APPLICATION FOR OSHPD SPECIAL SEISMIC CERTIFICATION PREAPPROVAL (OSP)

OSHPD Special Seismic Certification Preapproval (OSP)

Type: [ ] New  [x] Renewal

Manufacturer Information

Manufacturer: Schneider Electric

Manufacturer’s Technical Representative: Kristian Silberbauer

Mailing Address: Silcon Alle 1, DK-6000 Kolding, Denmark

Telephone: +45 72 19 01 65  Email: Kristian.silberbauer@schneider-electric.com

Product Information

Product Name: Galaxy VS

Product Type: UPS and Maintenance Bypass Cabinets with Transformer

Product Model Number: See Certified Product Listing Tables

General Description: Electrical UPS and maintenance bypass cabinets constructed of sheet metal enclosures.

Mounting Description: Base mounted 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: ___________________________  Date: 9/5/2018

Title: Senior Engineer  Company Name: TRU Compliance, by Structural Integrity Associates, Inc.
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 SE
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): ____________________________

Testing Laboratory

Company Name: National Technical Systems - Huntsville

Contact Name: Greg Mason

Mailing Address: 7800 Highway 20 West, Huntsville, AL 35806

Telephone: (256) 837-4411
Email: Greg.Mason@nts.com
Seismic Parameters

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

Design Basis of Equipment or Components (Fp/Wp) =  1.09 (Sds = 1.45g, z/h = 1.0); 0.90 (Sds = 2.0g, z/h = 0.0)

Sds (Design spectral response acceleration at short period, g) =  1.45 (z/h = 1.0); 2.0 (z/h = 0.0)

R (Response modification coefficient) =

Ω0 (System overstrength factor) = 2.0

Ω (Importance factor) = 1.5

z/h (Height factor ratio) =  1.0 (Sds = 1.45g); 0.0 (Sds = 2.0g)

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) =

S0s (Design spectral response acceleration at short period, g) =

S1 (Design spectral response acceleration at 1 second period, g) =

R (Response modification coefficient) =

Ω (System overstrength factor) =

Ω (Deflection amplification factor) =

Ω (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, 4-point letter

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

Signature: Ali Sumer

Print Name: Ali Sumer

Date: May 10, 2019

Title: DSE

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

Condition of Approval (if applicable):
Manufacturer: Schneider Electric
Model Line: Galaxy VS

Certified Product Construction Summary:
Carbon Steel frame and panels.
All UPS models have identical internal components with either 1 or 2 power modules.

Certified Options Summary:
UPS - Standalone or ganged to MBC.
MBC - Ganged to UPS only

Mounting Configuration:
Base mounted - rigid
Note: Installed mounting configuration must be of similar configuration and equivalent strength and stiffness to those tested.

Building Code: CBC 2016
Seismic Certification Limits:
\[ S_{DS} = 1.45 \text{ g} \quad z/h=1.0 \]
\[ S_{DS} = 2.00 \text{ g} \quad z/h=0.0 \]
\[ I_{r}= 1.5 \]

<table>
<thead>
<tr>
<th>Model Line</th>
<th>Model</th>
<th>Dimensions (in)</th>
<th>Weight (lb)</th>
<th>Notes</th>
<th>UUT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Galaxy VS (208 V)</td>
<td>GVSUPS10KFS</td>
<td>33.3 20.5 58.5</td>
<td>485</td>
<td>1 Power Module</td>
<td>Interp.</td>
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<td>GVSUPS15KFS</td>
<td>33.3 20.5 58.5</td>
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<td>1 Power Module</td>
<td>Interp.</td>
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<td>1 Power Module</td>
<td>Interp.</td>
</tr>
<tr>
<td>Galaxy VS (208 V)</td>
<td>GVSUPS25KFS</td>
<td>33.3 20.5 58.5</td>
<td>485</td>
<td>1 Power Module</td>
<td>4</td>
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<td>Galaxy VS (208 V)</td>
<td>GVSUPS30KFS</td>
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<td>2 Power Modules</td>
<td>Interp.</td>
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<td>GVSUPS40KFS</td>
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<td>Galaxy VS (208 V)</td>
<td>GVSUPS50KFS</td>
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<td>Galaxy VS (208 V)</td>
<td>GVSUPS100KGS</td>
<td>33.3 20.5 58.5</td>
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<td>2 Power Modules</td>
<td>1,2,3,5</td>
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<tr>
<td>Maintenance Bypass Cabinet (MBC)</td>
<td>GVSBU150G</td>
<td>33.3 11.8 58.5</td>
<td>243</td>
<td>208V: 10-40kW, 480V: 80-180kW</td>
<td>Extrap.</td>
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<tr>
<td>MBC with Input Transformer</td>
<td>GVSBU25</td>
<td>33.3 23.6 58.5</td>
<td>771</td>
<td>25kW, 480V/600V IN</td>
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<tr>
<td>MBC with Output Transformer</td>
<td>GVSBU100</td>
<td>33.3 23.6 58.5</td>
<td>1367</td>
<td>100kW, 480V IN</td>
<td>3,5</td>
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</tbody>
</table>
### SPECIAL SEISMIC CERTIFICATION
CERTIFIED SUBCOMPONENT MATRIX

