

Quality Engineer

Company:

Concrete Growth Pty (Ltd) is a civil engineering consulting company supporting the wind energy industry in South Africa. We have a position available for a Quality Engineer to start immediately.

Contact Person:

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Position title: Quality Engineer

Career level: Junior Engineer or Junior Engineering Technologist

Type: Full-time Contract with weekend work

Duration: For the duration of the current contract with the Client (5 months)

Location: Cape Town, South Africa

Package: Negotiable at final interview, based on level of experience

Purpose: A contract position is available for a Quality Engineer with an interest in sustainable concrete construction and renewable energy. The suitable candidate will be supporting the Technical Quality Manager in assuring all aspects of the quality of the Contractor's work of producing large industrial-scale structural precast concrete elements for our Client, a multi-national windfarm developer.

Responsibilities: Support all areas of the Client's Integrated Quality Management System to ensure quality in all aspects of the manufacturing and repair of precast concrete segments.

Maintain all quality documentation as per the Client's Integrated Quality Management System on a daily basis:

- Ensure timeous submissions of quality documentation by the contractor
- Maintain document filing system
- Review quality documentation
- Report deviations to Technical Quality Manager and decide on corrective action in consultation with Technical Quality Manager

Execute daily quality inspections of all the contractor's production processes including but not limited to:

- Steel fixing
- Receiving of raw materials

- Concrete batching
- Concrete casting
- Concrete curing
- Concrete and raw material testing and test laboratory
- Post concreting inspections and Concrete repairs
- Dimensional measurements
- Prestressing
- Final finishing of units
- Repairs

Maintain daily and weekly site diary

Attend and keep minutes of weekly production and quality meeting of local team

Requirements:

B.Tech/NDipl in Civil, Industrial or Quality Engineering from ECSA accredited tertiary institution

Minimum 0-5 years experience in structural concrete design, construction or precasting, or quality engineering in a Structural engineering environment (preferably precast concrete) is essential

Strong computer skills and competency in all MS Office Applications

Ability to evaluate the impact of actions on the business and our Client

Ability to manage multiple priorities under tight deadlines

Strong attention to detail and accuracy

Ability to work flexible schedule coincidental with production functions

Demonstrated oral and written communication skills

Excellent interpersonal and leadership skills

South African Citizen

Fluent in English, and with own transport to and from the factory

Why join Concrete Growth on this exciting project:

Our client is a multi-national windfarm developer that has recently entered the local renewable energy market in collaboration with local suppliers. You will gain invaluable experience from the team of local and international engineering experts in the field of large industrial-scale precast concrete mass production using modern concrete as has not been used in South Africa before on this scale. We are offering an excellent training opportunity that will kick-start your career like few others.