



**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-0431**

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

Type:  New  Renewal

**Manufacturer Information**

Manufacturer: Eaton

Manufacturer's Technical Representative: Pratik Suthar

Mailing Address: 845 Corporate Circle, Sumter, SC 29154

Telephone: (803) 481-1741

Email: PratikSuthar@eaton.com

**Product Information**

Product Name: Roll-Up Generator Termination Boxes

Product Model Number(s): See attachments

Product Category: Power Isolation and Correction Systems

Product Sub-Category: Power Isolation and Correction Systems

General Description: Cable Termination Enclosures for Roll-up Generators

Mounting Description: Base Mounted Rigid

Tested Seismic Enhancements: None

**Applicant Information**

Applicant Company Name: WE Gundy & Associates, Inc

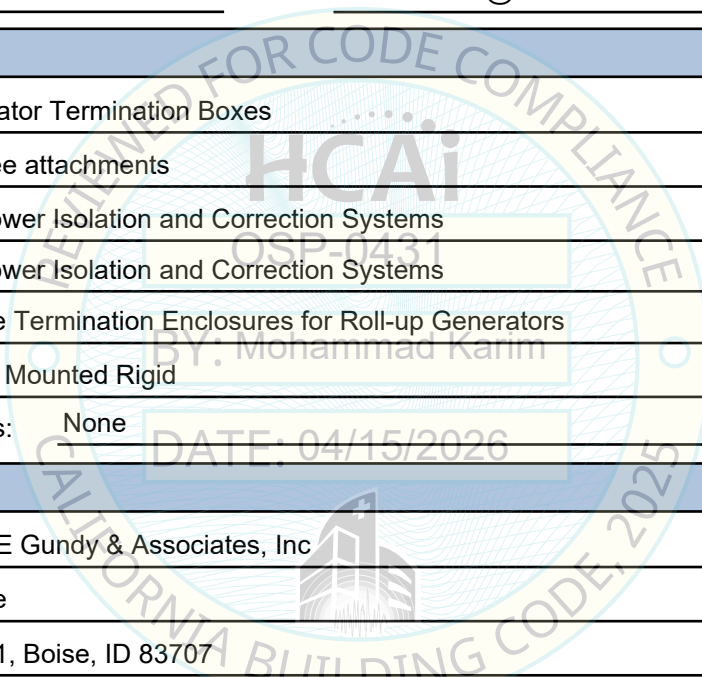
Contact Person: Travis Soppe

Mailing Address: PO Box 9121, Boise, ID 83707

Telephone: (208) 342-5989

Email: tsoppe@wegai.com

Title: President





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

Company Name: W.E. GUNDY & ASSOCIATES INC.

Name: Travis Soppe California License Number: S6115

Mailing Address: P.O. Box 9121, Boise, ID 83707

Telephone: (208) 342-5989 Email: tsoppe@wegai.com

**Certification Method**

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

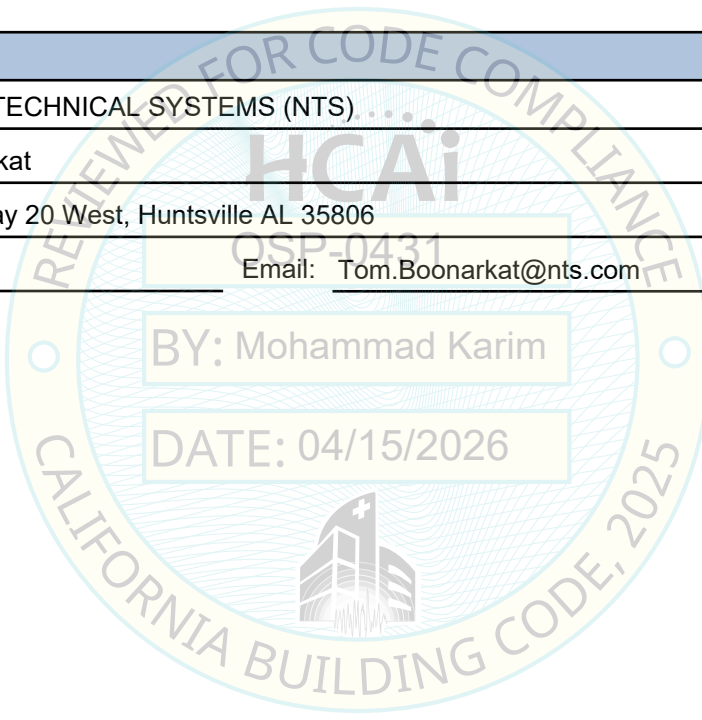
**Testing Laboratory**

Company Name: NATIONAL TECHNICAL SYSTEMS (NTS) ...

