



The Opportunities

px Group are a leading provider of services in the process, energy and high complexity industrial sectors, aligning with our customers' drivers and delivering change through energy transition. We've over 25 years' experience in providing innovative operations management, engineering services & energy management solutions and are responsible for processing around 30% of the UK's gas supply. On behalf of our clients, we operate many UK key strategic sites including gas, power, renewables and chemical plants. Our focus is improving operating performance with zero harm to people, environment asset and reputation.

Located in south-east London, Beckton Combined Heat & Intelligent Power Plant (CHiP) is fuelled by bio-liquids powering a MAN B&W marine 2 stroke diesel engine coupled to a 13 Mw generator. Exhaust gases drive a turbo generator feeding the local LV site distribution system, before being treated through a selective catalytic reduction (SCR) system, then released to atmosphere.

Due to the promotion of the previous role holder, we're now seeking an Electrical Control & Instrumentation (EC&I) Technician (days based) to join our multi-skilled Beckton team. To be successful, you're able to develop positive working relationships and enjoy working with others to achieve results. You're also able to adapt, contribute and work effectively as we continue to develop and optimise the plant.

You'll be supported with personalised on the job training and coaching and twice yearly development and performance reviews to help maintain & develop your contributions and competence. We also offer a competitive salary and benefits.

Minimum Requirements: To be considered you must have the following qualifications and experience:

- Time served electrical, control or instrumentation apprenticeship / NVQ 3 /equivalent qualification in electrical, control or instrumentation discipline.
- Experience of working in a 24/7 industrial process.
- Competent to fault find, improve & complete tasks in:
 - **Electrical:** 3 phase Motors, Inverter drives, motor starting & protection methods, LV distribution, overcurrent & Fault protection, earthing & Bonding systems, control systems: MCC, DOL, Star Delta, VSD, soft starter.
 - **Control:** PLC / DCS systems, 110v ac, 24v dc, relays, contactors, feedback signals, interlocks, Digital inputs & Outputs. Control loops, PID controllers, proximity & limit switches, A2D converters, RIO systems, Bus systems & Ethernet networks.
 - **Instrumentation:** Industry standard methods of measuring Pressure, Flow & Temperature. 4-20mA systems, HART, 0-10v, Analog & Digital systems, And Calibration, testing & Fault finding of process instrumentation.

For your application to be progressed, you must meet the minimum requirements of the job role person specification.



Beckton CHiP

EC&I TECHNICIAN

July 2021

More information: Can be found in the job description & person specification for this role/position by visiting www.pxlimited.com

Closing date: 18th July 2021