

Job Description

Job title	Scientific Officer – Electrical Control & Instrumentation Graduate
Department	Research and Development
Reports to	Electrical Control & Instrumentation Team Leader
Responsible for	None

Job purpose

Assist the design and development of prototype systems through to commercial scale products across a variety of disciplines. Build experience of Process instrumentation and control systems while operating and maintaining commissioned systems in the field or assisting with the build and test of new systems in development. Develop electrical skills through specification and management of electrical installations and equipment on site. Expected progression into full time design role upon demonstration of competence across full range of subjects.

Duties and responsibilities

Operational responsibilities

- Operate and maintain portable gas processing equipment under supervision, progressing to independent operation and troubleshooting of system.
- Manage, implement and record maintenance schedule for systems in operation.
- Provide feedback on performance and design improvements for systems in operation.
- Assist in the construction, testing, and commissioning of new systems.
- Take part in design reviews and safety assessments of new systems.

Peer group /cross team liaison

- Maintain a good working relationship with colleagues and peers, reflecting Bennamann values
- Apply specialist skills where required across full project portfolio.
- Identify and request specialist input where required from others.

Reporting and communication

- Maintain timekeeping records against various projects for accurate accounting.
- Update and agree short term workflow with direct reports on regular basis.
- Notify direct reports of major changes to cost or time as they occur on projects or tasks.

Management of team (if applicable)

- No current leadership requirement. Opportunity in future to lead a team as company expands.

Team

- Proactive member of motivated and engaging team
- Participate actively in team meetings and proactive in own review and development
- Supportive member of Research and Development team, role modelling Bennamann values in both internal and external relationships:
- Embrace and acknowledge mistakes in a constructive manner to promote good team feedback.

H&S

- Responsible for own H&S and that of your direct reports, adhering to company guidelines be this in an office / workshop setting, on site, in a vehicle and/or any other reasonable context.
- Highlight any H&S risks you identify to management.
- Ensure you have any and all reasonable PPE and highlight any deficiencies to management who will address as required
- Undertake additional task specific risk assessments where required for higher risk activities.

Person Specification

ATTRIBUTES	ESSENTIAL (must have these skills or experience)	DESIRABLE (...but prepared to train or develop in these areas)
Relevant Experience Work and non-related work experience relevant to the job and organisation	Scientific or engineering background, previous work involving process control, Instrumentation, automation, or low voltage switchgear.	Experience of Coding for automation or simulation Experience of designing or building control systems. Experience of maintaining or installing instrumentation. Experience of working with Pressure systems. Some experience of providing quotes/estimates for price and timing of work. Familiarity with DSEAR regulations and explosive atmospheres.
Education/ Training Specific qualifications and or training	Engineering or Scientific Degree, Able to read and understand; process diagrams , electrical schematics and 2D assembly drawings Able to use 2D CAD software to provide basic schematics or assembly drawings	Complex Certification Familiarity with DSEAR regulations Familiarity with use or coding of industrial PLC's BS:7671 (18 th edition) IET wiring regulations certification

<p>Qualities, knowledge & skills</p> <p>Personal skills, qualities, behaviour, most of these will be essential as many of these cannot be trained</p>	<p>An empathy and affinity with the Bennamann company values:</p> <ul style="list-style-type: none"> - Safe and Reliable - Able to remain calm under pressure - Value customers, value the environment, value the team - Profit with integrity - Revolutionarily creative - Passionate, with a can-do attitude <p>In addition:</p> <ul style="list-style-type: none"> - Adheres to process and policy, including PPE and uniform - Presentable, with the ability to be a positive representative for Bennamann in relationships with customers and suppliers; ranging from farmers to councillors and scientists 	<p>Willing to adopt new systems of working and help to build processes where required in a rapidly developing company.</p> <p>Can demonstrate occasions where they have set own work plan and short term objectives to meet a longer term goal.</p> <p>Able to demonstrate times when they took ownership of issues and used own judgement to make independent decisions.</p>
<p>Additional factors Working conditions/hours, ability to drive, any special working conditions (e.g. gas handling)</p>	<p>Must have own car and be prepared to drive between working sites. (Either between development locations or to farm sites.)</p> <p>Flexible working hours based around Core 9:30-15:00 Mon-Thurs and 9:30-13:30 on Fridays.</p>	<p>Hold a trailer driver license</p>

To apply please send cv and cover email to: people@bennamann.com