Contact Person: Tom Boonarkat

Mailing Address: 7800 Highway 20 West, Huntsville AL 35806

Telephone: (256) 837-4411 Email: Tom.Boonarkat@nts.com





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**Seismic Parameters**

Certified Response Spectral Acceleration Factors:( $F_p/W_p$ )

Horizontal (A Flx-H),  $g = \underline{3.2}$  (A Rig-H),  $g = \underline{2.15}$

Vertical (A Flx-V),  $g = \underline{1.68}$  (A Rig-V),  $g = \underline{0.68}$

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

H<sub>f</sub> (Force amplification height factor) = 1 @  $z/h = 0$ ; 3.5 @  $z/h = 1$

R<sub>u</sub> (Structure ductility reduction factor) = 1 @  $z/h = 0$ ; 1.3 @  $z/h = 1$

I<sub>p</sub> (Importance factor) = 1.5

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

**HCAI Approval (For Office Use Only) - Approval Expires on 04/15/2032**

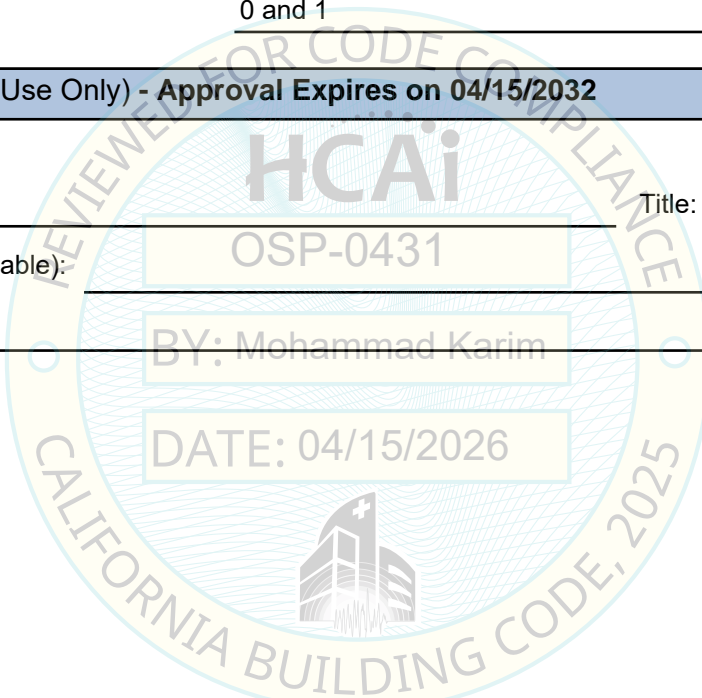
Date: 4/15/2026

Name: Mohammad Karim Title: Supervisor, Health Facilities

Condition of Approval (if applicable): OSP-0431

BY: Mohammad Karim

DATE: 04/15/2026



Identification <sup>1</sup>	Amps	Dimensions (in)			Max COG (in)	Weight (lbs)	UUT
		Width	Depth	Height			
GTB08MAMA: MEDP092014-001	800	37.62	30.50	78.75	50.3	494	UUT-20
GTB08XXXX	800	36.0	30.5	78	50.0	494	interpolated
GTB12XXXX	1200	36.0	30.5	78	50.0	550	interpolated
GTB16XXXX	1600	36.0	30.5	78	50.0	575	interpolated
GTB20XXXX	2000	36.0	30.5	78	50.0	600	interpolated
GTB08XXXX	800	45.0	30.5	78	51.0	600	interpolated
GTB12XXXX	1200	45.0	30.5	78	51.0	625	interpolated
GTB16XXXX	1600	45.0	30.5	78	51.0	650	interpolated
GTB20XXXX	2000	45.0	30.5	78	51.0	687	interpolated
GTB20PPDP: MEDP092014-002	2000	46.88	30.50	78.75	51.5	674	UUT-21

