



**DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION  
FACILITIES DEVELOPMENT DIVISION**

**APPLICATION FOR HCAI SPECIAL SEISMIC  
CERTIFICATION PREAPPROVAL (OSP)**

OFFICE USE ONLY

**APPLICATION #: OSP-0769**

**HCAI Special Seismic Certification Preapproval (OSP)**

Type:  New  Renewal

**Manufacturer Information**

Manufacturer: Philips Healthcare (Suzhou) Co., Ltd.

Manufacturer's Technical Representative: Mingyuan Zhao

Mailing Address: 258 Zhongyuan Rd, Suzhou Industrial Park, Suzhou, Jiangsu, China, 215121

Telephone: 188 4245-8096

Email: MingYuan.ZHAO@philips.com

**Product Information**

Product Name: CT Systems

Product Type: NA

Product Model Number: CT 5300

General Description: Computed Tomography (CT) Medical Imaging System

Mounting Description: Rigid, Floor Mounted

Tested Seismic Enhancements: None

DATE: 07/05/2023

**Applicant Information**

Applicant Company Name: Pre Compliance

Contact Person: Galen Reid

Mailing Address: 36 SW Wall Street, Bend, OR 97702

Telephone: (541) 241-2310

Email: galen@go-pre.com

Title: Principal & Program Manager

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STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY





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**California Licensed Structural Engineer Responsible for the Engineering and Test Report(s)**

Company Name: PRE COMPLIANCE

Name: Andrew Coughlin California License Number: S6082

Mailing Address: 36 SW Wall Street, Bend, OR 97702

Telephone: (415) 635-8461 Email: Andy@go-pre.com

**Certification Method**

GR-63-Core  ICC-ES AC156  IEEE 344  IEEE 693  NEBS 3

Other (Please Specify): \_\_\_\_\_

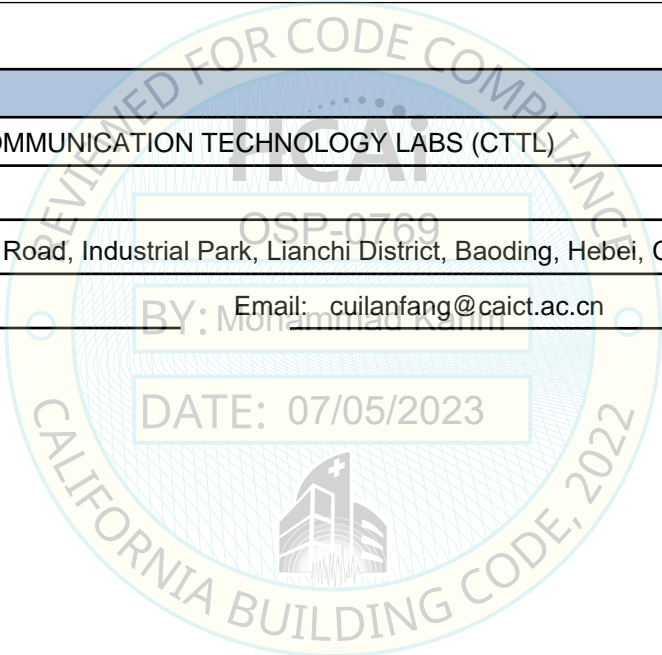
**Testing Laboratory**

Company Name: CHINA TELECOMMUNICATION TECHNOLOGY LABS (CTTL)

Contact Person: Cuilan Fang

Mailing Address: No.299, Tengfei Road, Industrial Park, Lianchi District, Baoding, Hebei, China

Telephone: +86 0312-6798950 Email: cuilanfang@caict.ac.cn



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**Seismic Parameters**

Design Basis of Equipment or Components ( $F_p/W_p$ ) = 2.4 (SDS = 2.0); 1.13 (SDS = 2.5)

SDS (Design spectral response acceleration at short period, g) = 2.0 (z/h = 1); 2.5 (z/h = 0)

$a_p$  (Amplification factor) = 1

$R_p$  (Response modification factor) = 1.5

$\Omega_0$  (System overstrength factor) = 2.0

$I_p$  (Importance factor) = 1.5

z/h (Height ratio factor) = 1 and 0

Natural frequencies (Hz) = See Attachment

Overall dimensions and weight = See Attachment

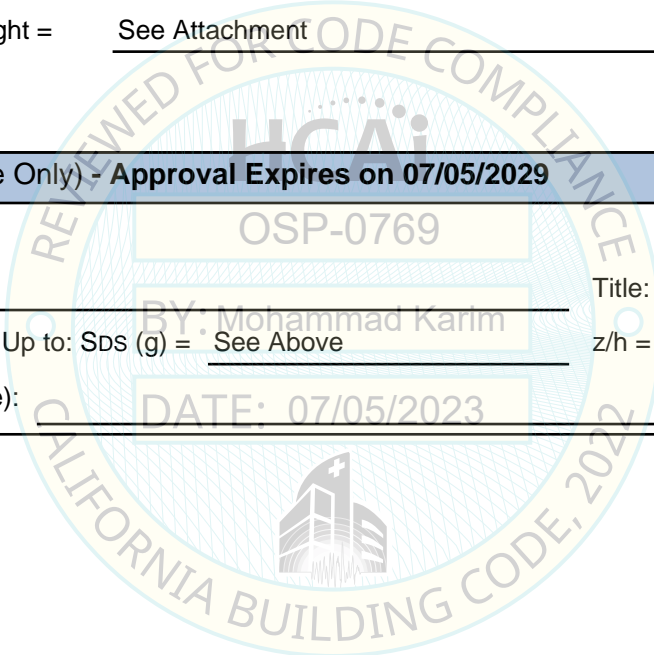
**HCAI Approval (For Office Use Only) - Approval Expires on 07/05/2029**

Date: 7/5/2023

Name: Mohammad Karim Title: Supervisor, Health Facilities

Special Seismic Certification Valid Up to: SDS (g) = See Above z/h = See Above

Condition of Approval (if applicable): DATE: 07/05/2023



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## UUT 9

Test Report# B23X80507

**Manufacturer:** Cetc Ecriepower (Anhui) Co., Ltd.

**Model Line:** CT 5300

**Model Number:** PHI-PDU-115kVA-380-480V

**Component:** PDU

### Highest Passed Test Level

S <sub>DS</sub>	z/h	I <sub>p</sub>	A <sub>flx-h</sub>	A <sub>rig-h</sub>	A <sub>flx-v</sub>	A <sub>rig-v</sub>
2.0	1	1.5	3.2	2.4	1.68	0.68
2.5	0					

### Dimensions/Weights

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
28	25	29	344

### Lowest Natural Frequency (Hz)

Front-Back	Side-Side	Vertical
24.22	23.05	>33.3

### Building Codes

CBC 2022

### Test Criteria

ICC-ES AC156

### Construction/Option Summary

Carbon steel framing with plastic shroud

### UUT Mounting Details:

OSP-0769

### List of Included Subcomponents



UUT rigid base mounted to table using (6) Grade 8.8 M10 screws.

Unit maintained structural integrity and remained operational per manufacturer requirement following shake table test. All contents were included in the unit per operating conditions.

BY: Mohammad Karim

DATE: 07/05/2023

