



OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION

APPLICATION FOR OSHPD SPECIAL SEISMIC
CERTIFICATION PREAPPROVAL (OSP)

OFFICE USE ONLY

APPLICATION #: OSP – 0542 – 10

OSHPD Special Seismic Certification Preapproval (OSP)

Type: ☒ New ☐ Renewal

Manufacturer Information

Manufacturer: GE Industrial Solutions

Manufacturer's Technical Representative: Asanka Maithripala

Mailing Address: 6801 Industrial Dr., Mebane, NC 27302

Telephone: (919) 563-7292

Email: Asanka.Maithripala@ge.com

Product Information

Product Name: Secogear Switchgear

Product Type: Medium Voltage Switchgear

Product Model Number: See Certified Product Table attached

(List all unique product identification numbers and/or part numbers)

General Description: Medium voltage switchgear in light gauge sheet metal over metal framed enclosure. Seismic enhancements made to the UUTs & modifications required to address anomalies observed during the tests shall be incorporated into the production units. Units require installation of pad locks or an equivalent mechanism on all doors while in service.

Mounting Description: Rigidly floor mounted

Applicant Information

Applicant Company Name: GE Industrial Solutions

Contact Person: Asanka Maithripala

Mailing Address: 6801 Industrial Dr., Mebane, NC 27302

Telephone: (919) 563-7292

Email: Asanka.Maithripala@ge.com

I hereby agree to reimburse the Office of Statewide Health Planning and Development review fees in accordance with the California Administrative Code, 2016.

Signature of Applicant:

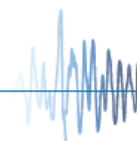
Date: November 9, 2017

Title: Lead Engineer/ Technologist

Company Name: GE Industrial Solutions

"Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs"

STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY
OSH-FD-759 (REV 12/16/15)



OSHPD

Page 1 of 3



**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION**

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

Company Name: Forell/Elsesser Engineers, Inc.

Name: Marco Scanu, SE

California License Number: S4454

Mailing Address: 160 Pine St., 6th Flr., San Francisco, CA 94111

Telephone: (415) 837-0700

Email: m.scanu@forell.com

Supports and Attachments Preapproval

- ☐ Supports and attachments are preapproved under OPM-
(Separate application for OSHPD Preapproval of Manufacturer's Certification (OPM) of Supports and attachments is required)
- ☒ Supports and attachments are not preapproved

Certification Method

☒ Testing in accordance with: ☒ ICC-ES AC156

☐ Other (Please Specify): _____

Testing Laboratory

Company Name: Clark Testing Laboratory

Contact Name: Russell Match

Mailing Address: 1801 Route 51, Jefferson Hills, PA 15025

Telephone: (412) 387-1025

Email: rmatch@clarktesting.com

"Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs"

STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY
OSH-FD-759 (REV 12/16/15)

OSHPD

Page 2 of 3



OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION

Seismic Parameters

Design in accordance with ASCE 7-10 Chapter 13: ☒ Yes ☐ No

Design Basis of Equipment or Components (F_p/W_p) = See attachment, Certified Products Table

S_{DS} (Design spectral response acceleration at short period, g) = See attachment, Certified Products Table

a_p (In-structure equipment or component amplification factor) = 2.5

R_p (Equipment or component response modification factor) = 6.0

Ω_0 (System overstrength factor) = 2.0

I_p (Importance factor) = 1.5

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

Equipment or Component Natural Frequencies (Hz) = See attachment, UUT Summary Sheets

Overall dimensions and weight (or range thereof) = See attachment, Certified Products Table

Equipment or Components @ grade designed in accordance with ASCE 7-10 Chapter 15: ☐ Yes ☒ No

