APPLICATION FOR HCAI SPECIAL SEISMIC CERTIFICATION PREAPPROVAL (OSP)

OFFICE USE ONLY

APPLICATION #: OSP-0178

HCAI Special Seismic Certification Preapproval (OSP)

Type: ☐ New ☒ Renewal

Manufacturer Information

Manufacturer: Eaton

Manufacturer's Technical Representative: Richard Bhalla

Mailing Address: 221 Heywood Road, Arden, NC 28704

Telephone: (828) 684-2381 Email: RichardBhalla@Eaton.com

Product Information

Product Name: MV Motor Control

Product Model Number(s): See attachments

Product Category: Motor Control Centers

Product Sub-Category: Motor Control Centers - Medium Voltage

General Description: MV Motor Control, NEMA 1 & 3R Enclosures, 15kV, Reduced Voltage (Autotransformer & Solid State), Full Voltage and synchronous starters.

Mounting Description: Base Mounted Rigid

Tested Seismic Enhancements: Seismic enhancements made to the test units and/or modifications required to address anomalies during the tests shall be incorporated into the production units.

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

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

Company Name: W.E. GUNDY & ASOCIATES 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: 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

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

Seismic Parameters

Certified Response Spectral Acceleration Factors:(F_p/W_p)

Horizontal	(A Flx-H), g=	3.20	(A Rig-H), g=	2.15
Vertical	(A Flx-V), g=	1.68	(A Rig-V), g=	0.68

S_{DS} (Design spectral response acceleration at short period, g) = 2.5 @ z/h = 0; 2.0 @ z/h = 1

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

Ru (Structure ductility redution factor) = 1 @ z/h = 0: 1.3 @ z/h = 1

I_p (Importance factor) = 1.5

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

HCAI Approval (For Office Use Only) - Approval Expires on 04/16/2032

Date: 4/16/2026

Name: Mohammad Karim Title: Supervisor, Health Facilities

Condition of Approval (if applicable):

TABLE 1	EATON MV MOTOR CONTROL SEISMIC CERTIFICATION PRODUCT LINE MATRIX							
Section Type[1]	Main Bus Amperage	NEMA[2]	Enclosure Dimensions (in)			Max Height COG (in)	Max Weight (lbs)	Representative UUT[3]
			Width	Depth	Height			
Standalone Sections - Seismic Certification Limit: S_{DS} = 2.0 at z / h = 1.0 and S_{DS} = 2.5 at z / h = 0								
Ampgard-MC	800 - 3000	1, 3R	36	30 - 55	80 - 104	57	800	interpolated
Ampgard-MC	800 - 3000	1, 3R	36	34 - 55	80 - 104	62	800	interpolated
Ampgard-MC	800 - 3000	1, 3R	36	30 - 55	80 - 104	52	1075	interpolated
Ampgard-MC	800 - 3000	1, 3R	36.0	34 - 55	80 - 104	57	1075	interpolated
Ampgard-MC: XL12029-2	**800**	**1**	**36.8**	**34.5**	**95.5**	**58.0**	**1084**	**UUT_z-17**
Ganged Sections - Seismic Certification Limit: S_{DS} = 2.0 at z / h = 1.0 and S_{DS} = 2.5 at z / h = 0								
Ampgard-MC	800 - 3000	1, 3R	25 - 36	30 - 55	80 - 128	55	1100	extrapolated
Ampgard-MC	800 - 3000	1, 3R	25 - 36	36 - 55	80 - 128	55	1300	extrapolated
Ampgard-MC	800 - 3000	1, 3R	30 - 36	30 - 55	80 - 128	55	1650	extrapolated
Ampgard-MC: XL024020-001	**3000**	**1**	**37.5**	**52.5**	**128.0**	**75.6**	**1678**	**UUT_t-3A**
Ampgard-MC	800 - 3000	1, 3R	25 - 36	50 - 55	80 - 128	55	1700	extrapolated
Ampgard-MC	800 - 3000	1, 3R	30 - 36	36 - 55	80 - 128	54	1850	interpolated
Ampgard-MC	800 - 3000	1, 3R	36.0	30 - 55	80 - 128	54	1850	interpolated
Ampgard-MC	800 - 3000	1, 3R	30 - 36	50 - 55	80 - 128	53	2100	interpolated
Ampgard-MC	800 - 3000	1, 3R	36	36 - 55	80 - 128	51	2250	interpolated
Ampgard-MC: XL021008-002	**800**	**1**	**37.5**	**53.6**	**128.0**	**55.4**	**2355**	**UUT_v-1**
Ampgard-MC	800 - 3000	1, 3R	36	50 - 55	80 - 128	51	2450	interpolated
Ampgard-MC	800 - 3000	1, 3R	36	34 - 55	80 - 128	40	2700	interpolated
Ampgard-MC	800 - 3000	1, 3R	36	34 - 55	80 - 128	34	3050	interpolated
Ampgard-MC: XL12029-3	**3000**	**1**	**36.0**	**34.5**	**95.8**	**34.0**	**3055**	**UUT_z-26B**

General Notes:

[1] The part numbers listed uniquely identify the type of component, manufacturer, and material of construction for each sub-component with the tested units.

[2] NEMA 1 / 3R enclosures are constructed of carbon steel.

[3] Subscript indicates the test report in which the units were qualified:
t - 17945-Rev2 / u - PR164193-TR-22 / v - PR154605-TR-22-1 / w - 55906R08-8 / x - 55906R08-4B / y - 55906R08-6 / z - 70566R12

[4] Multiple UUT's were seismically tested to seismically certify the variety of sub-components of the MC Motor Control product line. The heavier sections are listed in the product matrix on the first page for interpolation and the remainder of the tested UUT's are presented on the second page.

