



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

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

OFFICE USE ONLY

**APPLICATION #: OSP-0695**

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

Type:  New  Renewal

**Manufacturer Information**

Manufacturer: Otis Elevator

Manufacturer's Technical Representative: Paul Stranieri

Mailing Address: 5 Farm Springs Rd, Farmington, CT 06032

Telephone: On File Email: On File

**Product Information**

Product Name: Elevator Equipment

Product Type: Elevator Control Panels

Product Model Number: 5Compass Dispatchers

General Description: Component receives user elevator call requests from the user interface and routes the calls to the appropriate elevator car controller

Mounting Description: Rigid, Floor Mounted

Tested Seismic Enhancements: None

**Applicant Information**

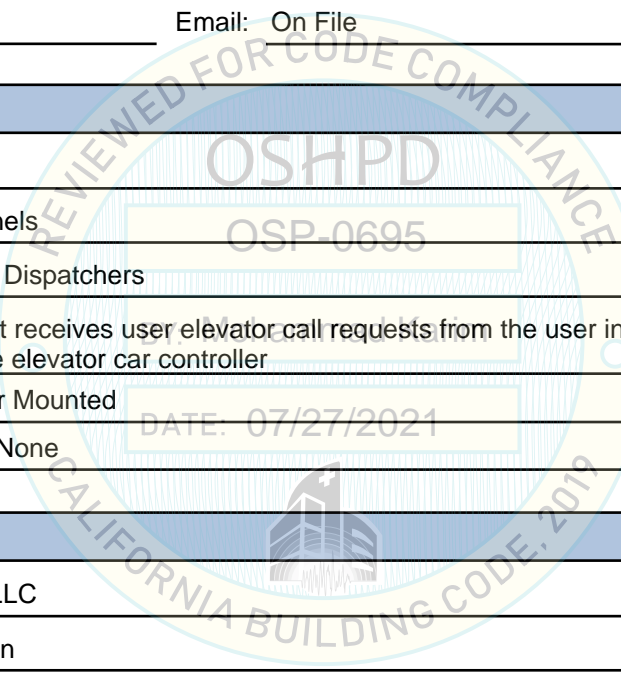
Applicant Company Name: EASE LLC

Contact Person: Jonathan Roberson

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

Telephone: (909) 606-7622 Email: jon@EASECo.com

Title: Principal Engineer





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

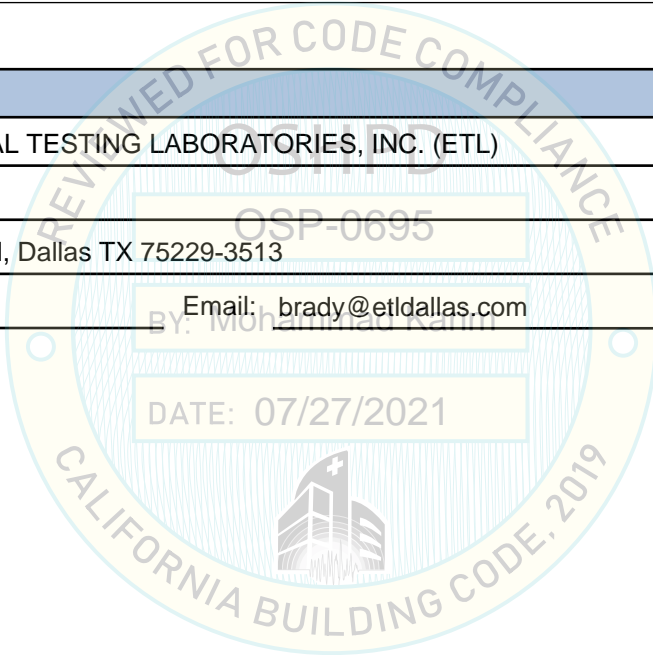
Company Name: EASE  
Name: Jonathan Roberson California License Number: S4197  
Mailing Address: 5877 Pine Ave., Suite 210, Chino Hills, CA 91709  
Telephone: (951) 295-1892 Email: jon@EASECo.com

**Certification Method**

GR-63-Core     ICC-ES AC156     IEEE 344     IEEE 693     NEBS 3  
 Other (Please Specify): \_\_\_\_\_

