



DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION  
FACILITIES DEVELOPMENT DIVISION

APPLICATION FOR HCAI SPECIAL SEISMIC  
CERTIFICATION PREAPPROVAL (OSP)

OFFICE USE ONLY

APPLICATION #: OSP-0507

HCAI Special Seismic Certification Preapproval (OSP)

Type:  New  Renewal

Manufacturer Information

Manufacturer: SPELLMAN HIGH VOLTAGE ELECTRONICS

Manufacturer's Technical Representative: Ray Bowker

Mailing Address: 475 Wireless Blvd., Hauppauge, NY 11788

Telephone: (631) 630-3117

Email: Rayb@spellmanhv.com

Product Information

Product Name: Panelboards

Product Type: Power Distribution Units

Product Model Number: PDUX4626 Power Distribution Unit

General Description: Power distribution for CT medical imaging system.

Mounting Description: Rigid, Mounted at Base

Tested Seismic Enhancements: None

DATE: 10/10/2022

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: j.roberson@easeco.com

Title: Principal Structural Engineer





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

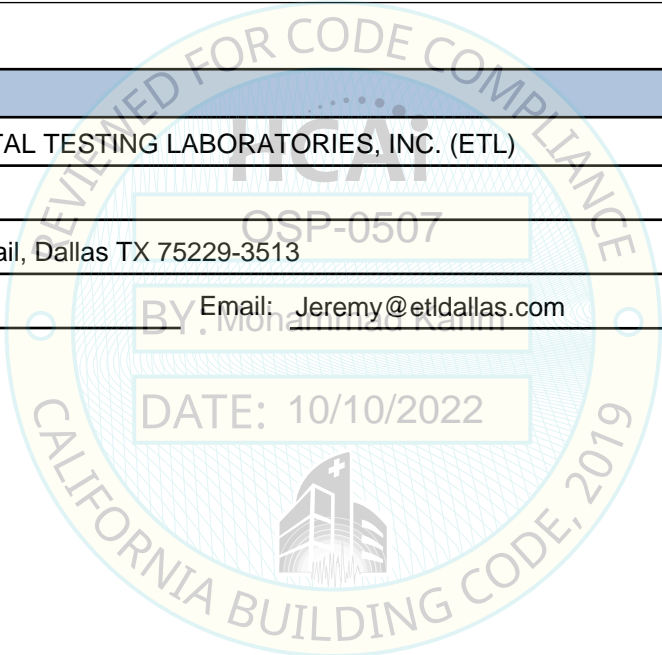
Company Name: EASE LLC  
Name: Jonathan Roberson California License Number: S4197  
Mailing Address: 5877 Pine Ave., Suite 210, Chino Hills, CA 91709  
Telephone: (951) 295-1892 Email: jon@EASECo.com

**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: Jeremy Lange  
Mailing Address: 11034 Indian Trail, Dallas TX 75229-3513  
Telephone: (972) 247-9657 Email: Jeremy@etldallas.com





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**Seismic Parameters**

Design Basis of Equipment or Components ( $F_p/W_p$ ) =	1.44 ( $S_d=2.0 @ z/h=1$ ) & 1.125 ( $S_d=2.5 @ z/h=0$ )
SDS (Design spectral response acceleration at short period, g) =	2.0 ( $z/h=1$ ) & 2.5 ( $z/h=0$ )
$a_p$ (Amplification factor) =	1
$R_p$ (Response modification factor) =	2 1/2
$\Omega_0$ (System overstrength factor) =	2.0
$I_p$ (Importance factor) =	1.5
$z/h$ (Height ratio factor) =	1 and 0
Natural frequencies (Hz) =	Front: 16.3 / Side: 13.8 / Vert.: 14.4
Overall dimensions and weight =	27.7" W x 32.15" D x 66.41" H 1264lb

**HCAI Approval (For Office Use Only) - Approval Expires on 10/10/2028**

Date:	10/10/2022	OSP-0507
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: 10/10/2022	



UUT-1 PDUX4626 Power Distribution Unit							
MANUFACTURER:				Spellman High Voltage Electronics Corporation			
IDENTIFICATION:				Model No.: PDUX4626			
DESCRIPTION:				Power Distribution Unit  Unit was full of content during test.			
MOUNTING:				Rigid Base (Floor) mounted using: (6) - 3/8" diam. socket head cap screws w/ washers. (Torque = 25 ft-lb)			
DIMENSIONS (in.)					LOWEST RESONANT FREQUENCY (Hz.)		
Width	Depth	Height	Weight (lb.)		Side-Axis	Front-Axis	Vert-Axis
27.7	32.15	66.41	1264		13.8	16.3	14.4
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS							
S <sub>DS</sub> (G)	z/h	I <sub>p</sub>	A <sub>FLEX-H</sub> (G)	A <sub>RIG-H</sub> (G)	A <sub>FLEX-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 maintained structural integrity and remained functional per manufacturer requirement after AC156 test.							