1800365-CR-001 R1

**Manufacturer:** Schneider Electric  
**Model Line:** Galaxy VS

<table>
<thead>
<tr>
<th>Component Type</th>
<th>Manufacturer</th>
<th>Model</th>
<th>Description</th>
<th>Notes</th>
<th>UUT</th>
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<tbody>
<tr>
<td>Circuit Breakers</td>
<td>Square D</td>
<td>HJF36150CU31X</td>
<td>MCCB 150A 600VAC 3P H FRAME 65KA</td>
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<tr>
<td></td>
<td></td>
<td>JLF36250CU31X</td>
<td>MCCB 250A 600VAC 3P J FRAME 65KA</td>
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<td></td>
<td>LJJF36400CU31X</td>
<td>MCCB 400A 600VAC 3P L FRAME 65KA</td>
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<tr>
<td>Power Supply Units</td>
<td>Schneider Electric</td>
<td>0N-96782</td>
<td>ASSY PSU-CONNECTION BOX</td>
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<td>1,2,3,4,5</td>
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<tr>
<td></td>
<td>Schneider Electric</td>
<td>0N-96783</td>
<td>Controller box</td>
<td></td>
<td>1,2,3,4,5</td>
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<tr>
<td>Power Module</td>
<td>Schneider Electric</td>
<td>0G-PM50KD</td>
<td>ASSY GENERIC POWER MODULE 50KW AGILIS</td>
<td></td>
<td>1,2,3,4,5</td>
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<tr>
<td>Contactor</td>
<td>Schneider Electric</td>
<td>LC1D65A6BDS304</td>
<td>CONTACTOR 91A 24VDC 3 POLES BUSBAR ROHS</td>
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<td>1,2,3,4,5</td>
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<tr>
<td></td>
<td></td>
<td>LC1F150BD</td>
<td>CONTACTOR 3P AC3-150A,440VAC COIL 24VDC</td>
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<tr>
<td>Switches</td>
<td>Schneider Electric</td>
<td>LV431629</td>
<td>SWITCH-DISCONNECTOR COMPACT NSX250NA</td>
<td></td>
<td>1,2,3,4,5</td>
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<tr>
<td>Static Bypass Switch</td>
<td>Schneider Electric</td>
<td>0G-SBS100KD</td>
<td>SBS100KVA MODULE AGILIS</td>
<td></td>
<td>1,2,3,4,5</td>
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<tr>
<td>Fuses</td>
<td>MERSEN</td>
<td>A330188</td>
<td>FUS 315A AR SCW 100X48X20</td>
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<td>1,2,3,4,5</td>
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<tr>
<td>Transformers</td>
<td>Jinggquanhai Electronics</td>
<td>TP-0030-0542</td>
<td>30kVA, 3-Phase, Cu windings, 430 lbs.</td>
<td>Extrap.</td>
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<tr>
<td></td>
<td></td>
<td>TP-0030-0457</td>
<td>30kVA, 3-Phase, Cu windings, 489 lbs.</td>
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<tr>
<td></td>
<td></td>
<td>TP-0060-0547</td>
<td>60kVA, 3-Phase, Cu windings, 750 lbs.</td>
<td>Interp.</td>
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<tr>
<td></td>
<td></td>
<td>TP-0060-0458</td>
<td>60kVA, 3-Phase, Cu windings, 805 lbs.</td>
<td>Interp.</td>
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<td></td>
<td>TP-0100-0459</td>
<td>100kVA, 3-Phase, Cu windings, 1157 lbs.</td>
<td>3,5</td>
<td></td>
</tr>
</tbody>
</table>

**Seismic Certification Limits:**

$S_{DS} = 1.45 \text{ g} \quad z/h = 1.0 \quad I_p = 1.5$

$S_{DS} = 2.00 \text{ g} \quad z/h = 0.0$

**Building Code:** CBC 2016

**Table Description:** Electrical Components

**Notes:**

- TRU Compliance, by Structural Integrity Associates, Inc.
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# SPECIAL SEISMIC CERTIFICATION
## CERTIFIED SUBCOMPONENT MATRIX

