SGS U.S. Testing Company Inc.

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CLIENT: **VERTEX STANDARD U.S.A. INC.**
10900 Walker Street
Cypress, CA 90630
Attn: Mikio Maruya

Test Report No: 167048 **Date: April 23, 2002**

SAMPLE ID: Vertex Standard FNB-V69LIIS, DC7.4V, 2400mAh lithium-ion battery pack.

DATE OF RECEIPT: Entered into SGS U.S. Testing Company Inc., Los Angeles Branch sample tracking system on March 4, 2002 as Sample Tracking Number 34489.

TESTING PERIOD: Sample was tested from April 16, 2002 through April 22, 2002.

AUTHORIZATION: Client's Purchase Order Number 4500005294, dated April 5, 2002.

TESTS REQUESTED: Intrinsic Safety evaluation of above sample as a replacement for originally approved power source for use with Vertex Standard Model VX-900 and VX-600 VHF and UHF FM Transceivers to the requirements of ANSI/UL 913-88, Intrinsically Safe Apparatus and Associated Apparatus, for Division 1, Class I, Groups A, B, C and D, Class II, Groups E, F, G and Class III hazardous locations.

REFERENCES: SGS U.S. Testing Company Report Number 160197 dated November 7, 2001.

CONCLUSION: Considering the evaluations and reviewed tests from the report listed above, the Vertex Standard FNB-V69LIIS, DC7.4V, 2400mAh lithium-ion battery pack is a suitable replacement for use with an approved VX-900 or VX-600 transceiver, which will continue to meet the requirements of ANSI/UL913-88, Division 1, Class I, Groups A, B, C and D, Class II, Groups E, F, G and Class III hazardous locations. In addition, they would also continue to be permitted in Division 2, Class I, Groups A, B, C and D, Class II, Groups F, G and Class III hazardous locations.

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End of Report

Prepared By

Chris Lund
Project Engineer

Signed for and on behalf of SGS U.S. Testing Company Inc.

John Lomash
Branch Director

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