SGS U.S. Testing Company Inc.
5555 Telegraph Road • Los Angeles, CA 90040 • Tel: 323-838-1600 • Fax: 323-722-8251

CLIENT: VERTEX STANDARD U.S.A. INC.
17210 Edwards Road
Cerritos, CA 90703

Attn.: Richard Galvan

Test Report No: 160197	Date: November 7, 2001

SAMPLE ID: Vertex Standard Models VX900V, VX-600, VHF and UHF FM transceivers, Yaesu FBNV68LI Lithium Ion Battery, F2D8 2Tone Decode Unit, VTP50 VXTrunking Board, FVP25 Encryption/DTMF Pager Unit, Speaker/Microphone MH50A7A, VH110, VH-120 and VH130.

DATE OF RECEIPT: Entered into SGS USTC sample tracking system on May 18, 2001 as STN 33303.

TESTING PERIOD: August 28, 2001 through October 11, 2001

AUTHORIZATION: Client's Purchase Order Number 8763 dated August 30, 2001

REFERENCES: ANSI/UL 913-88, "Intrinsically Safe Apparatus and Associated Apparatus for in Class I, II, and III, Division 1, Hazardous Locations", Fourth Edition dated July 29, 1988.

SGS U.S. Testing Company Inc. Report Number 139453 dated March 3, 2001.

TESTS REQUESTED: Intrinsic Safety evaluations of above sample 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.

TEST RESULTS: Results starting on page 3 and concluding on page 9.

CONCLUSION: Considering the tests and evaluations that were conducted, the Vertex Standard Models VX900V, VX-600, VHF and UHF FM transceivers, Yaesu FBNV68LI Lithium Ion Battery, F2D8 2Tone Decode Unit, VTP50 VXTrunking Board, FVP25 Encryption/DTMF Pager Unit, Speaker/Microphone MH50A7A, VH110, VH120 and VH130 were found to comply with the requirements of ANSI/UL 913-88 for Division 1, Class I, Groups A, B, C and D, Class II, Groups E, F, G, and Class III. In addition, they are permitted in Division 2, Class I, Groups A, B, C and D, Class II, Groups F, G, and Class III. The units are recommended for inclusion in the SGS U.S. Testing Company listing program.

Prepared by
Chris Lund
Project Engineer

Signed for and on behalf of
SGS U.S. Testing Company Inc.
Joan Lomash
Branch Director

This report is issued by SGS U.S. Testing Company Inc. under its General Conditions for Testing Services (copy available upon request). SGS U.S. Testing's responsibility under this report is limited to proven negligence and will in no case be more than the amount of the testing fees. Except by special arrangement, samples are not retained by SGS U.S. Testing for more than 30 days. The results shown on this test report refer only to the sample(s) tested unless otherwise stated, under the conditions agreed upon. Anyone relying on this report should understand all of the details of the engagement. Neither the name, seals, marks nor insignia of SGS U.S. Testing may be used in any advertising or promotional materials without the prior written approval of SGS U.S. Testing. The test report cannot be reproduced, except in full, without prior written permission of SGS U.S. Testing Company Inc.
Member of the SGS Group (Société Générale de Surveillance)