TABLE 1	EATON MV MOTOR CONTROL SEISMIC CERTIFICATION PRODUCT LINE MATRIX							
Section Type[1]	Main Bus Amperage	NEMA[2]	Enclosure Dimensions (in)			Max Height COG (in)	Max Weight (lbs)	Representative UUT[3]
			Width	Depth	Height			
Ganged Sections - Seismic Certification Limit: S_{DS} = 2.0 at z / h = 1.0 and S_{DS} = 2.5 at z / h = 0								
Ampgard-MC: XL08028	**800**	**3R**	**36.0**	**36.0**	**104.0**	**56.8**	**750**	**UUT_x-23B**
Ampgard-MC: XL08029	**3000**	**1**	**37.3**	**55.0**	**123.5**	**64.7**	**987**	**UUT_y-24B**
Ampgard-MC: XL021006-002	**800**	**1**	**36.0**	**31.0**	**92.0**	**45.3**	**1187**	**UUT_u-11**
Ampgard-MC: XL08027	**800**	**1**	**36.0**	**53.0**	**92.0**	**50.5**	**1200**	**UUT_w-22B**
Ampgard-MC: XL021008-001	**800**	**1**	**26.0**	**52.5**	**128.0**	**62.9**	**1233**	**UUT_v-22**
Ampgard-MC: XL08027	**800**	**1**	**36.0**	**53.0**	**92.0**	**50.5**	**1295**	**UUT_w-22C**
Ampgard-MC: XL021006-001	**800**	**1**	**36.0**	**30.0**	**92.0**	**49.6**	**1435**	**UUT_u-10**
Ampgard-MC: XL12029-3	**800**	**1**	**36.3**	**34.5**	**95.8**	**38.0**	**1766**	**UUT_z-26A**
Ampgard-MC: XL08027	**800**	**1**	**36.0**	**53.0**	**92.0**	**50.0**	**1800**	**UUT_w-22A**
Ampgard-MC: XL08028	**800**	**3R**	**36.0**	**36.0**	**104.0**	**50.0**	**1800**	**UUT_x-23A**
Ampgard-MC: XL08029	**3000**	**1**	**36.0**	**55.0**	**123.5**	**53.0**	**2343**	**UUT_y-24A**
Ampgard-MC: XL024020-002	**3000**	**1**	**37.5**	**52.5**	**128.0**	**62.4**	**2580**	**UUT_t-3B**
Ampgard-MC: XL12029-3	**800**	**1**	**36.3**	**34.5**	**95.8**	**38.0**	**2559**	**UUT_z-26C**

General Notes:

[1] The part numbers listed uniquely identify the type of component, manufacturer, and material of construction for each sub-component with the tested units.

[2] NEMA 1 / 3R enclosures are constructed of carbon steel.

[3] Subscript indicates the test report in which the units were qualified:
t - 17945-Rev2 / u - PR164193-TR-22 / v - PR154605-TR-22-1 / w - 55906R08-8 / x - 55906R08-4B / y - 55906R08-6 / z - 70566R12

[4] Multiple UUT's were seismically tested to seismically certify the variety of sub-components of the MC Motor Control product line. The heavier sections are listed in the product matrix on the first page for interpolation and the remainder of the tested UUT's are presented on the second page.

TABLE 2	EATON MV MOTOR CONTROL CERTIFIED SUBCOMPONENT MATRICES	WEGAI W.E. GUNDY & ASSOCIATES, INC. STRUCTURAL & EARTHQUAKE ENGINEERING

ID/Catalog Number	Manufacturer	Description	Weight (lbs)	Representative UUT [1]
Switches				
LBS	Eaton	Load Break Switch - 600A, 7.2kV	9	UUT_z-17
JMT-4	Eaton	Non Load Break Switch - 400A, 7.2kV	40	UUT_w-22A / UUT_x-23A
JMT-4	Eaton	Non Load Break Switch - 400A, 7.2kV	40	UUT_y-24A / UUT_z-26A
JMT-8	Eaton	Non Load Break Switch - 720A, 7.2kV	40	UUT_w-22B, UUT_u-10
RB-400	Eaton	Non Load Break Switch - 400A, 7.2kV	42	UUT_t-3B
RB-800	Eaton	Non Load Break Switch - 720A, 7.2kV	45	UUT_v-1
Fused Contactor (Load Break)				
SL400	Eaton	400A, 7.2kV	60	UUT_w-22A / UUT_x-23A
SL400	Eaton	400A, 7.2kV	60	UUT_y-24A / UUT_z-26A
SL400	Eaton	400A, 7.2kV	60	UUT_t-3B
SL800	Eaton	720A, 7.2kV	100	UUT_u-10
SL800	Eaton	720A, 7.2kV	100	UUT_w-22B / UUT_v-1
Reduced Voltage Solid State (RVSS) Module				
MV4S-200	Motortronics	200A, 7.2kV	375	Extrapolated
MV4S-400	Motortronics	400A, 7.2kV	375	UUT_z-26A
MV4S-720	Motortronics	720A, 7.2kV	1050	UUT_w-22C
82-7011G01	Eaton	400A/800A 5kV	260	UUT_u-11
Autotransformers (Copper Windings)				
A146P3506580	Eaton	A 146Avg LRA 3300v 50hz 3 coil	462	Extrapolated
A151R3506580	Eaton	A 151Avg LRA 4160v 50hz 3 coil	462	Extrapolated
A156A3506580	Eaton	A 156Avg LRA 2400v 60hz 3 coil	466	Extrapolated
A146C3506580	Eaton	A 146Avg LRA 3300v 60hz 3 coil	466	Extrapolated
A190P3506580	Eaton	A 190Avg LRA 3300v 50hz 3 coil	467	Extrapolated
A195R3506580	Eaton	A 195Avg LRA 4160v 50hz 3 coil	467	Extrapolated
A202A3506580	Eaton	A 202Avg LRA 2400v 60hz 3 coil	471	Extrapolated
A190C3506580	Eaton	A 190Avg LRA 3300v 60hz 3 coil	471	Extrapolated
A195E3506580	Eaton	A 195Avg LRA 4160v 60hz 3 coil	471	Extrapolated
A246P3506580	Eaton	A 246Avg LRA 3300v 50hz 3 coil	475	Extrapolated
A253R3506580	Eaton	A 253Avg LRA 4160v 50hz 3 coil	475	Extrapolated
A262A3506580	Eaton	A 262Avg LRA 2400v 60hz 3 coil	480	Extrapolated
A246C3506580	Eaton	A 246Avg LRA 3300v 60hz 3 coil	480	Extrapolated
A253E3506580	Eaton	A 253Avg LRA 4160v 60hz 3 coil	480	Extrapolated
A320P3506580	Eaton	A 320Avg LRA 3300v 50hz 3 coil	501	Extrapolated
A328R3506580	Eaton	A 328Avg LRA 4160v 50hz 3 coil	501	Extrapolated