Design Basis of Equipment or Components (V/W) = _____

S_{DS} (Design spectral response acceleration at short period, g) = _____

S_{D1} (Design spectral response acceleration at 1 second period, g) = _____

R (Response modification coefficient) = OSP-0542-10

Ω_0 (System overstrength factor) = _____

C_d (Deflection amplification factor) = BY: Ali Sumer

I_p (Importance factor) = 1.5

Height to Center of Gravity above base = DATE: 12/28/2018

Equipment or Component Natural Frequencies (Hz) = _____

Overall dimensions and weight (or range thereof) = _____

Tank(s) designed in accordance with ASME BPVC, 2015: ☐ Yes ☒ No

List of Attachments Supporting Special Seismic Certification

☒ Test Report(s) ☐ Drawings ☒ Calculations ☒ Manufacturer's Catalog

☒ Other(s) (Please Specify): Certified Products Table, Certified Subcomponents Table, UUT Summary Sheets

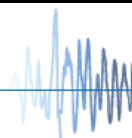
OSHPD Approval (For Office Use Only) – Approval Expires on December 31, 2022

Signature: [Signature] Date: December 28, 2018

Print Name: Ali Sumer Title: DSE

Special Seismic Certification Valid Up to : S_{DS} (g) = See Above z/h = See Above

Condition of Approval (if applicable): _____



General Electric - Medium Voltage Switchgear

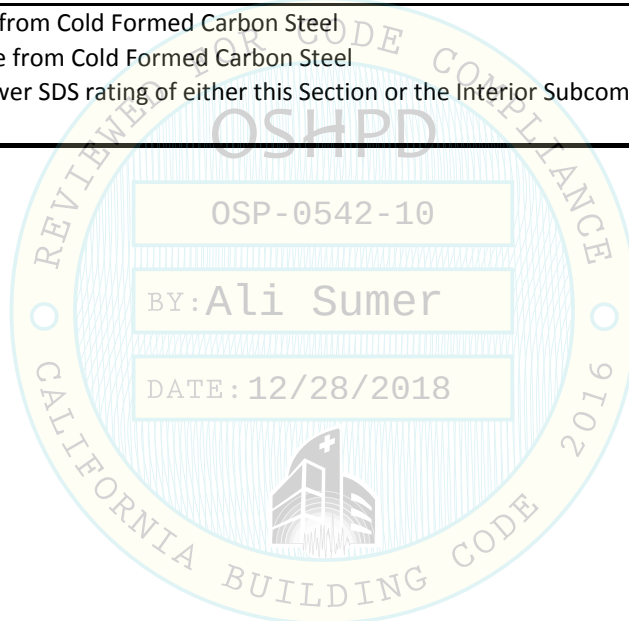
I. Certified Products Table

Secogear Medium Voltage Switchgear

Width	Depth	Height	Weight	Model No.	Test Status	z/h=1		z/h=0	
						S _{DS} (g)	F _p /W _p	S _{DS} (g)	F _p /W _p
36"	94"	95"	2,502 lbs	3PVA0040020002	16-00758 UUT-2B ¹	2.09	1.57	2.37	1.07
			3,554 lbs	3PVA0040010099	16-00758 UUT-1B ¹	1.11	0.83	1.30	0.59
			3,696 lbs	3PVA0040020013	16-00758 UUT-2A ¹	2.09	1.57	2.37	1.07
			2,502-4,429 lbs	3PVA*	Interpolated ¹	1.11	0.83	1.30	0.59
			4,429 lbs	3PVA0050010003	16-00758 UUT-1A ¹	1.11	0.83	1.30	0.59
20"	60"	123"	1,154 lbs	178LS4419ITEM1S1	3380 UUT6A ²	2.41	1.81	3.86	1.74
35"	20"	123"	1,604 lbs	178LS4419ITEM2S2	3380 UUT5B ²	2.43	1.82	3.89	1.75
35"	20"	90"	1,608 lbs	178LS4419ITEM2S1	3380 UUT5A ¹	2.43	1.82	3.89	1.75
40"	60"	90"	1,400 lbs	178LS4419ITEM1S2	3380 UUT6B ¹	2.41	1.81	3.86	1.74

