAT).

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- Train local plant maintenance teams on the operator, troubleshooting, and upkeep of the newly installed robotic systems

REQUIREMENTS

- Bachelor's or master's degree in Automation, Robotics, Mechatronics, or a related field.
- **Native Mandarin and strong technical English** (ability to read specifications, write reports, and communicate with international teams).
- At least 5 years of hands-on experience in industrial automation, including commissioning, PLC programming (Siemens, Rockwell), and robotics (ABB, KUKA, Fanuc or similar).
- Experience with AGV/AMR systems is a strong plus (fleet management, navigation, safety).
- **Solid experience in heavy industry environments (steel, metallurgy, or similar).**
- Good knowledge of electrical systems, industrial communication protocols (Profinet, OPC UA, EtherCAT, etc.), and sensor integration.
- Basic understanding of safety and compliance standards, with the ability to identify non-compliant equipment.
- Hands-on, detail-oriented, and problem-solving mindset, with the ability to work on-site and manage suppliers.
- Strong sense of ownership and ability to maintain high technical standards.
- Willingness to travel frequently within China and internationally.

APPLICATION

Please send your resume and your motivation letter to:

sc-recruitment@ccifc.org

Mail subject: Your name | Job title - location [Job reference]

Ex. Your name | Robotics Commissioning & Quality Assurance Engineer – Foshan [CDS2026008]

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