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ID/Catalog Number	Manufacturer	Description	Weight (lbs)	Representative UUT [1]
A160K3506580	Eaton	A 160Avg LRA 6600v 60hz 3 coil	514	Extrapolated
A339A3506580	Eaton	A 339Avg LRA 2400v 60hz 3 coil	515	Extrapolated
A320C3506580	Eaton	A 320Avg LRA 3300v 60hz 3 coil	515	Extrapolated
A328E3506580	Eaton	A 328Avg LRA 4160v 60hz 3 coil	515	Extrapolated
A153L3506580	Eaton	A 153Avg LRA 6900v 60hz 3 coil	522	Extrapolated
A257L3506580	Eaton	A 257Avg LRA 6900v 60hz 3 coil	530	Extrapolated
A198L3506580	Eaton	A 198Avg LRA 6900v 60hz 3 coil	532	Extrapolated
A207K3506580	Eaton	A 207Avg LRA 6600v 60hz 3 coil	542	Extrapolated
A160W3506580	Eaton	A 160Avg LRA 6600v 50hz 3 coil	542	Extrapolated
A153X3506580	Eaton	A 153Avg LRA 6900v 50hz 3 coil	542	Extrapolated
A269K3506580	Eaton	A 269Avg LRA 6600v 60hz 3 coil	552	Extrapolated
A414P3506580	Eaton	A 414Avg LRA 3300v 50hz 3 coil	561	Extrapolated
A427R3506580	Eaton	A 427Avg LRA 4160v 50hz 3 coil	561	Extrapolated
A440A3506580	Eaton	A 440Avg LRA 2400v 60hz 3 coil	569	Extrapolated
A414C3506580	Eaton	A 414Avg LRA 3300v 60hz 3 coil	569	Extrapolated
A427E3506580	Eaton	A 427Avg LRA 4160v 60hz 3 coil	569	Extrapolated
A207W3506580	Eaton	A 207Avg LRA 6600v 50hz 3 coil	574	Extrapolated
A198X3506580	Eaton	A 198Avg LRA 6900v 50hz 3 coil	574	Extrapolated
A538P3506580	Eaton	A 538Avg LRA 3300v 50hz 3 coil	599	Extrapolated
A555R3506580	Eaton	A 555Avg LRA 4160v 50hz 3 coil	599	Extrapolated
A269W3506580	Eaton	A 269Avg LRA 6600v 50hz 3 coil	599	Extrapolated
A257X3506580	Eaton	A 257Avg LRA 6900v 50hz 3 coil	599	Extrapolated
A296U3506580	Eaton	A 296Avg LRA 6000v 50hz 3 coil	904	Extrapolated
A334L3506580	Eaton	A 334Avg LRA 6900v 60hz 3 coil	914	Extrapolated
A349K3506580	Eaton	A 349Avg LRA 6600v 60hz 3 coil	916	Extrapolated
A570A3506580	Eaton	A 570Avg LRA 2400v 60hz 3 coil	918	Extrapolated
A538C3506580	Eaton	A 538Avg LRA 3300v 60hz 3 coil	918	Extrapolated
A555E3506580	Eaton	A 555Avg LRA 4160v 60hz 3 coil	918	Extrapolated
A384H3506580	Eaton	A 384Avg LRA 6000v 60hz 3 coil	918	Extrapolated
A349W3506580	Eaton	A 349Avg LRA 6600v 50hz 3 coil	942	Extrapolated
A334X3506580	Eaton	A 334Avg LRA 6900v 50hz 3 coil	942	Extrapolated
A699P3506580	Eaton	A 699Avg LRA 3300v 50hz 3 coil	943	Extrapolated
A721R3506580	Eaton	A 721Avg LRA 4160v 50hz 3 coil	943	Extrapolated
A740A3506580	Eaton	A 740Avg LRA 2400v 60hz 3 coil	963	Extrapolated
A699C3506580	Eaton	A 699Avg LRA 3300v 60hz 3 coil	963	Extrapolated
A721E3506580	Eaton	A 721Avg LRA 4160v 60hz 3 coil	963	Extrapolated

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ID/Catalog Number	Manufacturer	Description	Weight (lbs)	Representative UUT [1]
A435L3506580	Eaton	A 435Avg LRA 6900v 60hz 3 coil	963	Extrapolated
A500H3506580	Eaton	A 500Avg LRA 6000v 60hz 3 coil	965	Extrapolated
A454K3506580	Eaton	A 454Avg LRA 6600v 60hz 3 coil	975	Extrapolated
A500U3506580	Eaton	A 500Avg LRA 6000v 50hz 3 coil	1007	Extrapolated
A1250M3506580	Eaton	A 1250Avg LRA 2400v 50hz 3 coil	1008	Extrapolated
A909P3506580	Eaton	A 909Avg LRA 3300v 50hz 3 coil	1010	Extrapolated
A938R3506580	Eaton	A 938Avg LRA 4160v 50hz 3 coil	1010	Extrapolated
A454W3506580	Eaton	A 454Avg LRA 6600v 50hz 3 coil	1014	Extrapolated
A435X3506580	Eaton	A 435Avg LRA 6900v 50hz 3 coil	1014	Extrapolated
A813F3506580	Eaton	A 813Avg LRA 4800v 60hz 3 coil	1026	Extrapolated
A619J3506580	Eaton	A 619Avg LRA 6300v 60hz 3 coil	1028	Extrapolated
A962A3506580	Eaton	A 962Avg LRA 2400v 60hz 3 coil	1031	Extrapolated
A909C3506580	Eaton	A 909Avg LRA 3300v 60hz 3 coil	1031	Extrapolated
A938E3506580	Eaton	A 938Avg LRA 4160v 60hz 3 coil	1031	Extrapolated
A565L3506580	Eaton	A 565Avg LRA 6900v 60hz 3 coil	1046	Extrapolated
A591K3506580	Eaton	A 591Avg LRA 6600v 60hz 3 coil	1301	Extrapolated
A619V3506580	Eaton	A 619Avg LRA 6300v 50hz 3 coil	1346	Extrapolated
A650U3506580	Eaton	A 650Avg LRA 6000v 50hz 3 coil	1347	Extrapolated
A1182P3506580	Eaton	A 1182Avg LRA 3300v 50hz 3 coil	1358	Extrapolated
A1218R3506580	Eaton	A 1218Avg LRA 4160v 50hz 3 coil	1358	Extrapolated
A591W3506580	Eaton	A 591Avg LRA 6600v 50hz 3 coil	1358	Extrapolated
A565X3506580	Eaton	A 565Avg LRA 6900v 50hz 3 coil	1358	Extrapolated
A1250A3506580	Eaton	A 1250Avg LRA 2400v 60hz 3 coil	1372	Extrapolated
A1182C3506580	Eaton	A 1182Avg LRA 3300v 60hz 3 coil	1372	Extrapolated
A1218E3506580	Eaton	A 1218Avg LRA 4160v 60hz 3 coil	1372	Extrapolated
A768K3506580	Eaton	A 768Avg LRA 6600v 60hz 3 coil	1372	Extrapolated
A734L3506580	Eaton	A 734Avg LRA 6900v 60hz 3 coil	1384	Extrapolated
A1056F3506580	Eaton	A 1056Avg LRA 4800v 60hz 3 coil	1388	Extrapolated
A1536P3506580	Eaton	A 1536Avg LRA 3300v 50hz 3 coil	1441	Extrapolated
A1583R3506580	Eaton	A 1583Avg LRA 4160v 50hz 3 coil	1441	Extrapolated
A768W3506580	Eaton	A 768Avg LRA 6600v 50hz 3 coil	1443	Extrapolated
A734X3506580	Eaton	A 734Avg LRA 6900v 50hz 3 coil	1443	Extrapolated
A1689N3506580	Eaton	A 1689Avg LRA 3000v 50hz 3 coil	1447	Extrapolated
A1372F3506580	Eaton	A 1372Avg LRA 4800v 60hz 3 coil	1480	Extrapolated
A954L3506580	Eaton	A 954Avg LRA 6900v 60hz 3 coil	1483	Extrapolated
A1626A3506580	Eaton	A 1626Avg LRA 2400v 60hz 3 coil	1486	Extrapolated

