

## Electrical Engineer

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Company: Airswift

Location: Australia

Category: other-general

Location East Perth, Western Australia, Australia Industry Oil & Gas - Offshore Gas Job Type Contract Date Added January 24, 2024 We are looking for an experienced Electrical Engineer to join the Major Operations team on an initial 12-month assignment with our client that specializes in the Mining Industry. Key Accountabilities Design and deliver Electrical systems for Heavy Industry Mobile Equipment (HME) and Rail Development projects in a safe, timely and sustainable manner. Contribute to design reviews and validation of various engineering designs and associated component selection suitable for application. Providing technical guidance on all Electrical Engineering Systems related to works being carried out, ensuring compliance to relevant standards. Develop technical specifications and scopes of work to meet project specific objectives. Monitor, interpret, and stay up to date with relevant regulatory requirements, standards, and directives applicable to our products and industry. Resolution of technical issues related to electrical design, standards and/or compliance. Collaborate with cross-functional teams to integrate compliance into product development processes. Proactively deliver on the company's stretch targets Liaising with a range of key stakeholders on all technical aspects of projects Providing regular updates to the Principal Electrical Engineer including work progress, risks, and priorities. Skills, knowledge, & experience required Minimum 5 years of experience in Mining, Rail or Heavy Mobile Equipment. Bachelor Degree in Electrical Engineering (essential) Experience with development of electrical standards, processes and procedures. Experience with Arc Flash Risk and management. Experience with Functional Safety standard and compliance. Experience with inverters, chargers and VSD with experience in electrical noise filtration is advantageous Experience

in designing high voltage DC power systems. Experience in contractor engagement and contractor management process. Proactive and self-motivated, with a drive for excellence. Results driven, responsible and accountable. Strong knowledge of Australian and International standards relevant to Mining, Rail or Heavy Mobile Equipment. Strong analytical skills with the ability to identify and address electrical risks. Proven ability to work with diverse stakeholders and in multidiscipline teams. Knowledge of Electrical Drive System Knowledge of heavy mobile equipment Inverter systems Knowledge of Power Electrical/Electronic. Don't see a job for you? Register for our candidate portal Sign in or register for Airswift Digital to stay updated with recommended jobs.

#J-18808-Ljbffr

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