**Testing Laboratory**

Company Name: ENVIRONMENTAL TESTING LABORATORIES, INC. (ETL)  
Contact Person: Brady Richard  
Mailing Address: 11034 Indian Trail, Dallas TX 75229-3513  
Telephone: (972) 247-9657 Email: brady@etldallas.com





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**Seismic Parameters**

Design Basis of Equipment or Components ( $F_p/W_p$ ) = 1.44 and 1.13

SDS (Design spectral response acceleration at short period, g) = 2.0 and 2.5

$a_p$  (Amplification factor) = 1

$R_p$  (Response modification factor) = 2.5

$\Omega_0$  (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

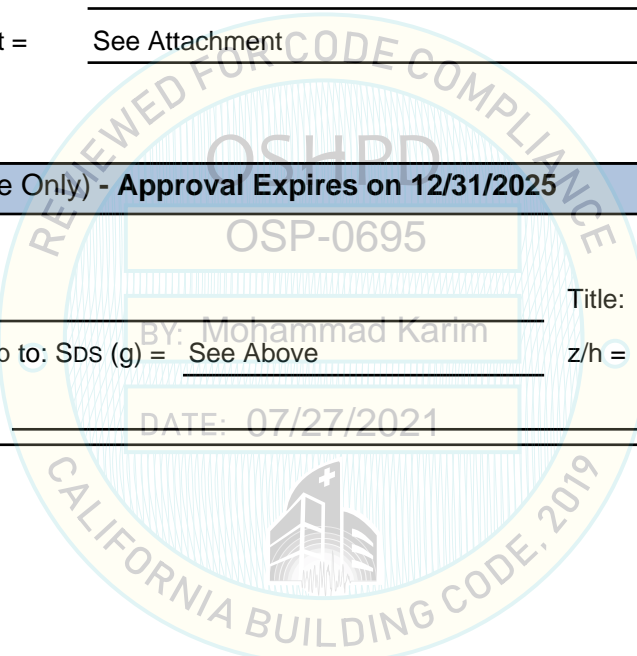
**OSHPD Approval (For Office Use Only) - Approval Expires on 12/31/2025**

Date: 7/27/2021

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: 07/27/2021



**ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS**


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**TABLE 1:**

Manufacturer		Otis Elevator Company							S <sub>DS</sub> = 2.0 at z/h = 1 S <sub>DS</sub> = 2.5 at z/h = 0			
Product Type		Elevator Components										
COMPONENT	PART NUMBER	APPROX. DIMENSIONS (IN.)			APPROX. WT. (LB.)	MOUNT	BASIS <sup>[1]</sup>	F <sub>P</sub> /W <sub>P</sub>	a <sub>P</sub>	R <sub>P</sub>	Ω <sub>0</sub>	
		W	D	H								
<b>COMPASS DISPATCHERS</b>												
Compass Dispatcher (600W 48V 8 PORT ETHERNET) [2]	AAA25300AV5	15.3	7.9	55.0	101.5	Rigid Base	UUT-2006-1	1.44 1.13	1	2 ½	2.0	
Compass Dispatcher (300W 48V 5 PORT ETHERNET) [2]	AAA25300AV1	15.3	7.9	55.0	101.5	Rigid Base	INT	1.44 1.13	1	2 ½	2.0	
Compass Dispatcher (300W 48V 8 PORT ETHERNET) [2]	AAA25300AV2	15.3	7.9	55.0	101.5	Rigid Base	INT	1.44 1.13	1	2 ½	2.0	
Compass Dispatcher (300W 48V 16 PORT ETHERNET) [2]	AAA25300AV3	15.3	7.9	55.0	101.5	Rigid Base	INT	1.44 1.13	1	2 ½	2.0	
Compass Dispatcher (600W 48V 5 PORT ETHERNET) [2]	AAA25300AV4	15.3	7.9	55.0	101.5	Rigid Base	INT	1.44 1.13	1	2 ½	2.0	
Compass Dispatcher (600W 48V 16 PORT ETHERNET) [2]	AAA25300AV6	15.3	7.9	55.0	101.5	Rigid Base	INT	1.44 1.13	1	2 ½	2.0	
Compass Dispatcher (900W 48V 5 PORT ETHERNET) [2]	AAA25300AV7	15.3	7.9	55.0	112.5	Rigid Base	INT	1.44 1.13	1	2 ½	2.0	
Compass Dispatcher (900W 48V 8 PORT ETHERNET) [2]	AAA25300AV8	15.3	7.9	55.0	112.5	Rigid Base	INT	1.44 1.13	1	2 ½	2.0	
Compass Dispatcher (900W 48V 16 PORT ETHERNET) [2]	AAA25300AV9	15.3	7.9	55.0	112.5	Rigid Base	INT	1.44 1.13	1	2 ½	2.0	
Compass Dispatcher (1200W 48V 5 PORT ETHERNET) [2]	AAA25300AV10	15.3	7.9	55.0	112.5	Rigid Base	INT	1.44 1.13	1	2 ½	2.0	
Compass Dispatcher (1200W 48V 8 PORT ETHERNET) [2]	AAA25300AV11	15.3	7.9	55.0	112.5	Rigid Base	INT	1.44 1.13	1	2 ½	2.0	
Compass Dispatcher (1200W 48V 16 PORT ETHERNET) [2]	AAA25300AV12	15.3	7.9	55.0	112.5	Rigid Base	UUT-2006-2	1.44 1.13	1	2 ½	2.0	
<b>Mount</b>	RIGID BASE: free-standing, base-mounted tower configuration with the component rigidly attached to a supporting structure and no lateral support above the base.											
<b>Notes</b>	1. BASIS: <ul style="list-style-type: none"> <li>• UUT#: Indicates that a test specimen matching these characteristics was tested as part of this testing program.</li> <li>• "INT" (Interpolated or Extrapolated) indicates model of equipment not specifically tested for which seismic qualification is established through testing of similar models in the product line.</li> </ul> 2. Requires use of OTIS Compass Dispatcher Seismic Kit P/N: AAA471PY1											