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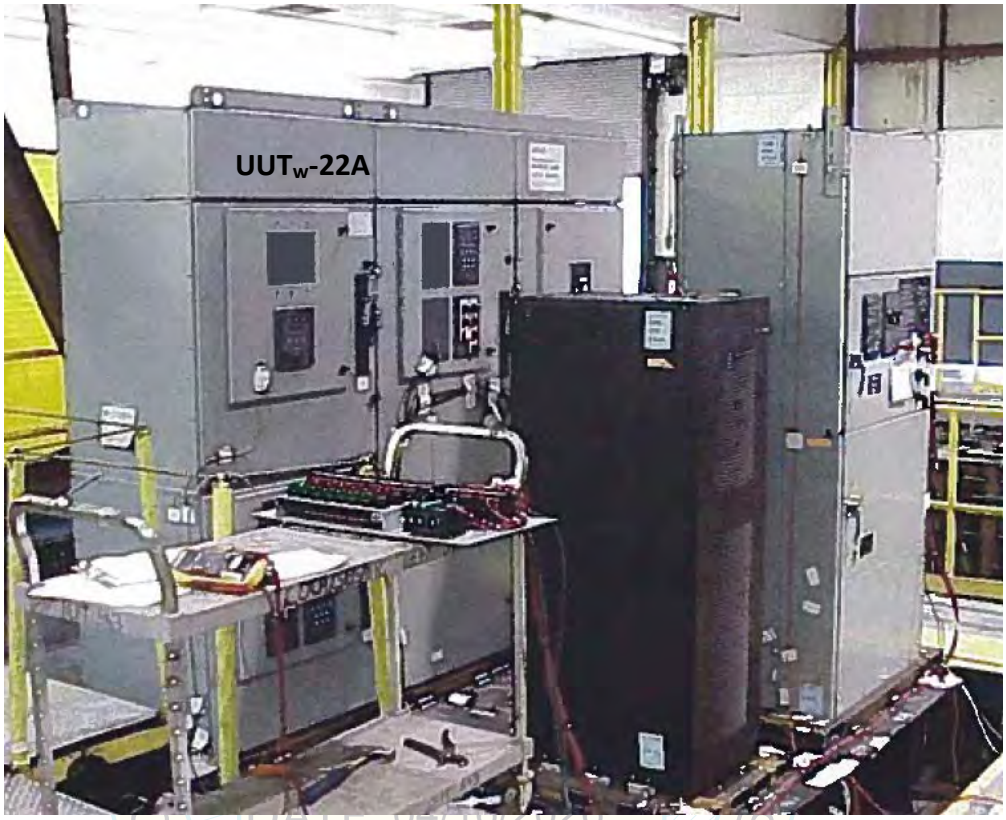
ID/Catalog Number	Manufacturer	Description	Weight (lbs)	Representative UUT [1]
A1536C3506580	Eaton	A 1536Avg LRA 3300v 60hz 3 coil	1486	Extrapolated
A1583E3506580	Eaton	A 1583Avg LRA 4160v 60hz 3 coil	1486	Extrapolated
A998K3506580	Eaton	A 998Avg LRA 6600v 60hz 3 coil	1721	Extrapolated
A1996P3506580	Eaton	A 1996Avg LRA 3300v 50hz 3 coil	1782	Extrapolated
A2058R3506580	Eaton	A 2058Avg LRA 4160v 50hz 3 coil	1782	Extrapolated
A998W3506580	Eaton	A 998Avg LRA 6600v 50hz 3 coil	1784	Extrapolated
A954X3506580	Eaton	A 954Avg LRA 6900v 50hz 3 coil	1784	Extrapolated
A2195N3506580	Eaton	A 2195Avg LRA 3000v 50hz 3 coil	1853	Extrapolated
A1240L3506580	Eaton	A 1240Avg LRA 6900v 60hz 3 coil	1886	Extrapolated
A2112A3506580	Eaton	A 2112Avg LRA 2400v 60hz 3 coil	1892	Extrapolated
A1996C3506580	Eaton	A 1996Avg LRA 3300v 60hz 3 coil	1892	Extrapolated
A2058E3506580	Eaton	A 2058Avg LRA 4160v 60hz 3 coil	1892	UUT_z-26C
A1297K3506580	Eaton	A 1297Avg LRA 6600v 60hz 3 coil	1893	Interpolated
A1297W3506580	Eaton	A 1297Avg LRA 6600v 50hz 3 coil	2007	Interpolated
A1240X3506580	Eaton	A 1240Avg LRA 6900v 50hz 3 coil	2007	Interpolated
A1359V3506580	Eaton	A 1359Avg LRA 6300v 50hz 3 coil	2013	Interpolated
A1427U3506580	Eaton	A 1427Avg LRA 6000v 50hz 3 coil	2017	Interpolated
A2594P3506580	Eaton	A 2594Avg LRA 3300v 50hz 3 coil	2127	Interpolated
A2674R3506580	Eaton	A 2674Avg LRA 4160v 50hz 3 coil	2127	Interpolated
A2744A3506580	Eaton	A 2744Avg LRA 2400v 60hz 3 coil	2184	Interpolated
A2594C3506580	Eaton	A 2594Avg LRA 3300v 60hz 3 coil	2184	Interpolated
A2674E3506580	Eaton	A 2674Avg LRA 4160v 60hz 3 coil	2184	Interpolated
A1612L3506580	Eaton	A 1612Avg LRA 6900v 60hz 3 coil	2196	Interpolated
A1685K3506580	Eaton	A 1685Avg LRA 6600v 60hz 3 coil	2201	Interpolated
A3371P3506580	Eaton	A 3371Avg LRA 3300v 50hz 3 coil	2308	Interpolated
A1854U3506580	Eaton	A 1854Avg LRA 6000v 50hz 3 coil	2323	Interpolated
A1685W3506580	Eaton	A 1685Avg LRA 6600v 50hz 3 coil	2337	Interpolated
A1612X3506580	Eaton	A 1612Avg LRA 6900v 50hz 3 coil	2337	Interpolated
A3013F3506580	Eaton	A 3013Avg LRA 4800v 60hz 3 coil	2385	Interpolated
A2191K3506580	Eaton	A 2191Avg LRA 6600v 60hz 3 coil	2388	Interpolated
A2096L3506580	Eaton	A 2096Avg LRA 6900v 60hz 3 coil	2395	Interpolated
A3567A3506580	Eaton	A 3567Avg LRA 2400v 60hz 3 coil	2525	Interpolated
A3371C3506580	Eaton	A 3371Avg LRA 3300v 60hz 3 coil	2525	Interpolated
A3476E3506580	Eaton	A 3476Avg LRA 4160v 60hz 3 coil	2525	UUT_z-26B

