



財團法人全國認證基金會  
Taiwan Accreditation Foundation

# Certificate of Accreditation

(Certificate No : L4041-250502)

This is to certify that

**National Institutes of Applied Research**  
**Seismic Simulator Laboratory, National Center for Research on**  
**Earthquake Engineering**

No. 200, Sec. 3, Xinhai Rd., Da'an Dist., Taipei City 106, Taiwan (R.O.C.)

**is accredited in respect of laboratory**

**Accreditation Criteria** : ISO/IEC 17025:2017 ; CNS 17025:2018

**Accreditation Number** : 4041

**Originally Accredited** : January 10, 2023

**Effective Period** : January 10, 2023 to January 09, 2026

**Accredited Scope** : Civil Engineering Testing Field, see described in the  
Appendix

*Yi-Ling Chen*



Scan to verify

Yi-Ling Chen  
President, Taiwan Accreditation Foundation  
May 02, 2025

Accreditation Number : 4041

Laboratory Head : TSENG, Chien-Chuang

▼ 30.18 Civil Engineering

Damping Devices

L629 Performance Test of Damping Devices

CPAMI Seismic Design Code and Commentary for Buildings Section 10.7

Ambient temperature, unloading

Max. Full Load:  $\pm 1800$  kN

Frequency: (0.1 to 5) Hz

Displacement:  $\pm 600$  mm at 0.1 Hz,  $\pm 15$  mm at 5 Hz

Approval Signatory: TSENG, Chien-Chuang

▼ 30.18 Civil Engineering

Large-scale Civil Engineering Structure and Machine Devices

L630 Seismic Simulated Testing

In-House Method: The procedure of Earthquake Simulated Seismic vibration stations  
(NCREE-LCV-TQM-B-T01)

Three-Axial Earthquake Time History Simulation Test

Frequency: 1 Hz to 50 Hz

Maximum Payload: 40000 kgf

Three-Axial Seismic Simulation Test

Frequencies for Spectral Accelerations:

Longitudinal X:

1.3 Hz to 10 Hz, 2.16 g (max)

10 Hz / 2.16 g (max) to 33.3 Hz / 0.9 g (max)

33.3 Hz to 50 Hz, 0.9 g (max)

Lateral Y:

1.3 Hz to 10 Hz, 1.575 g (max)

10 Hz / 1.575 g (max) to 33.3 Hz / 0.787 g (max)

33.3 Hz to 50 Hz, 0.787 g (max)

Vertical Z:

1.3 Hz to 10 Hz, 2.31 g (max)

10 Hz / 2.31 g (max) to 33.3 Hz / 0.945 g (max)

33.3 Hz to 50 Hz, 0.945 g (max)

Approval Signatory: WU, Chi-Hung; CHENG, Cheng-Piao

(Null below)

