

Industrial Electric Mfg™ 48205 Warm Springs Blvd Fremont CA 94539 dir 510.656.1600 fax 510.656.6250 www.iemfg.com

CERTIFICATE OF SEISMIC COMPLIANCE MV metal-clad switchgear and MV metal-enclosed switchgear

SEISMIC QUALIFIED	
IBC-2018	CBC-2019
ICC-ES-AC-156	IEEE 693-2005
~MMMMMMmm	
MUST BE INSTALLED PER APPLICABLE CODE AND MANUFACTURER RECOMMENDATIONS	
	SEISMIC_693_2019

Seismic Test Standards: IBC-2018, CBC-2019, IEEE 693-2005 and ICC ES-AC-156

Seismic Design in accordance with ASCE 7-10 Chapter 13 Seismic Parameters: Design Spectral Response at Short Period, $S_{DS} = 2.0g$ In-structure equipment or component amplification factor, $a_P = 2.5$ Equipment or component response modification factor, $R_P = 6.0$ Importance factor, $I_P = 1.5$ Height factor ratio, z/h = 1.0

&

<u>Test Laboratories:</u> Southwest Research Institute (SWRI) 6220 Culebra Street San Antonio, TX 78228

Pacific Earthquake Engineering Research Lab (PEER) 1301 South 46th Street Richmond, CA 94804

Test/Consulting Engineer

Ashok Kulkarni

Structural Engineering Consultant

Mungen

Marco Scanu, SE #4454 Forell|Elsesser Engineers, Inc. 160 Pine Street, San Francisco, CA 94111

IEM has prepared this seismic certificate based on extensive seismic testing at SWRI and PEER Laboratories. Furthermore, OSHPD, Forell Elsesser, and SWRI/PEER have also reviewed the seismic test data to provide an independent confirmation of passing all seismic tests.

