



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

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

OFFICE USE ONLY

APPLICATION #: **OSP – 0418**

OSHPD Special Seismic Certification Preapproval (OSP)

Type: New Renewal

Manufacturer Information

Manufacturer: RF Technologies Inc.

Manufacturer's Technical Representative: John LaBorde

Mailing Address: 3125 N 126th St, Brookfield, WI 53005

Telephone: 262-373-5112

Email: plarson@rft.com

Product Information

Product Name: Central Power Supply, 15VDC, 9A, Class II

Product Type: Used with Code Alert and Safe Place Solutions

Product Model Number: Part No. 9450-0555

(List all unique product identification numbers and/or part numbers)

General Description: Connects multiple components to one central power source. Used with fire alarm systems and call stations.

Mounting Description: Rigid Wall Mount.

Applicant Information

Applicant Company Name: **EASE**


Contact Person: Jonathan Roberson, S.E.

Mailing Address: 5877 Pine Ave, Suite 210, Chino Hills, CA. 91709

Telephone: (909) 606-7622

Email: j.roberson@easeco.com

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

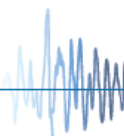
Signature of Applicant: 

Date: December 6, 2019

Title: Principal Structural Engineer

Company Name: **EASE**

"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: EASE

Name: Jonathan Roberson, S.E. California License Number: S4197

Mailing Address: 5877 Pine Ave, Suite 210, Chino Hills, CA. 91709

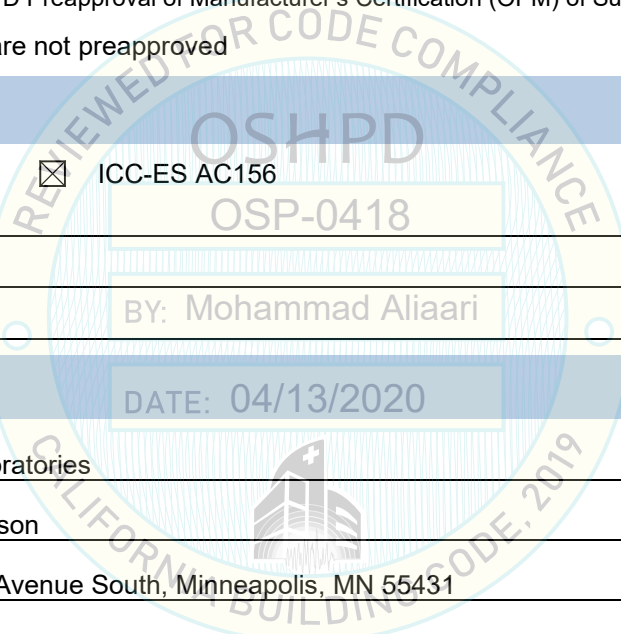
Telephone: (909) 606-7622 Email: j.roberson@easeco.com

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): _____



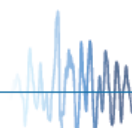
Testing Laboratory

Company Name: Environ Laboratories

Contact Name: Kent L. Erickson

Mailing Address: 9725 Girard Avenue South, Minneapolis, MN 55431

Telephone: 952-888-7795 Email: KLE@environlab.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) = 1.80

S_{DS} (Design spectral response acceleration at short period, g) = 2.50

a_p (In-structure equipment or component amplification factor) = 1

R_p (Equipment or component response modification factor) = 2.5

Ω_0 (System overstrength factor) = 2

I_p (Importance factor) = 1.5

z/h (Height factor ratio) = 1

Equipment or Component Natural Frequencies (Hz) = N/A

Overall dimensions and weight (or range thereof) = 6" deep x 16" wide x 16" high; 30 lbs

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) = by: Mohammad Aliaari

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 1.

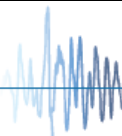
OSHPD Approval (For Office Use Only) – Approval Expires on December 31, 2025

Signature: M. Aliaari Date: April 13, 2020

Print Name: Mohammad Aliaari Title: SSE

Special Seismic Certification Valid Up to : S_{DS} (g) = 2.50 z/h = 1

Condition of Approval (if applicable): _____



ATTACHMENT 1: TEST SPECIMEN SUMMARY

UUT-1 Class II Central Power Supply, 15 VDC 9 A						
<i>Manufacturer:</i>		RF Technologies, Inc				
<i>Identification:</i>		Part No. 9450-0555				
<i>Description:</i>		Enclosure is constructed out of 16 gage (0.060") cold rolled carbon steel. ASTM A366. Internal components do not vary. Evaluation is limited to configuration tested.				
<i>Mounting:</i>		Rigid Wall Mount using (4) 1/4-20 stainless steel thru bolts to test fixture. Alloy groups 1, 2, or 3 (300 series only), condition A, Fy = 30 ksi, Fu = 75 ksi minimum.				
Dimensions (in.)				Lowest Resonant Frequency (Hz.)		
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
6	16	16	30	N/A*	N/A*	N/A*
ICC-ES AC156 Shake Table Test Parameters						Code: 2016 CBC
S _{DS} (G)	z/h	I _P	A _{FLX-H} (G)	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)
2.5	1	1.5	3.98	2.99	1.66	0.67
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test. N/A* - indicates that the natural frequencies of the UUT were dominated by the test table fixture.						



DATE: 04/13/2020