UUT_w-22A	UNIT UNDER TEST (UUT) SUMMARY SHEET	WEGAI W.E. Gundy & Associates, Inc. Structural & Earthquake Engineering

Mounting Details: Rigid floor mounted with (4) 1/2" grade 5 bolts



Manufacturer: Eaton	**Test Location:** Wyle Lab, Huntsville AL
Product Line: MV Motor Control	**Test Date:** October 6-10, 2008
Component: Ampgard-MC: XL08027	**Report Number:** 55906R08-8
UUT Function: Control and protection of medium voltage motors and equipment	
UUT Description: MV Motor Control with NEMA 1 frame, 800A Copper Bus, Eaton 400A Contactor (SL400), Eaton 400A Non Load Break Switch (JMT-4)	

UUT PROPERTIES

Weight (lbs)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
1,800	36.0	53.0	92.0	7.5	7.3	>33

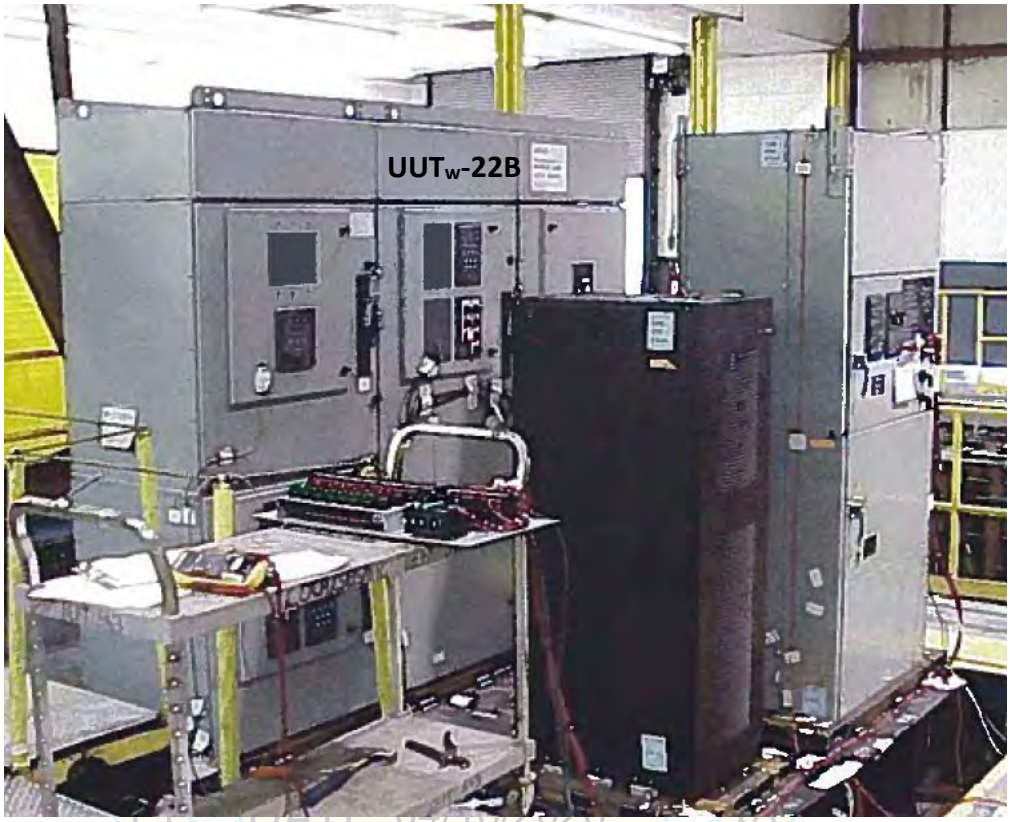
SEISMIC TEST PARAMETERS – CBC 2025 / ICC-ES AC 156-24

