構造計画研究所
KOZO KEIKAKU ENGINEERING Inc.

Structural Design & Construction Consulting

Full-spectrum support for safe and secure building construction


Structural design for high-rise buildings
Roppongi Hills Mori Tower


Structural design of office buildings
Central Office, Kozo Keikaku Engineering Inc.


Oil damping system
Central Office, Kozo Keikaku Engineering Inc.

Residential complex with 3D seismic isolators "Chisuikan"


3D seismic isolation system
Jointly developed with Shimizu Corporation
and Kayaba System Machinery Co., Ltd.

Hazard

Earthquake Tsunami

Solution Purpose

Prevention & Mitigation

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Solution Theme

Research & Investigation Infrastructure Technology Building Technology

Technology Subject

Technical Research & Development Urban Facility for Disaster Prevention Emergency Base & Back-up Facility Design & Construction of Resilient Building Resilience Improvement on Existing Building Mitigation Measures for Interior & Facility

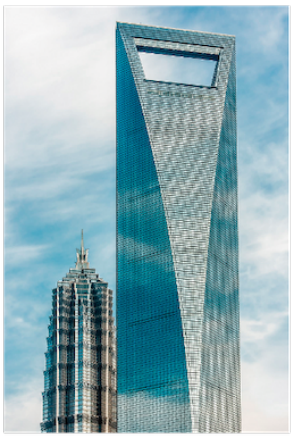
Advantages

Leveraging extensive experience in the structural design of super high-rise buildings using base isolation, vibration control, and aseismic technologies, we provide a full range of support --- from design aimed at achieving safe and secure buildings to supervision.

Utilizing KKE's diverse and highly specialized technologies, we work together with our clients to enhance the value of buildings and create a prosperous and resilient society.

Solution Illustrated







Structural design/supervision of high-rise buildings

Retrofit design, seismic diagnosis

Background

Technology to live with nature

We never know when a natural disaster will occur. Our engineering experts will advise you on the most effective countermeasures against various risks.

Exposition of the Solution

- **Structural design and supervision**

  Based on many years of experience and expertise, we provide structural design and supervision

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for structures such as skyscrapers, as well as special buildings and structures.

- **Seismic diagnosis and retrofit design**

  For seismic reinforcement of large hotels, commercial facilities, and other facilities important for disaster preparedness, we offer reinforcement measures that accommodate workability, usability, and economic efficiency.

  We also provide asset value enhancement of existing buildings by proposing various methods to improve seismic performance without impairing their functions, from seismic diagnosis to reinforcement planning and design, which determine seismic performance based on structural deterioration surveys and drawings in a way that matches your priorities.

- **System Design / Construction Method Development / Technical Consulting**

  Utilizing our many years of accumulated experience and high level of expertise, we contribute to the realization of a sustainable and resilient society through system design, construction method development, and technical consulting based on customer requests and social conditions.

Achievements of Examples

Our works:https://struc.kke.co.jp/cms/works/

Other References

- Contact

KOZO KEIKAKU ENGINEERING Inc.

https://struc.kke.co.jp/

Corporate Profile

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