Notes

1. Enclosures are NEMA 1 made from Cold Formed Carbon Steel
2. Enclosures are NEMA R3 made from Cold Formed Carbon Steel
3. SDS Rating is limited to the lower SDS rating of either this Section or the Interior Subcomponents - see Certified Subcomponents Table



General Electric - Medium Voltage Switchgear							
II. Certified Subcomponents Table							
Subcomponent	Manufacturer	Part #	Testing Status	z/h=1		z/h=0	
				S _{DS}	F _p /W _p	S _{DS}	F _p /W _p
Medium Voltage Circuit Breakers							
1200A 31.5kA Circuit Breaker	GE Industrial Solutions	SVEWCB1AAAZA000002	16-00758 UUT 2A	2.09 g	1.57	2.37 g	1.07
1200-2000A Circuit Breakers		SVEWC*	Interpolated	1.11 g	0.83	1.30 g	0.59
2000A 40kA Circuit Breaker		SVEWC32AAAZA000002	16-00758 UUT 1A	1.11 g	0.83	1.30 g	0.59
Indoor Voltage Transformers (VTs)							
VT: 2400/120 VAC	GE Multilin-ITI	PTG3260242FF	3380 UUT 6	2.41 g	1.81	4.23 g	1.90
VT: (2400/120 VAC - 14400/120 VAC)		PTG*	Interpolated	2.41 g	1.81	4.09 g	1.84
VT: 14400/120 VAC		PTG521101442FF	3380 UUT 5	2.43 g	1.82	4.09 g	1.84
Current Transformers (CTs)							
Model 780 CT (2000A:5A)	GE Multilin-ITI	780-202	16-00758 UUT 1A	1.11 g	0.83	1.30 g	0.59
Model 780*,781*,785*,786* Current Transformer		780*,781*,785*,786*	Interpolated	1.11 g	0.83	1.30 g	0.59
Model 786MR CT (C400)		786-402MR	16-00758 UUT 1B	1.11 g	0.83	1.30 g	0.59
SINGLE RATIO CT 1200/5		MS07848	16-00758 UUT 2A	2.09 g	1.57	2.37 g	1.07
Ground Sensor Current Transformers							
Model 592 Sensor (50A:5A C15 Sensor)	GE Multilin-ITI	592-500	16-00758 UUT 1A	1.11 g	0.83	1.30 g	0.59
Model 592*,593*,594* sensors		592*,593*,594*	Interpolated	1.11 g	0.83	1.30 g	0.59
Model 594 sensor (500A:5A C200 Sensor)		594-500	16-00758 UUT 1A	1.11 g	0.83	1.30 g	0.59
Model 140 sensor (50A:5A Sensor)		140-500	16-00758 UUT 2B	2.09 g	1.57	2.37 g	1.07
Model 140*,143* sensors		140*, 143*	Interpolated	1.11 g	0.83	1.30 g	0.59
Model 143 sensor (400A:5A C100 Sensor)		143-401	16-00758 UUT 1B	1.11 g	0.83	1.30 g	0.59
Medium Voltage Control Power Transformers (CPTs)							
15kVA CPT	GE Multilin-ITI	CPT5-95-15-1382A	16-00758 UUT 1B	1.11 g	0.83	1.30 g	0.59
15kVA-75kVA CPT		CPT5-95-15*,CPTN5-95-*,CPTD5-95*, CPTD3-60*	Interpolated	1.11 g	0.83	1.30 g	0.59
75kVA CPT		CPTD5-95-75 1442	16-00758 UUT 2A	2.09 g	1.57	2.37 g	1.07
Capacitor Trip Devices (CTDs)							
120VAC CTD	GE Multilin-ITI	CTDB-6-120	16-00758 UUT 1A	1.11 g	0.83	1.30 g	0.59
Control Switches							
95 switch	GE	952438D-L4R120	16-00758 UUT 1A	1.11 g	0.83	1.30 g	0.59
Control Relays							
Control Relays	GE Grid Solutions/Multilin	HFA51A49F-C60	16-00758 UUT 1B	1.11 g	0.83	1.30 g	0.59
	GE Grid Solutions/Multilin	MCRA040ATJ	16-00758 UUT 1B	1.11 g	0.83	1.30 g	0.59
	Potter & Brumfield	KUEP-11A15-120	16-00758 UUT 1A	1.11 g	0.83	1.30 g	0.59
	Struthers-Dunn	B255BXPB-120VAC	16-00758 UUT 1B	1.11 g	0.83	1.30 g	0.59
Push button and test switches							
Illuminated push button switch 120V	GE IS	CR104PBL11R3L2	16-00758 UUT 1A	1.11 g	0.83	1.30 g	0.59
Test Switch	ITI	FT-078	16-00758 UUT 1B	1.11 g	0.83	1.30 g	0.59
Note:							
1. SDS Rating is limited to the lower SDS rating of either this Section or the Certified Products Table							

