

September 18, 2012

Certification No: CTC 3025-01

Attention: Björn Schindler
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Reference: a. ATA 300
b. PO# ST38130
c. Quote CTQ CTQ 11814A
d. CascadeTEK Job No. 3025



Cascade Technical Sciences
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TESTING CERT #2582.01

CERTIFICATION

Cascade Technical Sciences here by certifies that two (2) Casys Boxes were subjected to the following tests:

1. Drop Test per Reference (a) Section B-2-5 and (c) Item 1, Casys Box samples #1 and #2 were each exposed to 160 face drops (divided among all faces) and 80 edge drops (divided among all edges) and 40 corner drops (divided among all corners from a height per Table B-2.1.1).
2. Vibration Test per Reference (a) Section B2-4, Ref. ASTM D-999 Method B and (c) Item 2, Casys Box samples #1 and #2 were exposed to a pre-test resonance scan between 5-50Hz using either random or sine sweep methods followed by a 2 hour dwell at each resonance.
3. Penetration Test per Reference (a) B-2-5 and (c) Item 3, Casys Box samples #1 and #2 were exposed to steel bar drops from a height of 0.5 meters onto the weakest point of an exterior surface. Steel bar configuration was of 6kg with a 3.2 diameter and a hemispherical tip at one end and dropped from the vertical position.

Testing was done in accordance with the above references as evidenced and reported in the accompanying data.

The original of this report is on file at Cascade Technical Sciences, Inc. under the above referenced certification number for review by authorized personnel. The results of the testing reported herein relate only to the actual items tested.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "David Bowles".

David Bowles
Quality Administrator
Cascade Technical Sciences, Inc.

This test certification shall not be reproduced, except in full, without written authorization from Cascade Technical Sciences.
Total number of pages in this document is 57.

The objective of this test program was to subject customer provided test hardware to environmental simulation in compliance with customer stated specification, including any authorized modification, deviations or concessions to the original requirements. The hardware consisted of items identified in the appropriate sections of this report. In addition to test hardware identification, each section contains information that describes the associated test setup and performance and the resulting data. CascadeTEK, Inc measuring instruments used in testing were calibrated according to the requirements of ANSI/NCSL Z540-1-1994 and are NIST traceable. Calibration records are on file and available for inspection by request. Because the test methods are well established and are qualitative or semi-quantitative in nature, CascadeTEK, Inc does not apply measurement uncertainty unless obligated by contract. Measured value related to the corresponding tolerance requirement is used to decide whether a test meets the requirements of the specification. Any test hardware operational setups and resulting evaluations or inspections performed by the customer are not included in this report, unless they were explicitly requested. While observations and/or specification compliance statements may be reported, no interpretations or opinions regarding customer product performance are intended. Unless otherwise indicated in the appropriate report section, all contract obligations were met and the test objective achieved.