

SYDNEY LIGHT RAIL TRACK EARTHING AND BONDING



EnerMech were awarded the contract to execute the earthing and bonding of 31 Fee Zones covering all of the Sydney Light Rail network.

The Sydney Light Rail is a new light rail network for Sydney, under construction at the time of the project. The 12km route features 19 stops which will significantly improve public transport access to major sporting and entertainment facilities in Sydney in the near-future.

Client: Acciona

Year: Aug 2017 - May 2018

Product/Service:

Electrical and Instrumentation

Scope of work

Develop and implement Fee Zone Work lots including procedures, inspection and test plans (ITP's), inspection and test check sheets (ITC's)

Provide and manage a team of earthing and bonding specialists and test technicians to safely execute the track earthing, bonding and testing scope

Provide earthing and bonding test expertise for the civil team's scope for both pre and post concrete pour installations

Interface management of multiple contractors to ensure safe and efficient scope execution

Project Delivery

EnerMech delivered the successful and safe execution of 24km of light rail track earthing and bonding for 31 fee zones covering all of the Sydney Light Rail network

The team developed and implemented a robust completions process, which allowed for the completion and handover of over 600 ITP's and ITC's with client sign off on all completed track earthing and bonding dossiers.

Our team provided a highly skilled and competent workforce with modern test equipment technology, ensuring the entire scope was delivered safely.

Key Benefits

>15,000 hours LTI free

Successful and safe execution of 24km of light rail track earthing, bonding and testing including both up and down mains.

Development and Implementation of a robust completions process.

Completion and Handover of over 600 ITP's and ITC's and client sign off on all completed track earthing and bonding dossiers.

Comprehensive track Earthing and Bonding QA/QC traceability via EnerMechs quality and completions system.

Highly skilled and competent workforce and modern test equipment technology