General Electric - Medium Voltage Switchgear							
II. Certified Subcomponents Table							
Subcomponent	Manufacturer	Part #	Testing Status	z/h=1		z/h=0	
				S _{DS}	F _P /W _P	S _{DS}	F _P /W _P
Protection Relays							
Protection Relays	GE Multilin	350EP5G5HESNM1EDH	16-00758 UUT 1B	1.11 g	0.83	1.30 g	0.59
		350*, 345*, 339*, 750*, 469*, 489*. 745*	Interpolated	1.11 g	0.83	1.30 g	0.59
		469P5HIA20MOD004	16-00758 UUT 2A	2.09 g	1.57	2.37 g	1.07
		489P5HIA20-E-H	16-00758 UUT 2B	2.09 g	1.57	2.37 g	1.07
		745W2P5G5HIE	16-00758 UUT 2B	2.09 g	1.57	2.37 g	1.07
		F60: AHE0018F6N6E6CXX7K	16-00758 UUT 1B	1.11 g	0.83	1.30 g	0.59
		B30*,F35*,F60*,T60*	Interpolated	1.11 g	0.83	1.30 g	0.59
		B30-E00-HCH-F8J-H6C-LXX-NXX-SXX-UXX-WXX	16-00758 UUT 1A	1.11 g	0.83	1.30 g	0.59
		MIFPA55E000H00C	16-00758 UUT 1B	1.11 g	0.83	1.30 g	0.59
		F650BFBF1G0HI	16-00758 UUT 1B	1.11 g	0.83	1.30 g	0.59
		369HIRMF0MOD1	16-00758 UUT 2A	2.09 g	1.57	2.37 g	1.07
		850EP5NNG5HNNANNGSPBCSENNBN	16-00758 UUT 1A	1.11 g	0.83	1.30 g	0.59
Molded Case Circuit Breakers (MCCBs)							
TEB MCCB	GE	TEB122040WL	16-00758 UUT 2A	2.09 g	1.57	2.37 g	1.07
		TEB*	Interpolated	1.11 g	0.83	1.30 g	0.59
		TEB122070WL	16-00758 UUT 1B	1.11 g	0.83	1.30 g	0.59
Surge Arresters (TVSS)							
Arrestor Distribution- 3kV	GE	9L20FXX003XHS	3380 UUT 5	2.43g	1.82	3.89g	1.75
Arrestor Intermediate - 10kV		9L12PPM010S	3380 UUT 5	2.43g	1.82	3.89g	1.75
Arrestor Station - 21kV		9L11XPM021S	3380 UUT 5	2.43g	1.82	3.89g	1.75
Distribution/Intermediate/Station Class 36kV Max		9L*	Interpolated/ Extrapolated	2.43g	1.82	3.89g	1.75
Fuses EJO and CPT (up to 15.5kV)							
Fuse 0.25A	Mersen/ Ferraz-Shawmut	9F60CED003	3380 UUT 6	2.41g	1.81	3.86g	1.74
Fuse 5A		9F60CED005	3380 UUT 6	2.41g	1.81	3.86g	1.74
Fuse 25A		9F60BHH002	3380 UUT 5	2.43g	1.82	3.89g	1.75
Fuse 0.25A-900A		9F6*	Interpolated	2.41g	1.81	3.86g	1.74
Fuse 900A		9F62KCB900	3380 UUT 6	2.41g	1.81	3.86g	1.74
Note:							
1. SDS Rating is limited to the lower SDS rating of either this Section or the Certified Products Table							

