

Civil | Structural | Geotechnical Consultant

Cutech Quality Solutions Pte Ltd is a PEB (PROFESSIONAL ENGINEER BOARD, Singapore) registered consultant, which provides technical and engineering support in the field of Civil, Structural and Geotechnical engineering. Already equipped with a vast experience in the field of Inspection, Material testing and training all over the world, it is now providing design and consultancy services with an experienced team led by Professional Engineers in Civil & Structural and Geotechnical engineering.

Cutech provides engineering design and consultancy services in buildings and infrastructure, which includes analysis, design, development and production of drawings as per International and Singapore standards and the respective Government Authority submission requirements and approvals. It also provides Periodic Structural Inspection of buildings as per Building Control Act and undertakes site supervision works

Services:

Cutech has all the experience and resources to provide professional consultancy services in:

- ❖ **Structural Analysis and Design**
- ❖ **Geotechnical Design Works**
- ❖ **Temporary Works Design (ERSS)**
- ❖ **Periodic Structural Inspection**
- ❖ **Site Supervision Services (QPs, RE's & RTO's)**
- ❖ **Solar Panel Roof Conditional Assessment**
- ❖ **Design for Safety Professional**



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Structural Analysis and Design Works:

Analysis, design, development and production of drawings & details for buildings and industrial structures which includes warehouse, dwelling house, shelter, storage tanks, pipe support, equipment supporting structures as per International and Singapore standards and the respective government authority submission requirements and approvals

Geotechnical Design Works:

We provide geotechnical design consultancy works which includes both shallow and deep foundation elements such as footings, piles, pile caps, deep rafts, diaphragm walls and slope stability calculations.

Temporary works design:

Temporary work designs for Earth Retaining and Stabilizing Systems (ERSS) and preparation of the design calculation for BCA submission and approvals.

Periodic Structural Inspection:

We provide Qualified Professional Engineer to conduct a periodic structural inspection and visual inspection service to ensure that buildings are safe and continued for occupation as per the Building Control Act (BCA)

Site Supervision Services:

We provide Qualified Person (QPs), Resident Engineer (RE's) and Resident Technical officer (RTO's) for site supervision services, effective solutions to construction problems, and endorsement for minor site works of public sector and private sector constructions works.

Solar Panel Roof Conditional Assessment:

Conditional Assessment and design check for existing roof for the installation of Solar panel.

Design for Safety Professional :

We assist to identify reduce and eliminate the risk factors during the design stage and construction stage of buildings and structures, including its maintenance throughout its life span.



Cutech Group of Companies

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| ❖ Inspection Services | ❖ Corrosion |
| ❖ NDT Services | ❖ Offshore & Marine |
| ❖ GIS & IT | ❖ Manpower Outsourcing |
| ❖ Training | ❖ Trading |
| ❖ Engineered Products | ❖ Green Energy |
| ❖ Underwater & Subsea | |