

POSITION PROFILE

POSITION: Engineer (ESD)
(ESD = Environmentally Sustainable Design)

LOCATION: Jakarta

REPORTING TO: ESD Manager

POSITION SUMMARY:

Opportunity to support regional and international projects with various scale for optimizing indoor performance, maximizing energy and water saving, sustaining the environment and obtaining international or local recognition. The ESD Engineer shall support projects and assist coordination with clients, consultants, contractors and suppliers, delivering projects on time, with the best quality and within allocated cost.

COMPANY PROFILE:

Afogreen Build is a specialist in green building solutions, who is committed to provide excellent and hassle free services in achieving environmental sustainability and green building. Our team has a decade of experiences and proven track records of various Environmentally Sustainable Design, green building ratings and computational simulation, which are not limited to only Singapore projects, but also Malaysia, Indonesia, Thailand, Vietnam, China, Hong Kong, Dubai, Algiers, and Jeddah. We help our clients to achieve the best indoor performance while reducing building construction and operational cost and saving the environment.

RESPONSIBILITIES

- Run ESD projects independently with minimal supervision.
- Prepare reports and presentations and project submissions.
- Search for materials, products, technical specification and cost,
- Control the project ESD deadline and ensure that all necessary features have been proposed, discussed with client and project team and implemented in design in timely manner.
- Manage Green Rating process of projects and ensure target achievement, such as Green Mark, LEED, GBI, Greenship, etc.
- Conduct all necessary calculations, such as ACMV system, lighting, landscape, etc.
- Coordinate project team, clients, contractor and supplier on matters related to ESD and green rating, such as data compilation, calculation, verification, green rating submission, etc.
- Conducting Building Science calculation and simulation such as ETTV/OTTV, energy simulation, wind simulation, daylight and glare simulation, sunshade simulation, etc.
- Conducting walk through and detail measurement of building performance (ACMV, lighting, indoor comfort, etc) to analyse building system performance and propose improvement.
- Be a star performer, positive contributor and part of problem solving in the team.
- Support marketing, sales and administrative activities.

REQUIREMENTS

- Able to run Energy modelling software or/and Wind modelling software, Daylight and Glare modelling software, etc, will be a plus point.
- Engineering Degree (mechanical, electrical, building science)
- Understanding of building systems particularly in HVAC systems and other M&E disciplines.
- Understanding of Green Mark, LEED, GBI, Greenship and other green rating system will be an advantage.
- Ability to operate daylight and shading simulation model and CAD will be an advantage.
- Fluency in written and spoken English.
- Working knowledge of a second language will be an advantage.
- At least 1 year of relevant working experience. Candidate with more experiences can be considered for senior position.

PERSONAL ATTRIBUTES

- Has leadership quality that can lead and guide others to achieve project goal.
- A person with meticulous eyes and careful with details.
- Good interpersonal communication skill
- A quick learner with initiative take necessary actions beyond instruction given.
- An independent and highly self-motivated individual who has a sense of urgency towards project completion.
- A decisive individual who has passion for his / her work and strong problem solving skills.
- An adventurous spirit who can think up and try innovative solutions.
- A process driven individual that is able to initiate good practices and implement processes.

Please submit detailed **CV, academic transcript and expected salary** to info@afogreenbuild.com
We would like to seek your understanding that we will not be able to reply all applicant on the application status. Only selected applicants will be invited to interview.