OSP APPLICATION
GE – MV Secogear Switchgear
III. UUT Summary Sheets

Date: 8/13/2018

Test Report 16-00758 – UUT 1

UUT1A: YM345 2000A MV Secogear Switchgear
14 ga. Cold Formed Carbon Steel
36"W x 94"D x 95"H, 4,429 lbs
Floor mounted using: (4) – 1/2" Grade 5 bolts
UUT1B: YM346 1200A MV Secogear Switchgear
14 ga. Cold Formed Carbon Steel
36"W x 94"D x 95"H, 3,554 lbs
Floor mounted using: (4) – 1/2" Grade 5 bolts



UUT1A on left and UUT1B on right

Building Code	Test Criteria	S _{DS} (g)	z/h	I _p	Horizontal		Vertical	
					A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2016	ICC-ES AC 156	1.11	1.0	1.5	1.78	1.33	0.74	0.30
Natural Frequencies (Hz)			Test Results					
F-B	S-S	V	The UUT maintained structural integrity and functionality after the AC156 test. UUT full of contents during testing.					
8.95	8.75	28.29						

UUT-1A

Subcomponent	Manufacturer	Part #
Control Relay	Potter & Brumfield	KUEP-11A15-120
Illuminated push button switch 120V	GE IS	CR104PBL11R3L2
Protection Relay	GE Multilin	B30-E00-HCH-F8J-H6C-LXX-NXX-SXX-UXX-WXX
Protection Relay	GE Multilin	850EP5NNG5HNNANNGSPBCSENNB N
2000A 40kA Circuit Breaker	GE Industrial Solutions	SVEWC32AAAZA000002
Model 780 CT (2000A:5A)	GE Multilin-ITI	780-202
Model 592 Sensor (50A:5A C15 Sensor)	GE Multilin-ITI	592-500
Model 594 sensor (500A:5A C200 Sensor)	GE Multilin-ITI	594-500
120VAC CTD	GE Multilin-ITI	CTDB-6-120
95 switch	GE	952438D-L4R120

OSP APPLICATION
GE – MV Secogear Switchgear
III. UUT Summary Sheets

Date: 8/13/2018

Test Report 16-00758 – UUT 1

UUT1A: YM345 2000A MV Secogear Switchgear

UUT1B: YM346 1200A MV Secogear Switchgear

UUT-1B

Subcomponent	Manufacturer	Part #
Protection Relay	GE Multilin	350EP5G5HESNM1EDH
Protection Relay	GE Multilin	F60: AHE0018F6N6E6CXX7K
Protection Relay	GE Multilin	MIFPA55E000H00C
Protection Relay	GE Multilin	F650BFBF1G0HI
TEB MCCB	GE	TEB122070WL
Model 786MR CT (C400)	GE Multilin-ITi	786-402MR
Model 143 sensor (400A:5A C100 Sensor)	GE Multilin-ITi	143-401
15kVA CPT	GE Multilin-ITi	CPT5-95-15-1382A
Control Relay	GE Grid Solutions/Multilin	HFA51A49F-C60
Control Relay	GE Grid Solutions/Multilin	MCRA040ATJ
Control Relay	Struthers-Dunn	B255BXP-120VAC
Test Switch	ITi	FT-078

OSP APPLICATION
GE – MV Secogear Switchgear
III. UUT Summary Sheets

Date: 8/13/2018

Test Report 16-00758 – UUT 2

UUT2A: YM348 1200A MV Secogear Switchgear
14 ga. Cold Formed Carbon Steel
36"W x 94"D x 95"H, 3,696 lbs
Floor mounted using: (4) – 1/2" Grade 5 bolts
UUT2B: YM347 1200A MV Secogear Switchgear
14 ga. Cold Formed Carbon Steel
36"W x 94"D x 95"H, 2,502 lbs
Floor mounted using: (4) – 1/2" Grade 5 bolts