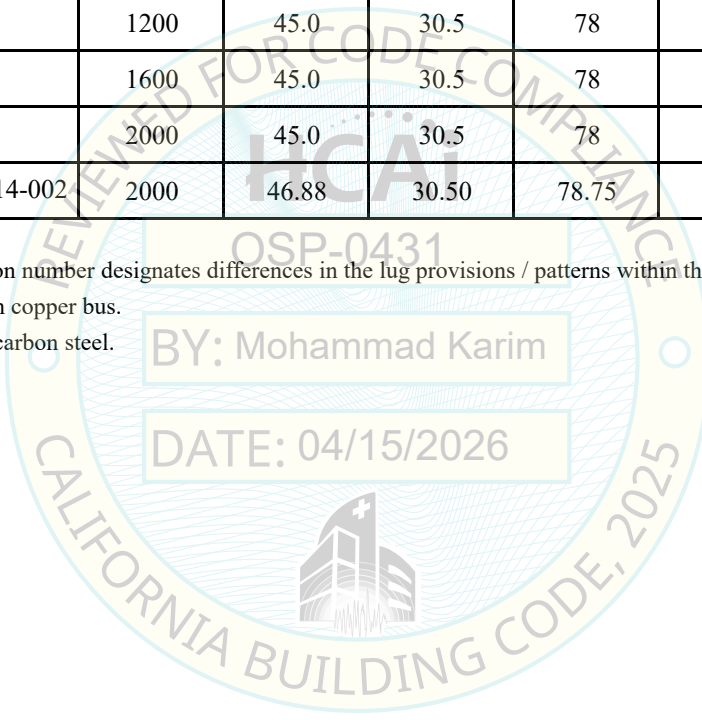


**General Notes:**

<sup>1</sup> The XXXX in the identification number designates differences in the lug provisions / patterns within the generator termination box.

<sup>2</sup> All GTB's are constructed with copper bus.

<sup>3</sup> All enclosures are NEMA 3R carbon steel.



SEISMIC CERTIFICATION LIMITS - CBC 2025								
S <sub>DS</sub> (g)	I <sub>p</sub>	z / h	H <sub>f</sub>	R <sub>μ</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)
2.00	1.50	1.0	3.5	1.3	3.20	2.15	-	-
2.50		0.0	1.0	1.0	-	-	1.68	0.68

**UUT-20**

**UNIT UNDER TEST (UUT)  
SUMMARY SHEET**



**Mounting Details:** Rigid floor mounted with (8) 1/2" grade 5 bolts.



<b>Manufacturer:</b> Eaton	<b>Test Location:</b> NTS, Huntsville AL
<b>Product Line:</b> Roll-Up Generator Termination Boxes	<b>Test Date:</b> September 22-26, 2014
<b>Component:</b> GTB08MAMA: MEDP092014-001	<b>Report Number:</b> PR032162-TR-14

**UUT Function:** Intermediate termination cabinet for portable generator systems

**UUT Description:** 800A copper termination blocks in carbon steel NEMA 3R enclosure

**UUT PROPERTIES**

Weight (lbs)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
494	37.62	30.50	78.75	8.5	8.5	18.0

**SEISMIC TEST PARAMETERS – ICC-ES AC 156-24**

CODE	S <sub>DS</sub> (g)	z / h	H <sub>f</sub>	R <sub>μ</sub>	I <sub>p</sub>	A <sub>AFLX-H</sub> (g)	A <sub>ARIG-H</sub> (g)	A <sub>AFLX-V</sub> (g)	A <sub>ARIG-V</sub> (g)
CBC 2025	2.0	1.0	3.5	1.30	1.5	3.20	2.15	-	-
	2.5	0	1.0	1.00	1.5	-	-	1.68	0.68

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.

**UUT-21**

**UNIT UNDER TEST (UUT)  
SUMMARY SHEET**



**Mounting Details:** Rigid floor mounted with (8) 1/2" grade 5 bolts.



<b>Manufacturer:</b> Eaton	<b>Test Location:</b> NTS, Huntsville AL
<b>Product Line:</b> Roll-Up Generator Termination Boxes	<b>Test Date:</b> September 22-26, 2014
<b>Component:</b> GTB20PDPD: MEDP092014-002	<b>Report Number:</b> PR032162-TR-14

**UUT Function:** Intermediate termination cabinet for portable generator systems

**UUT Description:** 2000A copper termination blocks in carbon steel NEMA 3R enclosure

**UUT PROPERTIES**

Weight (lbs)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
674	46.88	30.50	78.75	8.7	8.8	16.5

**SEISMIC TEST PARAMETERS – ICC-ES AC 156-24**

CODE	S <sub>DS</sub> (g)	z / h	H <sub>f</sub>	R <sub>μ</sub>	I <sub>p</sub>	A <sub>AFLX-H</sub> (g)	A <sub>ARIG-H</sub> (g)	A <sub>AFLX-V</sub> (g)	A <sub>ARIG-V</sub> (g)
CBC 2025	2.0	1.0	3.5	1.30	1.5	3.20	2.15	-	-
	2.5	0	1.0	1.00	1.5	-	-	1.68	0.68

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.