

# DESIGN REVIEW AND AUDIT ENGINEERING

## What we do

SIE are specialist Structural Engineers providing services to the mining, ports and heavy industrial infrastructure sector. We use our structural knowledge and experience to provide our clients with superior technical and business orientated outcomes.

Confidence in the correctness of a provided design is important for technical, legal and commercial reasons. An independent structural design review or audit can assist with establishing that suppliers and owners are complying with their internal requirements and statutory duties, including due diligence.

SIE has a wealth of experience in design review and auditing including:

- Bulk materials handling machine auditing to AS4324.1 of over 30 machines, including reclaimers (to over 15,000tph), stackers (to over 13,500tph) and shiploaders (to over 13,000tph).
- Design review and auditing of marine facilities.
- Crane structural design reviews and audits.
- Independent reviews of new structures and proposed upgrades and remedial works.

**When working with structures, use a specialist Structural Engineer**



## Benefits to our Clients

Our clients benefit from our structured approach to design review and auditing by receiving clear and concise information that allows them to understand the status of a provided design by others and what corrective actions are necessary to achieve compliance to a contract, specification, standard or possibly statute.

By use of our experience, detailed knowledge of a wide array of Australian and International standards and where necessary independent verification methods, we provide the following benefits to our clients:

- Assistance with establishing the design criteria for a project.
- Knowing the compliance status of a provided design for structural elements against the requirements of the relevant contract specification, standards and legislation.
- Being able to quickly identify where issues and problems may arise in design, fabrication, erection or remedial works.
- Identifying risks associated with non-compliance and communicating the key issues by the use of clear and concise reporting methods.

**Use the contact details below to find out how SIE can assist your business**

## Contact Details

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