UUT-2A on left and UUT-2B on right



Building Code	Test Criteria	S _{DS} (g)	z/h	I _p	Horizontal		Vertical	
					A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2016	ICC-ES AC 156	2.09	1.0	1.5	3.34	2.51	1.40	0.56
Natural Frequencies (Hz)			Test Results					
F-B	S-S	V						
11.03	12.12	26.89						
The UUT maintained structural integrity and functionality after the AC156 test. UUT full of contents during testing.								

UUT-2A

Subcomponent	Manufacturer	Part #
1200A 31.5kA Circuit Breaker	GE Industrial Solutions	SVEWCB1AAAZA000002
SINGLE RATIO CT 1200/5	GE Multilin-ITl	MS07848
75kVA CPT	GE Multilin-ITl	CPTD5-95-75 1442
Protection Relay	GE Multilin	469P5HIA20MOD004
Protection Relay	GE Multilin	369HIRMF0MOD1
TEB MCCB	GE	TEB122040WL

UUT-2B

Subcomponent	Manufacturer	Part #
Model 140 sensor (50A:5A Sensor)	GE Multilin-ITl	140-500
Protection Relay	GE Multilin	489P5HIA20-E-H
Protection Relay	GE Multilin	745W2P5G5HIE

3380 – UUT 5: UUT 5A & UUT 5B

600A/1200A BreakMaster Load Interrupter Switchgear
Cold Formed Carbon Steel, NEMA 1 & 3R
Section A: 35"W x 60"D x 90"H, 1608 lbs
Section B: 35"W x 60"D x 123"H, 1604 lbs
Floor mounted using: (8) – 1/2"-13 bolts

UUT 5A



UUT 5B

Building Code	Test Criteria	S _{DS} (g)	z/h	I _p	Horizontal		Vertical	
					A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2016	ICC-ES AC 156	2.43	1.0	1.5	3.88	2.91	1.63	0.66
Natural Frequencies				Test Results				
F-B	S-S	V	The UUT maintained structural integrity and functionality after the AC156 test. UUT full of contents during testing.					
11.2 Hz	7.78 Hz	11.56 Hz						

3380 -UUT 5- Internal Components

Internal Components	Manufacturer	Part #
Copper Bus	GE	N/A
RBA Fuse: 400 A	GE	15RBA4-NH
RBA Fuse 800A	GE	15RBA8-INH
EJO Fuse 25A	Mersen	9F60BHH002
3E	S&C Electric	SCE122005R4
400E	S&C Electric	SCE132600R4
Fuse 15.5kV	Bussman	15-5CAVHO-53
600 Amp Switch	Power Con	110C9939P2
1200 Amp Switch	Power Con	110C9939P5
Current Transformer - 2000:5	ITI - GE	ITI#780202
VT: 14400/120 VAC	ITI - GE	PTG521101442FF
CPT: 14400/120 V	ITI - GE	CPTS59551442
Arrestor Distribution - 3kV	GE	9L20FXX003XH5
Arrestor Intermediate - 10 kV	GE	9L12PPM010S
Arrestor Station - 21kV	GE	9L11XPM021S