**1800365-CR-001 R1**

**Manufacturer:** Schneider Electric  
**Model Line:** Galaxy VS

### TABLE 3

<table>
<thead>
<tr>
<th>Component Type</th>
<th>Manufacturer</th>
<th>Model</th>
<th>Description</th>
<th>Notes</th>
<th>UUT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seismic Kits</td>
<td>Schneider Electric</td>
<td>GVSOPT002</td>
<td>Seismic Kit for Wide UPS or Modular Battery Cabinet</td>
<td></td>
<td>1,2,3,4,5</td>
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<tr>
<td></td>
<td></td>
<td>GVSOPT003</td>
<td>Seismic Kit for Narrow Bypass Floormount</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>GVSOPT008</td>
<td>Seismic Kit for Transformer Cabinet</td>
<td></td>
<td>3,4,5</td>
</tr>
<tr>
<td>Kirk Key Kit</td>
<td>Schneider Electric</td>
<td>GVSOPT004</td>
<td>Kirk Key Kit for Maintenance Bypass</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GVSOPT007</td>
<td>Kirk Key Kit for Transformer Cabinet</td>
<td></td>
<td>3,5</td>
</tr>
</tbody>
</table>

**Building Code:** CBC 2016  
**Seismic Certification Limits:**

- $S_{DS} = 1.45 \text{ g} \quad z/h = 1.0$
- $S_{DS} = 2.00 \text{ g} \quad z/h = 0.0$
- $I_p = 1.5$

**Table Description:** Optional Components

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OSP-0572-10

Ali Sumer

05/13/2019

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### UNIT UNDER TEST (UUT) SUMMARY SHEET

**1800365-CR-001 R1**

<table>
<thead>
<tr>
<th>Manufacturer:</th>
<th>Schneider Electric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model Line:</td>
<td>Galaxy VS</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UUT</th>
<th>Unit Description</th>
<th>Report Number</th>
<th>Testing Laboratory</th>
<th>$S_0$</th>
<th>$z/h$</th>
<th>$I_p$</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Galaxy VS 100kW UPS with 150kW MBC</td>
<td>PR079655-TR-18 &amp; Addendum 1_R1</td>
<td>NTS - Huntsville</td>
<td>1.45</td>
<td>2.00</td>
<td>1.0</td>
</tr>
<tr>
<td>2</td>
<td>Galaxy VS100kW UPS</td>
<td>PR079655-TR-18 (UUT2a) &amp; Addendum 1_R1</td>
<td>NTS - Huntsville</td>
<td>1.45</td>
<td>2.00</td>
<td>1.0</td>
</tr>
<tr>
<td>3</td>
<td>Galaxy VS 100kW UPS w/100kW MBC &amp; output transformer</td>
<td>PR079655-TR-18 &amp; Addendum 1_R1</td>
<td>NTS - Huntsville</td>
<td>1.45</td>
<td>2.00</td>
<td>1.0</td>
</tr>
<tr>
<td>4</td>
<td>Galaxy VS 25kW UPS w/25kW MBC</td>
<td>PR079655-TR-18 &amp; Addendum 1_R1</td>
<td>NTS - Huntsville</td>
<td>1.45</td>
<td>2.00</td>
<td>1.0</td>
</tr>
<tr>
<td>5</td>
<td>Galaxy VS 100kW UPS w/100kW MBC</td>
<td>PR087029-01TR Rev. 1 (UUT1) &amp; Addendum 1_R1</td>
<td>NTS - Huntsville</td>
<td>1.45</td>
<td>2.00</td>
<td>1.0</td>
</tr>
</tbody>
</table>

**Notes:**

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The UUT was rigid-base mounted using customer provided seismic kit (PN:GVSP00T002 and GVSP00T003). The seismic kit mounting details can be found on the following page. M8 bolts were torqued to 21 Nm. M10 bolts were torqued to 42 Nm. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.
# UNIT UNDER TEST (UUT) SUMMARY SHEET

## 1800365-CR-001 R1

<table>
<thead>
<tr>
<th>Manufacturer:</th>
<th>Schneider Electric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model Line:</td>
<td>Galaxy VS</td>
</tr>
<tr>
<td>Model Number:</td>
<td>GVSUPS100KGS w/GVSBU150G</td>
</tr>
<tr>
<td>Serial Number:</td>
<td>N/A</td>
</tr>
</tbody>
</table>

