

Report 7440-13-GR

26 April 2013

Tested: 26 April 2013

TESTING OF SAFTY RAILING

Client:

SĀFTRON

SĀFTRON Manufacturing, LLC

6012 33rd St E

Bradenton, FL 34203- USA

Phone: (305) 233-5511, Fax: (941) 751-2802

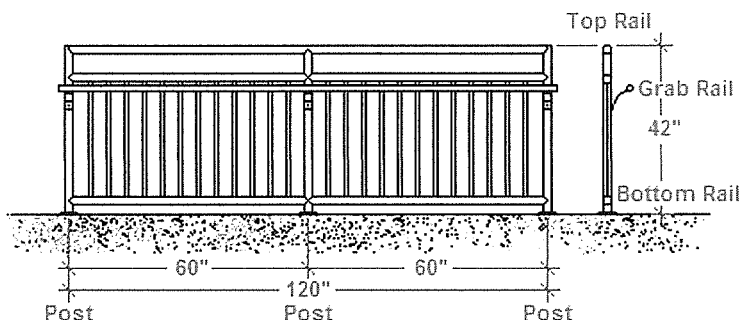
General: Load tests on Aluminum / PCV Plastic Safety Railings to show conformance to requirements of the Florida Building Code, FBC-2010.

Witness to Testing:

Robert Weise, SĀFTRON Manufacturing, LLC
George Dotzler, CRL Director of Operations

Yamil G. Kuri, P.E., Official Witness
Robert Vilan, CRL Test Engineer

Description of Specimen: The test specimen consisted of a composite structure of PVC pipe and aluminum pipe as shown in the below referenced drawings. The test specimen was also of the nominal dimensions as shown at right (as viewed from interior side, all diagrams are similar).



Statement of Conformance: The specimen is in conformance with drawings provided by the manufacturer. These drawings have been marked to indicate the portions descriptive of these tests.

Labeled:

2400 SERIES ALUMINUM TEST RAIL, PLATE MOUNT

Date: 4/22/2013 Sheet 1 Of 1

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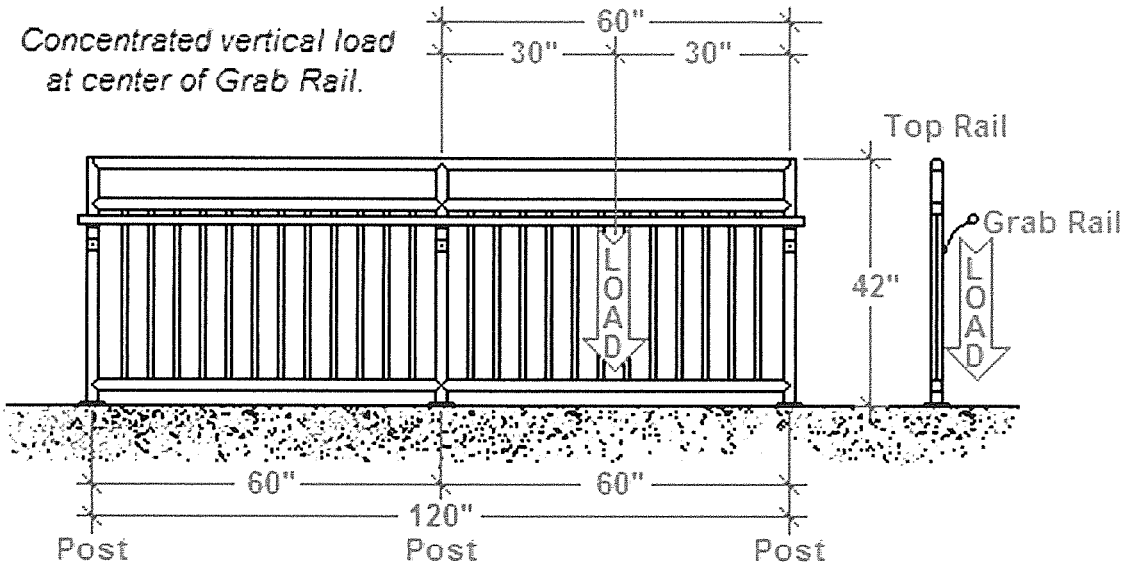
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APR 26 2013

Tests upon Handrails and Guards



Test I – Load on Grab Rail: A vertical load was applied, for sixty seconds, to the grab rail at the center between posts (as shown in the diagram at right). Results as follows:

Code	Load (Pounds)	Results
FBC-2010	250.0	No Failure / Pass

Summary: This test was conducted in accordance with the requirements of the Florida Building Code requirements for hand railings; the tested sample passed the required load without failure or damage.

Respectfully submitted,

CONSTRUCTION RESEARCH LABORATORY, INC.

Report by George Dotzler:

Test witnessed & report reviewed
by Yamil G. Kuri, P.E.:

APR 26 2013