**ATTACHMENT 2: TEST SPECIMEN SUMMARY**

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<b>UUT-2006-1 Compass Dispatcher (600W 48V 8-Port Ethernet)</b>						
<i>Manufacturer:</i> OTIS						
<i>Identification:</i> Part No.: AAA25300AV5 Serial No.: None						
<i>Description:</i> Component receives user elevator call requests from the user interface and routes the calls to the appropriate elevator car controller.  Includes mounting bracket which is seismic kit with P/N: AAA471PY1  Weight includes mounting bracket.						
<i>Mounting:</i> Rigid Base (Floor) mounted using (4) – 3/8" dia. SAE J429 Grade 5 Hex Head Bolts w/ Standard Washers.						
Dimensions [in]				Lowest Resonant Frequency [Hz]		
Width	Depth	Height	Weight [lb]	Front - Axis	Side - Axis	Vert - Axis
15.3	7.9	55.0	101.5	25.2	18.8	42.8
ICC-ES AC156 Shake Table Test Parameters						Code: 2019 CBC
S <sub>DS</sub> [G]	z/h	I <sub>p</sub>	A <sub>FLX-H</sub> [G]	A <sub>RIG-H</sub> [G]	A <sub>FLX-V</sub> [G]	A <sub>RIG-V</sub> [G]
2.0 2.5	1 0	1.5	3.20	2.40	1.68	0.68
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.						

<b>UUT-2006-2 Compass Dispatcher (1200W 48V 16-Port Ethernet)</b>						
<i>Manufacturer:</i> OTIS						
<i>Identification:</i> Part No.: AAA25300AV12 Serial No.: None						
<i>Description:</i> Component receives user elevator call requests from the user interface and routes the calls to the appropriate elevator car controller.  Includes mounting bracket which is seismic kit with P/N: AAA471PY1  Weight includes mounting bracket.						
<i>Mounting:</i> Rigid Base (Floor) mounted using (4) – 3/8" dia. SAE J429 Grade 5 Hex Head Bolts w/ Standard Washers.						
Dimensions [in]				Lowest Resonant Frequency [Hz]		
Width	Depth	Height	Weight [lb]	Front - Axis	Side - Axis	Vert - Axis
15.3	7.9	55.0	112.5	21.3	17.9	>50
ICC-ES AC156 Shake Table Test Parameters						Code: 2019 CBC
S <sub>DS</sub> [G]	z/h	I <sub>p</sub>	A <sub>FLX-H</sub> [G]	A <sub>RIG-H</sub> [G]	A <sub>FLX-V</sub> [G]	A <sub>RIG-V</sub> [G]
2.0 2.5	1 0	1.5	3.20	2.40	1.68	0.68
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.						