

MRH

IEEE 693-05 SEISMIC ANALYSIS-QUALIFICATION CERTIFICATE

IEEE 693-05 BATTERY RACKS MANUFACTURED BY

Passoni Paolo e figli S.r.l.
Via Aristotele, 32
29047 Brugherio (MI) - Italy

alpha industrie-bedarfs gmbh
Niedesheimer Str. 26
DE-67558 Worms - Germany

The IEEE 693-05 battery racks produced by Passoni alpha are hereby certified for compliance with the following Code:

**IEEE 693-05 - Recommended Practice for Seismic Design of substations by:
The Institute of Electrical and electronics Engineers, Inc.**

These racks are two-tier racks with one, two and three sections (bays) and identified as 1S1, 1S2, 2S1, 2S2, 2S3, 2S4, 2S5, 2S6, 2S7, 2S8, 3S1, 3S2, 3S3, 3S4, 3S5, 3S6, 3S7, 3S8 and 3S9 in our seismic qualification report dated August 1, 2012. These battery racks are hereby seismically qualified for their structural adequacy for the high seismic Required Response Spectrum (RRS) with ZAP of 0.1g as defined by the above code. The maximum battery mass and other limitations of this qualification are included in our seismic qualification report dated August 1, 2012. The IEEE 693-05 battery racks shall have seismic qualification plates attached to them to last their service life.

MRH Structural Engineers, Inc.
1411 N. Batavia Street, Suite 121
Orange, California 92667
Phone: (714) 833-0302
WWW.MRHSE.COM

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