



DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION  
OFFICE OF STATEWIDE HOSPITAL PLANNING AND DEVELOPMENT

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

OFFICE USE ONLY

APPLICATION #: OSP-0637

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

Type:  New  Renewal

**Manufacturer Information**

Manufacturer: Square D by Schneider Electric

Manufacturer's Technical Representative: Scott Littler

Mailing Address: 6700 Tower Circle, Suite 700, Franklin, TN 37067

Telephone: (615) 267-9407

Email: scott.littler@se.com

**Product Information**

Product Name: EXN

Product Model Number(s): Varies (see attachment)

Product Category: Transformers

Product Sub-Category: Transformers – Dry Type

General Description: Aluminum and Copper wound transformers from 15kVA to 225kVA

Mounting Description: Base Mounted and Wall Mounted - Rigid

Tested Seismic Enhancements: None

**Applicant Information**

Applicant Company Name: Pre Compliance

Contact Person: Galen Reid

Mailing Address: 324 NW Hill St., Bend, OR 97703

Telephone: (541) 241-2310

Email: galen@go-pre.com

Title: Principal and Program Manager



**DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION  
OFFICE OF STATEWIDE HOSPITAL PLANNING AND DEVELOPMENT**

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

Company Name: PRE COMPLIANCE  
 Name: Andrew Coughlin California License Number: S6082  
 Mailing Address: 324 NW Hill St, Bend, OR 97703  
 Telephone: (415) 635-8461 Email: Andy@go-pre.com

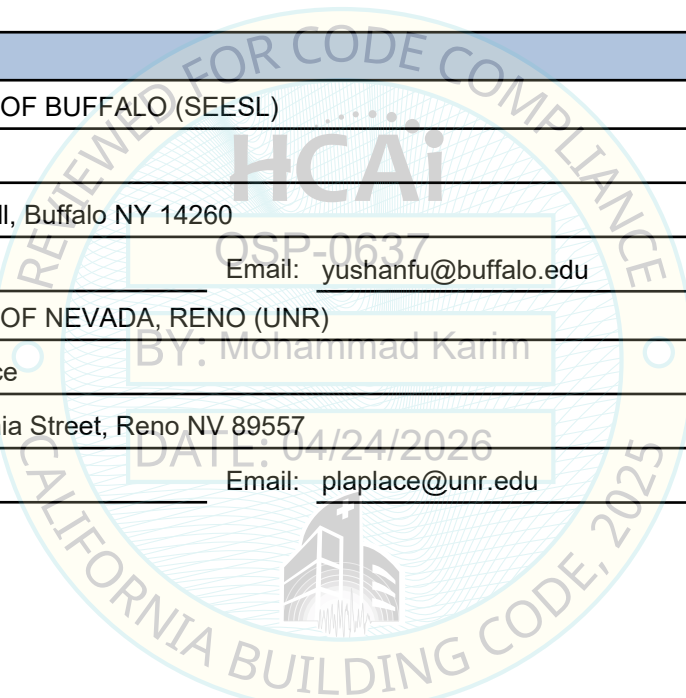
**Certification Method**

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

**Testing Laboratory**

Company Name: UNIVERSITY OF BUFFALO (SEESL)  
 Contact Person: Yushan Fu  
 Mailing Address: 212 Ketter Hall, Buffalo NY 14260  
 Telephone: (716) 645-4377 Email: yushanfu@buffalo.edu

Company Name: UNIVERSITY OF NEVADA, RENO (UNR)  
 Contact Person: Patrick LaPlace  
 Mailing Address: 1664 N. Virginia Street, Reno NV 89557  
 Telephone: (775) 784-6937 Email: plaplace@unr.edu





**DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION  
OFFICE OF STATEWIDE HOSPITAL PLANNING AND DEVELOPMENT**

**Seismic Parameters**

Certified Response Spectral Acceleration Factors:(Fp/Wp)

Horizontal	(A Flx-H), g=	<u>2.64</u>	(A Rig-H), g=	<u>1.77</u>
Vertical	(A Flx-V), g=	<u>1.47</u>	(A Rig-V), g=	<u>0.59</u>

SDS (Design spectral response acceleration at short period, g) = 1.65 (z/h = 1), 2.20 (z/h = 0)