CODE	S_{DS} (g)	z / h	H_f	R_μ	I_P	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
CBC 2025	2.00	1.0	3.5	1.30	1.5	3.20	2.15	-	-
	2.50	0	1.0	1.0	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_w-22B	UNIT UNDER TEST (UUT) SUMMARY SHEET	WEGAI W.E. Gundy & Associates, Inc. Structural & Earthquake Engineering

Mounting Details: Rigid floor mounted with (4) 1/2" grade 5 bolts



Manufacturer: Eaton	**Test Location:** Wyle Lab, Huntsville AL
Product Line: MV Motor Control	**Test Date:** October 6-10, 2008
Component: Ampgard-MC: XL08027	**Report Number:** 55906R08-8
UUT Function: Control and protection of medium voltage motors and equipment	
UUT Description: MV Motor Control with NEMA 1 frame, 800A Copper Bus, Eaton 800A Non load break switch (JMT-8), [2] Eaton 720A Contactors (SL800)	

UUT PROPERTIES

Weight (lbs)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
1,200	36.0	53.0	92.0	7.5	7.3	>33

SEISMIC TEST PARAMETERS – CBC 2025 / ICC-ES AC 156-24

CODE	S_{DS} (g)	z / h	H_f	R_μ	I_P	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
CBC 2025	2.00	1.0	3.5	1.30	1.5	3.20	2.15	-	-
	2.50	0	1.0	1.0	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_w-22C	UNIT UNDER TEST (UUT) SUMMARY SHEET	WEGAI W.E. Gundy & Associates, Inc. Structural & Earthquake Engineering

Mounting Details: Rigid floor mounted with (4) 1/2" grade 5 bolts

Manufacturer: Eaton	**Test Location:** Wyle Lab, Huntsville AL
Product Line: MV Motor Control	**Test Date:** October 6-10, 2008
Component: Ampgard-MC: XL08027	**Report Number:** 55906R08-8
UUT Function: Control and protection of medium voltage motors and equipment	
UUT Description: MV Motor Control with NEMA 1 frame, 800A Copper Bus, Motortronics 720A Reduced Voltage Solid State Starter (MV4S-720)	

UUT PROPERTIES

Weight (lbs)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
1,295	36.0	53.0	92.0	7.5	7.3	>33

SEISMIC TEST PARAMETERS – CBC 2025 / ICC-ES AC 156-24

CODE	S_{DS} (g)	z / h	H_f	R_μ	I_P	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
CBC 2025	2.00	1.0	3.5	1.30	1.5	3.20	2.15	-	-
	2.50	0	1.0	1.0	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_x-23A	UNIT UNDER TEST (UUT) SUMMARY SHEET	WEGAI W.E. Gundy & Associates, Inc. Structural & Earthquake Engineering

Mounting Details: Rigid floor mounted with (4) 1/2" grade 5 bolts

Manufacturer: Eaton	**Test Location:** Wyle Lab, Huntsville AL
Product Line: MV Motor Control	**Test Date:** October 13-17, 2008
Component: Ampgard-MC: XL08028	**Report Number:** 55906R08-4B
UUT Function: Control and protection of medium voltage motors and equipment	
UUT Description: MV Motor Control with NEMA 3R frame, 800A Copper Bus, Eaton 400A Contactor (SL400), Eaton 400A Non Load Break Switch (JMT-4)	

UUT PROPERTIES

Weight (lbs)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
1,800	36.0	36.0	104.0	12.8	8.0	>33

SEISMIC TEST PARAMETERS – CBC 2025 / ICC-ES AC 156-24

CODE	S_{DS} (g)	z / h	H_f	R_μ	I_P	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
CBC 2025	2.00	1.0	3.5	1.30	1.5	3.20	2.15	-	-
	2.50	0	1.0	1.0	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_x-23B	UNIT UNDER TEST (UUT) SUMMARY SHEET	WEGAI W.E. Gundy & Associates, Inc. Structural & Earthquake Engineering

Mounting Details: Rigid floor mounted with (4) 1/2" grade 5 bolts

Manufacturer: Eaton	**Test Location:** Wyle Lab, Huntsville AL
Product Line: MV Motor Control	**Test Date:** October 13-17, 2008
Component: Ampgard-MC: XL08028	**Report Number:** 55906R08-4B
UUT Function: Control and protection of medium voltage motors and equipment	
UUT Description: MV Motor Control with NEMA 3R frame, 800A Copper Bus, incoming line section	

UUT PROPERTIES

Weight (lbs)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
750	36.0	36.0	104.0	12.8	8.0	>33

SEISMIC TEST PARAMETERS – CBC 2025 / ICC-ES AC 156-24

CODE	S_{DS} (g)	z / h	H_f	R_μ	I_P	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
CBC 2025	2.00	1.0	3.5	1.30	1.5	3.20	2.15	-	-
	2.50	0	1.0	1.0	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_y-24A	UNIT UNDER TEST (UUT) SUMMARY SHEET	WEGAI W.E. Gundy & Associates, Inc. Structural & Earthquake Engineering

Mounting Details: Rigid floor mounted with (4) 1/2" grade 5 bolts

Manufacturer: Eaton	**Test Location:** Wyle Lab, Huntsville AL
Product Line: MV Motor Control	**Test Date:** October 13-17, 2008
Component: Ampgard-MC: LX08029	**Report Number:** 55906R08-6
UUT Function: Control and protection of medium voltage motors and equipment	
UUT Description: MV Motor Control with NEMA 1 arc resistant frame, 800A Copper Bus, Eaton 400A Contactor (SL400), Eaton 400A Non-Load Break Switch (JMT-4)	

UUT PROPERTIES

Weight (lbs)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
2,343	37.3	55.0	123.5	8.0	7.2	> 33.0

SEISMIC TEST PARAMETERS – CBC 2025 / ICC-ES AC 156-24

CODE	S_{DS} (g)	z / h	H_f	R_μ	I_P	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
CBC 2025	2.00	1.0	3.5	1.30	1.5	3.20	2.15	-	-
	2.50	0	1.0	1.0	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_y-24B	UNIT UNDER TEST (UUT) SUMMARY SHEET	WEGAI W.E. Gundy & Associates, Inc. Structural & Earthquake Engineering

