



OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION

APPLICATION FOR OSHPD SPECIAL SEISMIC
CERTIFICATION PREAPPROVAL (OSP)

OFFICE USE ONLY
APPLICATION #: OSP - 0579 - 10

OSHPD Special Seismic Certification Preapproval (OSP)

Type: [X] New [] Renewal

Manufacturer Information

Manufacturer: Schneider Electric IT Business India Private Limited
Manufacturer's Technical Representative: Muthuvel Sudalaimani
Mailing Address: Bommasandra Jigani Link Road, 4th Phase, Bommasandra Industrial Area, Bangalore-562106
Telephone: +91 8067361000 Ext: 61338 Email: Muthuvel.Sudalaimani@se.com

Product Information

Product Name: SUVTR Smart UPS
Product Type: Uninterruptible Power Supply
Product Model Number: SUVTR80K20G2B
General Description: Single configuration - 80KVA UPS
Mounting Description: Base Mount - Rigid

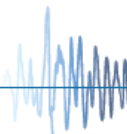
Applicant Information

Applicant Company Name: TRU Compliance, by Structural Integrity Associates, Inc.
Contact Person: Galen Reid
Mailing Address: 5215 Hellyer Ave, Suite 210, San Jose, CA 95138
Telephone: 844-878-0200 Email: greid@structint.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: [Handwritten Signature] Date: 9/19/2018
Title: Senior Engineer Company Name: TRU Compliance, by Structural Integrity Associates, Inc.

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





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

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

Company Name: TRU Compliance, by Structural Integrity Associates, Inc.

Name: Andrew M. Coughlin California License Number: S6082

Mailing Address: 5215 Hellyer Ave., Suite 210, San Jose, CA 95138

Telephone: 844-878-0200 Email: acoughlin@structint.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): _____

OSP-0579-10

BY: Ali Sumer

DATE: 08/16/2019

Testing Laboratory

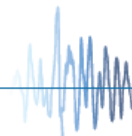
Company Name: Central Power Research Institute, Earthquake Engineering and Vibration Research Centre

Contact Name: R.P. Selvam

Mailing Address: PB. No. 8066, Sadashivanagar P.O., Bengaluru -560 080, Karnataka, India

Telephone: + 91-9740359633 Email: selvam@cpri.in

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





OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION

Seismic Parameters

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

Design Basis of Equipment or Components (Fp/Wp) = 0.85 (SDS = 1.13); 0.69 (SDS = 1.54)

SDS (Design spectral response acceleration at short period, g) = 1.13 (z/h = 1.0); 1.54 (z/h = 0.0)

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

Rp (Equipment or component response modification factor) = 6.0

Omega_0 (System overstrength factor) = 2.0

Ip (Importance factor) = 1.5

z/h (Height factor ratio) = 1.0 (Sds = 1.13); 0.0 (Sds = 1.54)

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 [X] No

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

SDS (Design spectral response acceleration at short period, g) =

SD1 (Design spectral response acceleration at 1 second period, g) =

R (Response modification coefficient) = OSP-0579-10

Omega_0 (System overstrength factor) =

Cd (Deflection amplification factor) = BY: Ali Sumer

Ip (Importance factor) = 1.5

Height to Center of Gravity above base = DATE: 08/16/2019

Equipment or Component Natural Frequencies (Hz) =

Overall dimensions and weight (or range thereof) =

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

List of Attachments Supporting Special Seismic Certification

[X] Test Report(s) [] Drawings [] Calculations [] Manufacturer's Catalog

[X] Other(s) (Please Specify): Attachment

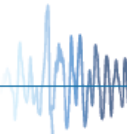
OSHPD Approval (For Office Use Only) - Approval Expires on December 31, 2022

Signature: [Signature] Date: August, 15, 2019

Print Name: Ali Sumer Title: DSE

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

Condition of Approval (if applicable):



SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX

TRU PROJECT NO. 1701564



Manufacturer: Schneider Electric	TABLE 1
Model Line: SUVT 80kVA Smart-UPS	

Certified Product Construction Summary:

NEMA Type 1, Carbon Steel Sheet

Certified Options Summary:

Single configuration. The model number uniquely identifies subcomponents.

Mounting Configuration:

Base mounted - rigid

Note: Installed mounting configuration must be of similar configuration and equivalent strength and stiffness to those tested.

Building Codes:	IBC 2015 CBC 2016	Seismic Certification Limits:	$S_{DS} = 1.13 g$ $1.54 g$	$z/h=1.0$ $z/h=0$	$I_p = 1.5$
------------------------	----------------------	--------------------------------------	-------------------------------	----------------------	-------------

Model Line	Model	Dimensions (in)			Weight (lb)	Notes	UUT
		Depth	Width	Height			
SUVT Smart UPS	SUVTR80K20G2B	42	24	79	1984		1

UNIT UNDER TEST (UUT) SUMMARY SHEET

TRU PROJECT NO. 1701564



Manufacturer: Schneider Electric
Model Line: SUVT 80kVA Smart-UPS

UUT	Unit Description	Report Number	Testing Laboratory	S _{DS}	z/h	I _p
1	SUVTR80K20G2B	CPRIBLREVRC1819T0075	Central Power Research Institute	1.13 1.54	1.0 0.0	1.5

OSP-0579-10
Ali Sumer
08/16/2019

Notes:

