



**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION**

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

OFFICE USE ONLY

APPLICATION #: **OSP – 0492 – 10**

OSHPD Special Seismic Certification Preapproval (OSP)

Type: New Renewal

Manufacturer Information

Manufacturer: Fuji Electric

Manufacturer's Technical Representative: Gareth Davis

Mailing Address: 50 Northfield Avenue, Edison, NJ 08837

Telephone: 732.564.5145 Email: gdavis@fecoa.fujielectric.com

Product Information

Product Name: UPS7300WX-T3U

Product Type: Uninterruptible Power Supply

Product Model Number: UPS7300WX-T3U/ 225kVA, 300kVA, 333kVA
(List all unique product identification numbers and/or part numbers)

General Description: 225kVA – 333kVA UPS

Mounting Description: Rigid base mounted.

Applicant Information

Applicant Company Name: TRU Compliance LLC

Contact Person: Derek J. Manwill, S.E.

Mailing Address: 960 SW Disk Dr., Suite 104, Bend, OR 97702

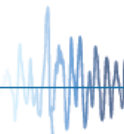
Telephone: 844.878.0200 Email: dmanwill@trucompliance.com

I hereby agree to reimburse the Office of Statewide Health Planning and Development review fees in accordance with the California Administrative Code, 2016.

Signature of Applicant:  Date: 12/1/2016

Title: Vice President Company Name: TRU Compliance LLC

"Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs"





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

Company Name: TRU Compliance LLC

Name: Derek J. Manwill, S.E. California License Number: S6266

Mailing Address: 960 SW Disk Dr., Suite 104, Bend, OR 97702

Telephone: 844.878.0200 Email: dmanwill@trucompliance.com

Supports and Attachments Preapproval

- Supports and attachments are preapproved under OPM- _____
(Separate application for OSHPD Preapproval of Manufacturer's Certification (OPM) of Supports and attachments is required)
- Supports and attachments are not preapproved

Certification Method

- Testing in accordance with: ICC-ES AC156
- Other (Please Specify): _____

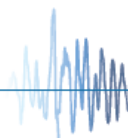
Testing Laboratory

Company Name: Environmental Testing Laboratory (ETL)

Contact Name: Paul E. Little

Mailing Address: 11034 Indian Trail, Dallas, TX 75229

Telephone: 972.247.9657 Email: paul@etldallas.com





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Seismic Parameters

Design in accordance with ASCE 7-10 Chapter 13: Yes No

Design Basis of Equipment or Components (F_p/W_p) = 1.5 ($S_{DS} = 2.0g$); 1.44 ($S_{DS} = 3.2g$)

S_{DS} (Design spectral response acceleration at short period, g) = 2.0 (z/h = 1.0); 3.2 (z/h = 0.0)

a_p (In-structure equipment or component amplification factor) = 2.5

R_p (Equipment or component response modification factor) = 6.0

Ω_0 (System overstrength factor) = 2.0

I_p (Importance factor) = 1.5

z/h (Height factor ratio) = 1.0 ($S_{DS} = 2.0g$); 0.0 ($S_{DS} = 3.2g$)

Equipment or Component Natural Frequencies (Hz) = See Attachment

Overall dimensions and weight (or range thereof) = See Attachment

Equipment or Components @ grade designed in accordance with ASCE 7-10 Chapter 15: Yes No

Design Basis of Equipment or Components (V/W) = _____

S_{DS} (Design spectral response acceleration at short period, g) = _____

S_{D1} (Design spectral response acceleration at 1 second period, g) = _____

R (Response modification coefficient) = _____

Ω_0 (System overstrength factor) = _____

C_d (Deflection amplification factor) = _____

I_p (Importance factor) = 1.5

Height to Center of Gravity above base = _____

Equipment or Component Natural Frequencies (Hz) = _____

Overall dimensions and weight (or range thereof) = _____

Tank(s) designed in accordance with ASME BPVC, 2015: Yes No

List of Attachments Supporting Special Seismic Certification

Test Report(s) Drawings Calculations Manufacturer's Catalog

Other(s) (Please Specify): Attachment A

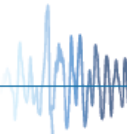
OSHPD Approval (For Office Use Only) – Approval Expires on December 31, 2022

Signature:  Date: 12/2/2016

Print Name: M. R. Karim Title: SHFR

Special Seismic Certification Valid Up to : S_{DS} (g) = See Above z/h = See Above

Condition of Approval (if applicable): _____



UNIT UNDER TEST (UUT) SUMMARY SHEET

TRU PROJECT NO. 16044



<i>Manufacturer:</i> Fuji Electric	UUT 1
<i>Model Line:</i> UPS7300WX-T3U	
<i>Model Number:</i> UPS7300WX-T3U/333KVA <i>Serial Number:</i> N/A	

Product Construction Summary:
Carbon steel cabinet, carbon steel frame, carbon steel base channel.

Options/Subcomponent Summary:
Single subcomponent configuration (all subcomponents are uniquely identified by model number).

UUT Properties

Weight (lb)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
2450	31.5	59.1	78.7	7.7	6.7	25.0

UUT Highest Passed Seismic Run Information

Building Code	Test Criteria	S _{DS} (g)	z/h	I _P	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2016	ICC-ES AC156	2.0	1.0	1.5	3.2	2.4		
		3.2	0.0	1.5			2.13	0.85

Test Mounting Details:



Rigid base mounted with (10) 3/4" Grade 8 bolts.
Unit maintained structural integrity and remained functional per manufacturer requirement **after shake table test**.
Contents were included in testing per operating conditions.