Mounting Details: Rigid floor mounted with (4) 1/2" grade 5 bolts

Manufacturer: Eaton	**Test Location:** Wyle Lab, Huntsville AL
Product Line: MV Motor Control	**Test Date:** October 13-17, 2008
Component: Ampgard-MC: XL08029	**Report Number:** 55906R08-6
UUT Function: Control and protection of medium voltage motors and equipment	
UUT Description: MV Motor Control with NEMA 1 frame, 800A Copper Bus, incoming line section	

UUT PROPERTIES

Weight (lbs)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
987	25.3	55.0	123.5	8.0	7.2	>33

SEISMIC TEST PARAMETERS – CBC 2025 / ICC-ES AC 156-24

CODE	S_{DS} (g)	z / h	H_f	R_μ	I_P	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
CBC 2025	2.00	1.0	3.5	1.30	1.5	3.20	2.15	-	-
	2.50	0	1.0	1.0	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_z-17	UNIT UNDER TEST (UUT) SUMMARY SHEET	WEGAI W.E. GUNDY & ASSOCIATES, INC. STRUCTURAL & EARTHQUAKE ENGINEERING

Mounting Details: Rigid floor mounted with (4) 1/2" grade 5 bolts

Manufacturer: Eaton	**Test Location:** Wyle Lab, Huntsville AL
Product Line: MV Motor Control	**Test Date:** Oct. 29 – Nov. 16, 2012
Component: Ampgard-MC: XL12029-2	**Report Number:** 70566R12
UUT Function: Control and protection of medium voltage motors and equipment	
UUT Description: MV Motor Control with NEMA 1 frame, 600A Copper Bus, Eaton 600A Load Break Switch	

UUT PROPERTIES

Weight (lbs)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
1,084	36.8	34.5	95.5	16.0	8.1	15

SEISMIC TEST PARAMETERS – CBC 2025 / ICC-ES AC 156-24

CODE	S_{DS} (g)	z / h	H_f	R_μ	I_P	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
CBC 2025	2.50	1.0	3.5	1.30	1.5	4.00	2.69	-	-
	2.50	0	1.0	1.0	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_z-26A	UNIT UNDER TEST (UUT) SUMMARY SHEET	WEGAI W.E. GUNDY & ASSOCIATES, INC. STRUCTURAL & EARTHQUAKE ENGINEERING

Mounting Details: Rigid floor mounted with (4) 1/2" grade 5 bolts

Manufacturer: Eaton	**Test Location:** Wyle Lab, Huntsville AL
Product Line: MV Motor Control	**Test Date:** Oct. 29 – Nov. 16, 2012
Component: Ampgard-MC: XL12029-3	**Report Number:** 70566R12
UUT Function: Control and protection of medium voltage motors and equipment	
UUT Description: MV Motor Control with NEMA 1 frame, 3000A Copper Bus, Motortronics 400A RVSS (MV4S-400), Eaton 400A Contactor (SL400), Eaton Non Load Break Switch (JMT-4)	

UUT PROPERTIES

Weight (lbs)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
1,766	36.3	34.5	95.8	9.2	7.1	>33

SEISMIC TEST PARAMETERS – CBC 2025 / ICC-ES AC 156-24

CODE	S_{DS} (g)	z / h	H_f	R_μ	I_P	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
CBC 2025	2.00	1.0	3.5	1.30	1.5	3.20	2.15	-	-
	2.50	0	1.0	1.0	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_z-26B	UNIT UNDER TEST (UUT) SUMMARY SHEET	WEGAI W.E. Gundy & Associates, Inc. Structural & Earthquake Engineering

Mounting Details: Rigid floor mounted with (4) 1/2" grade 5 bolts

Manufacturer: Eaton	**Test Location:** Wyle Lab, Huntsville AL
Product Line: MV Motor Control	**Test Date:** Oct. 29 – Nov. 16, 2012
Component: Ampgard-MC: XL12029-3	**Report Number:** 70566R12
UUT Function: Control and protection of medium voltage motors and equipment	
UUT Description: MV Motor Control with NEMA 1 frame, 3000A Copper Bus, Eaton Autotransformer (A3476E3506580)	

UUT PROPERTIES

Weight (lbs)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
3,055	36.0	34.5	95.8	9.2	7.1	>33

SEISMIC TEST PARAMETERS – CBC 2025 / ICC-ES AC 156-24

CODE	S_{DS} (g)	z / h	H_f	R_μ	I_P	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
CBC 2025	2.00	1.0	3.5	1.30	1.5	3.20	2.15	-	-
	2.50	0	1.0	1.0	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_z-26C	UNIT UNDER TEST (UUT) SUMMARY SHEET	WEGAI W.E. GUNDY & ASSOCIATES, INC. STRUCTURAL & EARTHQUAKE ENGINEERING

Mounting Details: Rigid floor mounted with (4) 1/2" grade 5 bolts

Manufacturer: Eaton	**Test Location:** Wyle Lab, Huntsville AL
Product Line: MV Motor Control	**Test Date:** Oct. 29 – Nov. 16, 2012
Component: Ampgard-MC: XL12029-3	**Report Number:** 70566R12
UUT Function: Control and protection of medium voltage motors and equipment	
UUT Description: MV Motor Control with NEMA 1 frame, 3000A Copper Bus, Eaton Autotransformer (A2058E3506580)	

UUT PROPERTIES

Weight (lbs)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
2,559	36.3	34.5	95.8	9.2	7.1	>33

SEISMIC TEST PARAMETERS – CBC 2025 / ICC-ES AC 156-24

CODE	S_{DS} (g)	z / h	H_f	R_μ	I_P	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
CBC 2025	2.00	1.0	3.5	1.30	1.5	3.20	2.15	-	-
	2.50	0	1.0	1.0	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_V-1	UNIT UNDER TEST (UUT) SUMMARY SHEET	WEGAI W.E. Gundy & Associates, Inc. Structural & Earthquake Engineering

Mounting Details: Rigid floor mounted with (4) 1/2" grade 5 bolts

Manufacturer: Eaton	**Test Location:** NTS Lab, Huntsville AL
Product Line: MV Motor Control	**Test Date:** April 4-8, 2022
Component: Ampgard-MC: XL021008-002	**Report Number:** PR154605-TR-22-1
UUT Function: Control and protection of medium voltage motors and equipment	
UUT Description: MV Motor Control with NEMA 1 Arc Resistant Frame, 800A copper bus, Eaton SL800 Contactor, Eaton RB-800 non-load break switch.	