## Seismic Mounting Kit Details:

- **Rear Bracket:** mounted to UUT with seven (7) M8 bolts.
- **Front Bracket:** mounted to UUT with seven (7) M8 bolts.
- **Rear latches:** mounted to the shake table with five (5) M10 bolts.
- **Rear Plate:** bolts together rear latches with four (4) M8 bolts.
- **Front Bracket:** mounted to the shake table with six (6) M10 bolts.
UNIT UNDER TEST (UUT)  
SUMMARY SHEET

1800365-CR-001 R1

Manufacturer: Schneider Electric  
Model Line: Galaxy VS  
Model Number: GVSUPS100KGS  
Serial Number: N/A

Product Construction Summary:  
100kW UPS  
Carbon steel frame and panels

Options/Subcomponent Summary:  
(2) Power Modules, 91A 24VDC 3-pole contactor, 400A L-frame breaker, 250A J-frame breaker, Power Supply, 150A 440VAC 3-pole contactor, Connection Box, Controller Box, 315A Fuse, Static Bypass switch, Seismic kit

UUT Properties

<table>
<thead>
<tr>
<th>Weight (lb)</th>
<th>Depth</th>
<th>Width</th>
<th>Height</th>
<th>Front-Back</th>
<th>Side-Side</th>
<th>Vertical</th>
</tr>
</thead>
<tbody>
<tr>
<td>551</td>
<td>33.3</td>
<td>20.5</td>
<td>58.5</td>
<td>15.9</td>
<td>6.1</td>
<td>&gt;33.3</td>
</tr>
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</table>

UUT Highest Passed Seismic Run Information

<table>
<thead>
<tr>
<th>Building Code</th>
<th>Test Criteria</th>
<th>S_{DS} (g)</th>
<th>z/h</th>
<th>I_p</th>
<th>A_{FLX-H} (g)</th>
<th>A_{RIG-H} (g)</th>
<th>A_{FLX-V} (g)</th>
<th>A_{RIG-V} (g)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CBC 2016</td>
<td>ICC-ES AC156</td>
<td>1.45</td>
<td>1.0</td>
<td>1.5</td>
<td>2.32</td>
<td>1.74</td>
<td>1.33</td>
<td>0.53</td>
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</tbody>
</table>

Test Mounting Details:

The UUT was rigid-base mounted using customer provided seismic kit (PN: GVSOPT002). The seismic kit mounting details can be found on the following page. M8 bolts were torqued to 21 Nm. M10 bolts were torqued to 42 Nm. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.
**UNIT UNDER TEST (UUT)**

### SUMMARY SHEET

**1800365-CR-001 R1**

<table>
<thead>
<tr>
<th>Manufacturer:</th>
<th>Schneider Electric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model Line:</td>
<td>Galaxy VS</td>
</tr>
<tr>
<td>Model Number:</td>
<td>GVSUPS100KGS</td>
</tr>
<tr>
<td>Serial Number:</td>
<td>N/A</td>
</tr>
</tbody>
</table>

#### Seismic Mounting Kit Details:

- **Rear Bracket:** mounted to UUT with four (4) M8 bolts
- **Front Bracket:** mounted to the shake table with four (4) M10 bolts.
- **Rear latches:** mounted to the shake table with four (4) M10 bolts.
- **Front Bracket:** mounted to the shake table with four (4) M10 bolts.

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UNIT UNDER TEST (UUT)  
SUMMARY SHEET  
1800365-CR-001 R1

**Manufacturer:** Schneider Electric  
**Model Line:** Galaxy VS  
**Model Number:** GVSUP100KGS w/GVSBPOT100  
**Serial Number:** N/A

**Product Construction Summary:**
100kW UPS with 100kW MBC and output transformer  
Carbon steel frame and panels

**Options/Subcomponent Summary:**
(2) Power Modules, 91A 24VDC 3-pole contactor, 250A J-frame breaker, Power Supply, 150A 440VAC 3-pole contactor, Connection Box, Controller Box, 315A Fuse, Static Bypass switch, 100kVA Transformer, Seismic kit

<table>
<thead>
<tr>
<th><strong>UUT Properties</strong></th>
<th><strong>Dimension (in)</strong></th>
<th><strong>Lowest Natural Frequency (Hz)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Weight (lb)</strong></td>
<td><strong>Depth</strong></td>
<td><strong>Width</strong></td>
</tr>
<tr>
<td>1918</td>
<td>33.3</td>
<td>44.1</td>
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**UUT Highest Passed Seismic Run Information**