Hf (Force amplification height factor) = 1 @ z/h = 0; 3.5 @ z/h = 1

Ru (Structure ductility reduction factor) = 1 @ z/h = 0; 1.3 @ z/h = 1

Ip (Importance factor) = 1.5

z/h (Height ratio factor) = 0 and 1

**HCAI Approval (For Office Use Only) - Approval Expires on 04/24/2032**

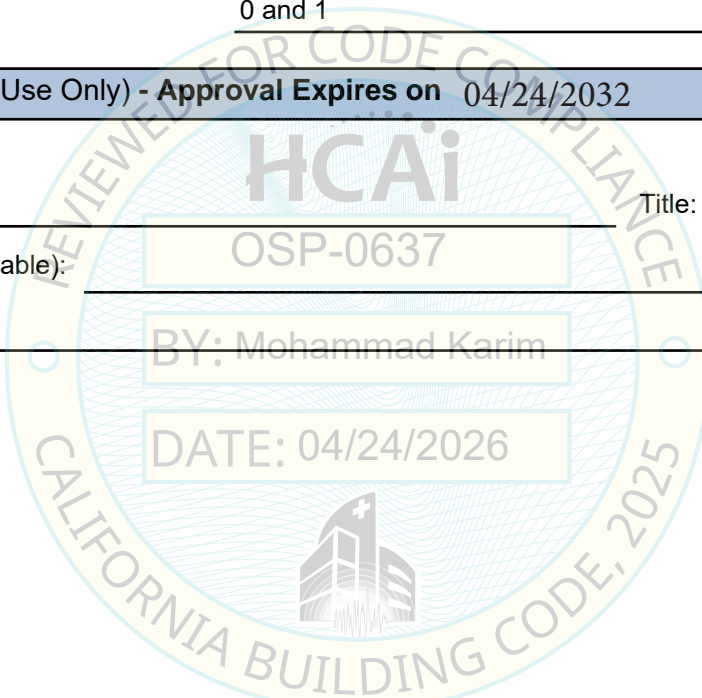
Date: 4/24/2026

Name: Mohammad Karim Title: Supervisor, Health Facilities

Condition of Approval (if applicable): OSP-0637

BY: Mohammad Karim

DATE: 04/24/2026







Manufacturer: Schneider Electric  
 Product Type: Transformers – Dry Type  
 Model Line: EXN

Seismic Parameters	Building Codes
$S_{DS} = 1.65g$ for $z/h=1, R_{\mu}=1.3, H_f=3.5$ $S_{DS} = 2.20g$ for $z/h=0, R_{\mu}=1.0, H_f=1.0$	$I_p=1.5$ <b>CBC 2025</b>

**TABLE 3** Model Number Nomenclature - For Reference Only

Description	Values	Key
Transformer Type	EXN	DOE 2016 Energy Efficient Transformer
kVA Rating	15	15 kVA
	30	30 kVA
	45	45 kVA
	75	75 kVA
	112	112.5 kVA
	150	150 kVA
Phases	225	225 kVA
	T	3 Phase
Voltage Codes <sup>1</sup>	3	480 Vac Delta Primary; 208Y/120 Vac Secondary
	65	600 Vac Delta Primary; 208Y/120 Vac Secondary
	3165	208 Vac Delta Primary; 208Y/120 Vac Secondary
	3155	208 Vac Delta Primary; 480Y/277 Vac Secondary
	1814	480 Vac Delta Primary; 480Y/277 Vac Secondary
	6	480 Vac Delta Primary; 240 Vac Delta Secondary
Insulation Class	H	220 C Insulation
	[blank]	150 C Temp Rise
Temp Rise	F	115 C Temp Rise
	B	80 C Temp Rise
	[blank]	No Electrostatic Shield
Shielding	IS	Electrostatic Shield between Primary & Secondary
	[blank]	Aluminum Windings
Winding Material	CU	Copper Windings
	[blank]	No center tap
Center Tap	CT	120 V Center Tap
	[blank]	K-1 Rated
Additional Options	NLP	K-13 Rated
	NL	K-4 Rated
	[blank]	[blank] = No Center Tap

## EXN75T3HBCU

Example Model Number:

[blank] = No Shielding

[blank] = K-1 Rated

[blank] = No Center Tap