UUT PROPERTIES

Weight (lbs)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
2,355	37.5	53.6	128	14.0	6.5	>33

SEISMIC TEST PARAMETERS – CBC 2025 / ICC-ES AC 156-24

CODE	S_{DS} (g)	z / h	H_f	R_μ	I_P	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
CBC 2025	2.30	1.0	3.5	1.30	1.5	3.68	2.48	-	-
	2.50	0	1.0	1.0	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$_V$-22	UNIT UNDER TEST (UUT) SUMMARY SHEET	WEGAI W.E. Gundy & Associates, Inc. Structural & Earthquake Engineering

Mounting Details: Rigid floor mounted with (4) 1/2" grade 5 bolts

Manufacturer: Eaton	**Test Location:** NTS Lab, Huntsville AL
Product Line: MV Motor Control	**Test Date:** April 4-8, 2022
Component: Ampgard-MC: XL021008-001	**Report Number:** PR154605-TR-22-1

UUT Function: Control and protection of medium voltage motors and equipment

UUT Description: MV Motor Control with NEMA 1 Arc Resistant Frame, 800A copper bus.

UUT PROPERTIES

Weight (lbs)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
1,233	26.0	52.5	128	14.0	6.5	>33

SEISMIC TEST PARAMETERS – CBC 2025 / ICC-ES AC 156-24

CODE	S_{DS} (g)	z / h	H_f	R_μ	I_P	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
CBC 2025	2.30	1.0	3.5	1.30	1.5	3.68	2.48	-	-
	2.50	0	1.0	1.0	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_u-10	UNIT UNDER TEST (UUT) SUMMARY SHEET	WEGAI W.E. Gundy & Associates, Inc. Structural & Earthquake Engineering

Mounting Details: Rigid floor mounted with (4) 1/2" grade 5 bolts

Manufacturer: Eaton	**Test Location:** NTS Lab, Huntsville AL
Product Line: MV Motor Control	**Test Date:** September 12-23, 2022
Component: Ampgard-MC: XL021006-001	**Report Number:** PR164193-TR-22
UUT Function: Control and protection of medium voltage motors and equipment	
UUT Description: MV Motor Control with NEMA 1 frame, 800A copper bus with (2) Eaton SL800 Contactors, Eaton JMT-8 Non load break Switch.	

UUT PROPERTIES

Weight (lbs)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
1,435	36.0	30.0	92.0	8.0	6.2	>33

SEISMIC TEST PARAMETERS – CBC 2025 / ICC-ES AC 156-24

CODE	S_{DS} (g)	z / h	H_f	R_μ	I_P	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
CBC 2025	2.30	1.0	3.5	1.30	1.5	3.68	2.48	-	-
	2.50	0	1.0	1.0	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_u-11	UNIT UNDER TEST (UUT) SUMMARY SHEET	WEGAI W.E. Gundy & Associates, Inc. Structural & Earthquake Engineering

Mounting Details: Rigid floor mounted with (4) 1/2" grade 5 bolts

Manufacturer: Eaton	**Test Location:** NTS Lab, Huntsville AL
Product Line: MV Motor Control	**Test Date:** September 12-23, 2022
Component: Ampgard-MC: XL021006-002	**Report Number:** PR164193-TR-22
UUT Function: Control and protection of medium voltage motors and equipment	
UUT Description: MV Motor Control with NEMA 1 frame, 800A copper bus with (2) Eaton 82-7011G01 RVSS Trucks.	

UUT PROPERTIES

Weight (lbs)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
1,187	36.0	31.0	92.0	8.0	6.2	>33

SEISMIC TEST PARAMETERS – CBC 2025 / ICC-ES AC 156-24

CODE	S_{DS} (g)	z / h	H_f	R_μ	I_P	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
CBC 2025	2.30	1.0	3.5	1.30	1.5	3.68	2.48	-	-
	2.50	0	1.0	1.0	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_t-3A	UNIT UNDER TEST (UUT) SUMMARY SHEET	WEGAI W.E. Gundy & Associates, Inc. Structural & Earthquake Engineering

Mounting Details: Rigid floor mounted with (4) 1/2" grade 5 bolts

Manufacturer: Eaton	**Test Location:** ETL, Dallas, TX
Product Line: MV Motor Control	**Test Date:** December 9, 2025
Component: Ampgard-MC: XL024020-001	**Report Number:** 17945-Rev2

UUT Function: Control and protection of medium voltage motors and equipment

UUT Description: MV Motor Control bus section with NEMA 1 Arc Resistant Frame, 400A copper bus.

UUT PROPERTIES

Weight (lbs)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
1,678	37.5	52.5	128.0	7.5	7.2	>33

SEISMIC TEST PARAMETERS – CBC 2025 / ICC-ES AC 156-24

CODE	S_{DS} (g)	z / h	H_f	R_μ	I_P	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
CBC 2025	2.00	1.0	3.5	1.30	1.5	3.20	2.15	-	-
	2.50	0	1.0	1.0	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_t-3B	UNIT UNDER TEST (UUT) SUMMARY SHEET	WEGAI W.E. GUNDY & ASSOCIATES, INC. STRUCTURAL & EARTHQUAKE ENGINEERING

Mounting Details: Rigid floor mounted with (4) 1/2" grade 5 bolts

Manufacturer: Eaton	**Test Location:** ETL, Dallas, TX
Product Line: MV Motor Control	**Test Date:** December 9, 2025
Component: Ampgard-MC: XL024020-001	**Report Number:** 17945-Rev2
UUT Function: Control and protection of medium voltage motors and equipment	
UUT Description:	MV Motor Control with NEMA 1 Arc Resistant Frame, 400A Copper Bus with 400A Eaton RB-400 Load Break Switch, and Eaton SL400 Fused Contactor.

UUT PROPERTIES

Weight (lbs)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
2,580	37.5	52.5	128.0	7.5	7.2	>33

SEISMIC TEST PARAMETERS – CBC 2025 / ICC-ES AC 156-24

CODE	S_{DS} (g)	z / h	H_f	R_μ	I_P	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
CBC 2025	2.00	1.0	3.5	1.30	1.5	3.68	2.15	-	-
	2.50	0	1.0	1.0	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.