<table>
<thead>
<tr>
<th>Building Code</th>
<th>Test Criteria</th>
<th>$S_{DS}$ (g)</th>
<th>$z/h$</th>
<th>$I_p$</th>
<th>$A_{FLX-H}$ (g)</th>
<th>$A_{RIG-H}$ (g)</th>
<th>$A_{FLX-V}$ (g)</th>
<th>$A_{RIG-V}$ (g)</th>
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<tr>
<td>CBC 2016</td>
<td>ICC-ES AC156</td>
<td>1.45</td>
<td>1.0</td>
<td>1.5</td>
<td>2.32</td>
<td>1.74</td>
<td>1.33</td>
<td>0.53</td>
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</table>

**Test Mounting Details:**

The UUT was rigid-base mounted using customer provided seismic kit (GVSOPT002 and GVSOPT008). The seismic kit mounting details can be found on the following page. M8 bolts were torqued to 21 Nm. M10 bolts were torqued to 42 Nm.  
Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test.  
Contents were included in testing per operating conditions.
UNIT UNDER TEST (UUT)  
SUMMARY SHEET  
1800365-CR-001 R1

Manufacturer: Schneider Electric  
Model Line: Galaxy VS  
Model Number: GVSUPS100KGS w/GVSBPOT100  
Serial Number: N/A

Seismic Mounting Kit Details:

- **Rear Bracket:** mounted to UUT with nine (9) M8 bolts
- **Front Bracket:** mounted to UUT with nine (9) M8 bolts
- **Rear latches:** mounted to the shake table with seven (7) M10 bolts.
- **Rear Plate:** bolts together rear latches with four (4) M8 bolts
- **Front Bracket:** mounted to the shake table with eight (8) M10 bolts.

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Test Mounting Details:

The UUT was rigid-base mounted using customer provided seismic kit (GVSOPT002 and GVSOPT008). The seismic kit mounting details can be found on the following page. M8 bolts were torqued to 21 Nm. M10 bolts were torqued to 42 Nm. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.
## UNIT UNDER TEST (UUT) SUMMARY SHEET

**1800365-CR-001 R1**

<table>
<thead>
<tr>
<th>Manufacturer:</th>
<th>Schneider Electric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model Line:</td>
<td>Galaxy VS</td>
</tr>
<tr>
<td>Model Number:</td>
<td>GVSUPS25KFS w/GVSBPIT25</td>
</tr>
<tr>
<td>Serial Number:</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### Seismic Mounting Kit Details:

- **Rear Bracket:** mounted to UUT with nine (9) M8 bolts.
- **Front Bracket:** mounted to UUT with nine (9) M8 bolts.
- **Rear latches:** mounted to the shake table with seven (7) M10 bolts.
- **Rear Plate:** bolts together rear latches with four (4) M8 bolts.
- **Front Bracket:** mounted to the shake table with eight (8) M10 bolts.

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UNIT UNDER TEST (UUT) SUMMARY SHEET

1800365-CR-001 R1

Manufacturer: Schneider Electric
Model Line: Galaxy VS
Model Number: GVSUPS100KGS w/GVSBPOT100
Serial Number: N/A

Product Construction Summary:
100kW UPS with 100kW MBC and input transformer
Carbon steel frame and panels

Options/Subcomponent Summary:
(2) 50kW Power Modules, 91A 24VDC 3-pole contactor, 250A J-frame breaker, Power Supply, 150A 440VAC 3-pole contactor, Connection Box, Controller Box, 315A Fuse, Static Bypass switch, 100kVA Transformer, Seismic kit

Tests Mounting Details:
The UUT was rigid-base mounted using customer provided seismic kit (GVSOPT002 and GVSOPT008). The seismic kit mounting details can be found on the following page. M8 bolts were torqued to 21 Nm. M10 bolts were torqued to 42 Nm.
Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test.
Contents were included in testing per operating conditions.
## UNIT UNDER TEST (UUT) SUMMARY SHEET

**1800365-CR-001 R1**

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<td>Model Line:</td>
<td>Galaxy VS</td>
</tr>
<tr>
<td>Model Number:</td>
<td>GVSUPS100KGS w/GVSBPOT100</td>
</tr>
</tbody>
</table>

### Seismic Mounting Kit Details:

- **Rear Bracket:** mounted to UUT with nine (9) M8 bolts
- **Front Bracket:** mounted to UUT with nine (9) M8 bolts
- **Rear latches:** mounted to the shake table with seven (7) M10 bolts
- **Rear Plate:** bolts together rear latches with four (4) M8 bolts
- **Front Bracket:** mounted to the shake table with eight (8) M10 bolts