OSP APPLICATION
GE – MV Secogear Switchgear
III. UUT Summary Sheets

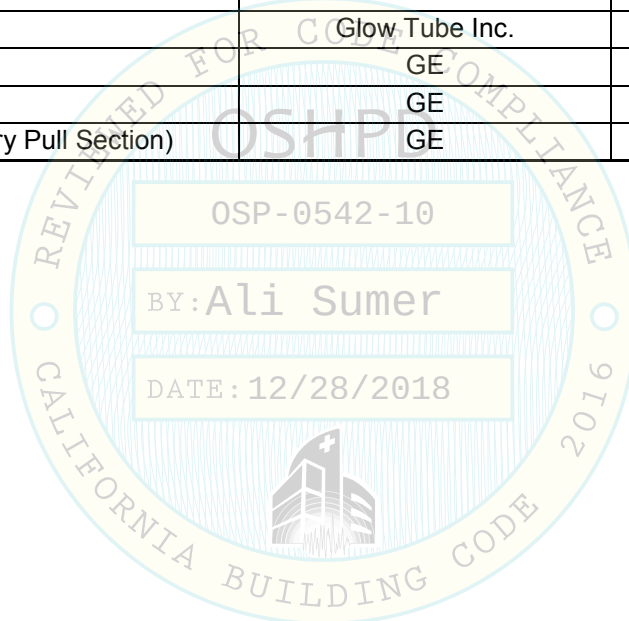
Date: 8/13/2018

3380 – UUT 5: UUT 5A & UUT 5B

600A/1200A BreakMaster Load Interrupter Switchgear

3380 -UUT 5- Internal Components Cont'd

Internal Components	Manufacturer	Part #
Voltmeter Selector Switch	American Solenoid (AMS)	A11A004721E
Voltmeter 0-2.4 kV	Crompton	077-05GA-PZUA-C6
Voltmeter 0-14.4 kV	Crompton	077-05GA-PZWD-C7
Glass-Polyester Insulator	GE	190B9905
Thermostat	Pfannenbergl Electro-Industries	270A9960
Space Heater ASM	GE	110C9991G1
Duplex Receptacle (Option with Thermostat)	GE	110C9661G3
Glow Tube	Glow Tube Inc.	RS05010002
Convenience Light	GE	TCA115-PH-SW
Low Voltage Box	GE	110C9814PV1
28 Inch Height (Top Entry Pull Section)	GE	N/A



3380 – UUT 6: UUT 6A & UUT 6B

600A/1200A BreakMaster Load Interrupter Switchgear
Cold Formed Carbon Steel, NEMA 3R & 1
Section A: 20"W x 60"D x 123"H, 1154 lbs
Section B: 40"W x 60"D x 90"H, 1400 lbs
Floor mounted using: (8) – 1/2"-13 bolts

UUT 6A

UUT 6B



Building Code	Test Criteria	S _{DS} (g)	z/h	I _p	Horizontal		Vertical	
					A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2016	ICC-ES AC 156	2.41	1.0	1.5	3.85	2.89	1.61	0.65
Natural Frequencies			Test Results					
F-B	S-S	V	The UUT maintained structural integrity and functionality after the AC156 test. UUT full of contents during testing.					
15.31 Hz	7.7 Hz	12.4 Hz						

DATE: 12/28/2018

3380 -UUT 6- Internal Components

Internal Components	Manufacturer	Part #
Copper Bus	GE	N/A
EJO Fuse 0.25A	Mersen	9F60CED003
EJO Fuse 5A	Mersen	9F60CED005
EJO Fuse 900A	Mersen	9F62KCB900
A-Series 25E	GE	A155F1C0R0-25E
A-Series 300E	GE	A155B3D0R0-300E
Fuse 5.5kV	Bussman	15-5CAVHO-53
Current Transformer - 100:5	ITI - GE	ITI#780101
VT: 2400/120 VAC	ITI - GE	PTG3260242FF
CPT: 2400/120 V	ITI - GE	CPTS3605242A
Power Quality Meter (PQM)	GE	PQMT20CA
Ammeter: 0-1A	Crompton	077-05FA-LALA-C6
Ammeter: 0-2000A	Crompton	077-05FA-LSTM-C7
Ammeter Selector Switch	American Solenoid (AMS)	A11A048723E
Voltmeter Selector Switch	American Solenoid (AMS)	A11A004721E
Porcelain Insulator	GE	190B9913
APVR Relay	APVR	APVR-120V
APVR Relay	APVR	APVR-480V
Low Voltage Box	GE	110C9814PV1
33 Inch Height (Top Entry Pull Section)	GE	N/A