



## LIFTING, CRANE AND MATERIAL HANDLING EQUIPMENT

Gauge Engineering Consultants offers a broad spectrum of Structural Engineering services to Lifting and cranes industrial and related heavy industrial, utility and institutional clients in the following areas:

- Bridge Overhead Cranes
  - Top running Cranes
  - Underslung Cranes
  - Monorails
- Portal Cranes
  - Single and double girder portal cranes
  - Simi-portal and full portal cranes
  - Fixed portal cranes
- Jib Cranes
- Quayside Gantry cranes and yard cranes for container handling with heavy duty requirements
- Lifting beams
- Material handling equipment
  - Stacker and Relcaimers
  - Ship loaders , Unloaders
  - Car dumpers
- Customized design and verification for special purpose and function
- Crane and equipment support structures including the runway and building
- Upgrade and strengthen thing, renovation and fault and causes investigation
- Peer Review and Certification
  - Review other professional drawings, designs, and calculations, then prepare and issue a report on the findings.

**Our team is experienced in designing structural elements to meet architectural vision and client's requirements, whilst maintaining the structural integrity.**

**≡ Passionate, Innovative, Creative**

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