

Electrical Engineer III

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Company: Austal USA

Location: Mobile

Category: other-general

REPORTS TO: Chief Department Engineer & Department Project Engineer

SUPERVISES: Engineer II, Engineer I, Designers and Draftspersons

DUTIES / RESPONSIBILITIES:

- Responsible for design calculations and drawing development as assigned by the Chief Department Engineer
- Responsible for checking calculations done by Engineers I and Engineers II
- Complies with Austal's employee handbook general guidelines, company procedures and policies.

QUALIFICATIONS / KNOWLEDGE / EXPERIENCE:

General Required:

Minimum Seven (7) years' of shipyard design and construction experience or equivalent experience.

Five (5) years' Engineering experience at Austal USA will be considered in lieu of shipyard design and construction experience

Bachelor's degree in math or science with 10+ years shipbuilding experience working under the Professional Engineering license in replace of experience listed above

Excellent written and oral communication skills

Understanding of scheduling and an ability to adhere to strict deadlines

Experienced in interacting with Production, multiple design teams from several companies, customer representatives and equipment manufacturers.

Computer literate and familiar with AutoCAD and Microsoft Office products.

Thorough knowledge of ship and propulsion systems

Strong working knowledge of Maritime Regulatory Authorities (i.e. ABS, DNV, GL, NAVSEA, MIL, USCG, IMO, etc.)

Preferred:

Experience in the construction of high speed aluminum vessels

Knowledge of modular construction methods

Knowledge in design and construction of US Navy vessels

Knowledge of shock design

Knowledge of FEA methods

Knowledge of composite shafting

ADDITIONAL GUIDELINES:

All candidates must meet Austal USA's basic employment eligibility guidelines:

The ability to obtain and maintain a Secret Security Clearance may be required if deemed necessary in the scope of your position responsibilities

18 years or older at time of application

Able to provide proof of US Person status (permanent resident or citizen)

No felony convictions of theft/deception or violent crimes within seven years from disposition date

No felony convictions of drug crimes within three years from disposition date

Willing to submit to a drug screen

Willing to submit to a background check

TOOLS:

Computer - MS Office, AutoCAD

DIRECTION EXERCISED:

Will lead and direct the work of Engineers I, II, Designers and Draftspersons

Will determine technical adequacy of drawings and calculations

DISCRETION EXERCISED:

Will provide input to evaluations of Engineers I, II, Designers and Draftspersons

Has authority to direct, evaluate and correct the work of Engineers I, II, Designers and Draftspersons

LIAISES WITH: Engineers, Production Personnel, Customer, Regulatory Bodies, Program Management and Equipment Suppliers

WORK ENVIRONMENT

The work environment characteristics described here are representative of those an employee may encounter while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. While performing the duties of this job, the employee may be exposed to humid conditions, bright flashing lights, moving mechanical parts, high precarious places, outside weather conditions, and extreme heat. The employee is occasionally exposed to fumes and/or airborne particles at or below the PEL, toxic or caustic chemicals, and heat and cold. The noise level in the work environment is usually very loud, + 90 dB.

SAFETY

Must comply with company, federal, state, and local safety and environmental rules and regulations while performing daily job tasks.

Equal Employment Commitment

Any qualified individual with a disability who is having difficulty in completing an application because of incompatible technology or other disability-related application issues may contact us at the following phone number for assistance: 251-445-1932.

Austal shall abide by the requirements of 41 CFR §§ 60-1.4(a), 60-300.5(a) and 60-741.5(a). These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities and prohibit discrimination against all individuals based on their race, color, religion, sex, sexual orientation, gender identity, or national origin. Moreover, these regulations require that covered prime contractors and subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, protected veteran status or disability. Austal's commitment to equal employment opportunity applies at all levels of employment, in all job titles, including the executive level,

and to all employment actions, including but not limited to decisions concerning recruitment, hiring, training, and promotion.

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