GF9 – 10/04

February 9, 2009

Certification No: CTC 8930A

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Reference:
a. per CEI/IEC 60529: 2001
b. PO# 009611-00
c. Quote CTQ 7028
d. Cascade TEK Job No. 8930

ACCREDITED
No. 2582.01

CERTIFICATION

Cascade Technical Sciences hereby certifies that Two (2) Crystal Engineering XP2i Series and XP2i-DD Series Digital Pressure Gauges, M/N and S/N listed below, were subjected to the following tests:

1. Dust Test per Reference (a) (IP-6X), Category 2, Paragraph 13.4 and (c) Item 1, sample was exposed to 8 hours of dust exposure using talcum powder as dust with a concentration level of 2kg/m³. M/N 10,000 PSI, S/N 488842. No dust intrusion was noted.
2. Temporary Immersion Test per Reference (a) (ip-X7), Paragraph 14.2.7 and (c) Item 2, sample was immersed in 1 meter of water for a period of 30 minutes. No water intrusion was found in the electrical device. M/N 500 PSI, S/N 960519.

Testing was done in accordance with the above references as evidenced and reported in the accompanying data. The test samples were returned to the customer's facility for evaluation.

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,

David Bowles
Quality Manager
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 14.

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 Z540-1-1944, ISO/IEC 17025-2005 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.