



**DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION  
FACILITIES DEVELOPMENT DIVISION**

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

OFFICE USE ONLY

**APPLICATION #: OSP-0746**

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

Type:  New  Renewal

**Manufacturer Information**

Manufacturer: Stored Energy Systems, LLC

Manufacturer's Technical Representative: Sam Coleman

Mailing Address: 1840 Industrial Circle, Longmont, CO 80501

Telephone: (303) 678-7500

Email: samc@sens-usa.com

**Product Information**

Product Name: UPS and Batteries

Product Type: Batteries

Product Model Number: SuperTorque 8Z Genset Starting System

General Description: 12V-24V rigid mounted engine starting system with integrated high performance NiZn battery, battery charger, alarms, and communications.

Mounting Description: Rigid, Floor Mounted

Tested Seismic Enhancements: None

**Applicant Information**

Applicant Company Name: Dynamic Certification Laboratories

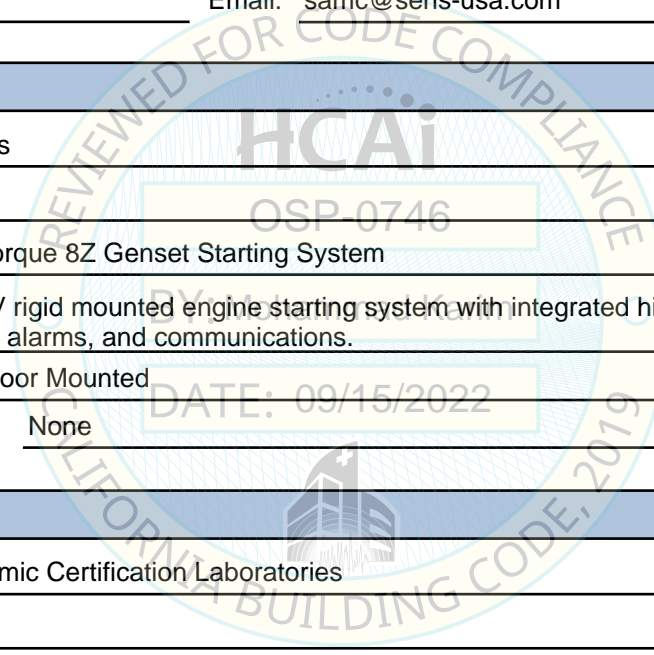
Contact Person: Kelly Laplace

Mailing Address: 1315 Greg Pkwy # 109, Sparks, NV 89431

Telephone: (775) 358-5085

Email: kelly@shaketest.com

Title: Business Manager





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

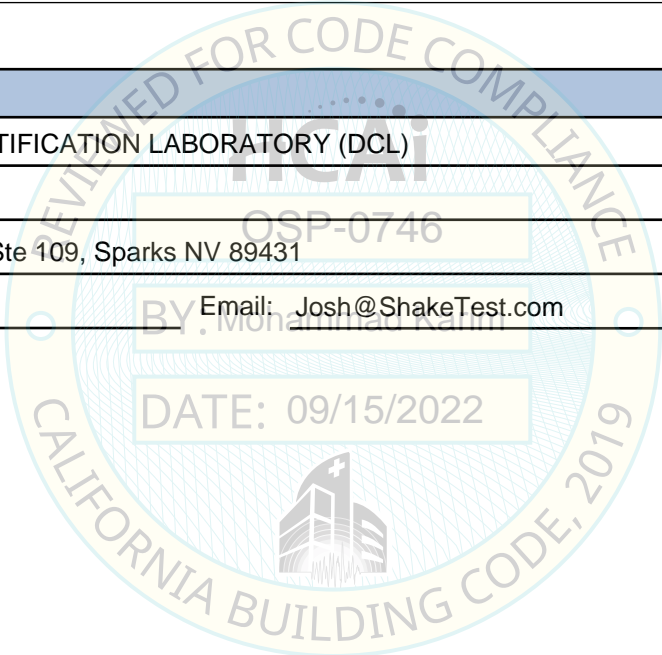
Company Name: THE VMC GROUP  
Name: Kenneth Tarlow California License Number: S2851  
Mailing Address: 980 9th Street, 16th Floor, Sacramento, CA 95814  
Telephone: (832) 627-2214 Email: ken.tarlow@thevmcgroup.com

**Certification Method**

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

**Testing Laboratory**

Company Name: DYNAMIC CERTIFICATION LABORATORY (DCL)  
Contact Person: Josh Sailer  
Mailing Address: 1315 Greg St., Ste 109, Sparks NV 89431  
Telephone: (775) 358-5085 Email: Josh@ShakeTest.com





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**Seismic Parameters**

Design Basis of Equipment or Components ( $F_p/W_p$ ) = 1.44 (Sds 2.0g, z/h=1); 1.13 (Sds 2.5g, z/h=0)

SDS (Design spectral response acceleration at short period, g) = Sds 2.0g, z/h=1; Sds 2.5g, z/h=0

$a_p$  (Amplification factor) = 1.0

$R_p$  (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

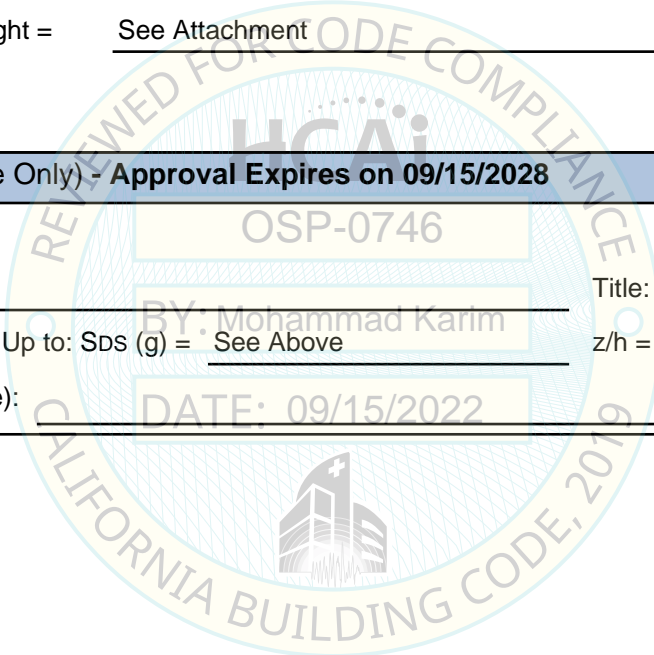
**HCAI Approval (For Office Use Only) - Approval Expires on 09/15/2028**

Date: 9/15/2022

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: 09/15/2022



**Special Seismic Certification**  
**Table 1 - Certified Components**



**DCL Project Number:** 10420-2201  
**Manufacturer:** Stored Energy Systems LLC (SENS)  
**Product Line:** SuperTorque 8Z  
**Mounting Configuration:** Rigid Base Mount  
**Certified Seismic Levels:**  $S_{DS} = 2.00g, z/h=1.0$ ;  $S_{DS} = 2.50g, z/h=0.0$

Model Number	Manufacturer	Dimensions (in.)			Weight (lb.)	Unit
		Depth	Width	Height		
8Z-12-C-15-C-2-1-01	Stored Energy Systems LLC	20.5	11.5	9.5	91	UUT-01
8Z-24-B-15-B-2-1-00	Stored Energy Systems LLC	20.5	11.5	9.5	91	UUT-02

