



## APPLICATION FOR PREAPPROVAL SPECIAL SEISMIC CERTIFICATION OF EQUIPMENT AND COMPONENTS

*For Office Use Only*

**APPLICATION NO.**

**OSP-0114-10**

Check whether application is: NEW  RENEWAL

<b>1.0</b>	Caterpillar (CAT®) <i>Manufacturer</i>	Fred Paul <i>Manufacturer's Technical Representative</i>
	4955 Marconi Drive Alpharetta, GA 30005	1741 East Roseville Parkway #400 Roseville, CA 95661

*Mailing Address*

Office: (916) 780-4104 Cell: (916) 849-9803

*Telephone*

FredMPaul@eaton.com

*E-mail Address*

<b>2.0</b>	Caterpillar (CAT®) Intelligent Switchgear Organization LLC <i>Product Name</i>	Generator Switchgear Products Automatic Transfer Switches <i>Product Type</i>
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**See Eaton OSP-0010-10, OSP-0014-10, OSP-0018-10, and OSP-0019-10**

*Product model No (List all unique product identification numbers and/or serial numbers)*

*General Description:* EATON Corporation manufactures Generator Switchgear Products and Automatic Transfer Switches under the OSP's referred in the product model number above, which is then BRAND LABELED as Caterpillar (CAT®) - Intelligent Switchgear Organization LLC. Each product/regulatory submittal shall be accompanied by Eaton Certificate of Compliance in accordance with the CBC 2010 Section 1708A.4 and Eaton Label in accordance with the CBC 2010 Section 1703A.5.3. All the limitations and expiration date for the referenced Eaton OSP's shall apply to this approval.

<b>3.0</b>	Eaton Corporation <i>Applicant Company Name</i>	Fred Paul <i>Contact Person</i>
	1000 Cherrington Parkway Moon Township PA, 15108	1741 East Roseville Parkway #400 Roseville, CA 95661

*Mailing Address*

Office: (916) 780-4104

Cell: (916) 849-9803

*Telephone*

FredMPaul@eaton.com

*E-mail Address*

I hereby agree to reimburse the Office of Statewide Health Planning and Development for the actual costs incurred by the department for review.

*Fred Paul*  
*Signature of Applicant*

December 28<sup>th</sup>, 2010

*Date*

Specialist - Application Engineering

*Title*

Eaton Corporation

*Company Name*



**Registered Design Professional Preparing the Report**

4.0 William Merkel Associates  
*Company Name*

William Merkel SE1993  
*Contact Name* *California License Number*

2804 Fulton Avenue  
Sacramento, CA 95821  
*Mailing Address*

(916) 481-1962 wmase@pacbell.net  
*Telephone* *E-mail Address*

**California Licensed Structural Engineer Review and Acceptance of the Report**

5.0 William Merkel Associates  
*Company Name*

William Merkel SE1993  
*Contact Name* *California License Number*

2804 Fulton Avenue  
Sacramento, CA 95821  
*Mailing Address*

(916) 481-1962 wmase@pacbell.net  
*Telephone* *E-mail Address*

**Anchorage Pre-Approval**

6.0  Anchorage is pre-approved under OPA-  
 (Separate application for anchorage pre-approval is required)

Anchorage is not Pre-approved

**Certification Method**

7.0  Testing in accordance with:  ICC-ES AC-156  Other (Please Specify):  
See Section 2.0

Analysis  
 Experience data  
 Combination of Testing, Analysis, and/or Experience Data (Please Specify):

**Testing Laboratory (if applicable)**

8.0 Wyle Laboratories Don Smith  
*Company Name* *Contact Name*

7800 Highway 20 West  
Huntsville, AL 35806  
*Mailing Address*

(256) 716-4445 Don.Smith@Wyle.com  
*Telephone* *E-mail:*



Approval Parameters

9.0

Design in accordance with ASCE 7-05 Chapter 13:  Yes  No

Design Basis of Equipment or Components (Fp/Wp) = See Section 2.0
SDS (Spectral response acceleration at short period) = See Section 2.0
ap (In-structure equipment or component amplification factor) = See Section 2.0
Rp (Equipment or component response modification factor) = See Section 2.0
Ip (Importance factor) = 1.5
z/h (Height factor ratio) = See Section 2.0

Equipment or Component fundamental period(s) = See Section 2.0
Building period limits (if any) = N/A
Overall dimensions and weight (or range thereof) = See Section 2.0

Equipment or Components @ grade designed in accordance with ASCE 7-05 Chapter 15:  Yes  No

Design Basis of Equipment or Components (VW) =
SDS (Spectral response acceleration at short period) =
S1 (Spectral response acceleration at 1 second period) =
R (Response modification coefficient) = 1.0
Omega0 (System overstrength factor) = 1.0
Cd (Deflection amplification factor) = 1.0
Ip (Importance factor) = 1.5
Height to Center of Gravity above base =
Equipment or Component fundamental period(s) = Sec
Overall dimensions and weight (or range thereof) =

Tank(s) designed in accordance with ASME BPVC, 2007:  Yes  No

10.0 List of attachments supporting the special seismic certification of equipment or components:

- Test Report, Drawings, Manufacturer's Catalog, Calculations, Others (Please Specify): See Section 2.0

11.0 OSHPD Approval (For Office Use Only)

Handwritten signature of Chris Tokas

Chris Tokas, SHFR

1/12/2011

December 31, 2016

Approval Expiration Date
SDS (g) = See Section 2.0 z/h = 1.0

Special Seismic Certification Valid Up to

Condition of Approval (if any): Expiration date in the Eaton OSP's listed in Section 2.0 shall be applicable in addition to expiration date shown in this section.