



CLIENT : KENWOOD USA CORP., COMMUNICATIONS DIVISION
Address : 3975 Johns Creek Court, Suite 300
City : Suwanee, GA 30024
Attn : Joel Berger

Test Report No: 115959 R1 Date: August 9th, 2005

This Report supersedes all previous documents bearing the reference 115959

SAMPLE DESCRIPTION : Test and Evaluation of Kenwood Transceiver models TK-2160-K, TK-3160-K, TK-3160-K2 and TK-3160-K3 with previously evaluated Kenwood battery packs KNB-24L and KNB-40LC

Date of receipt : 6 / 15 / 2004

Testing period : 6 / 30 / 2004 through 9 / 15 / 2004

AUTHORIZATION : SGS USTC confirmation and Client Purchase Order

REFERENCES : ANSI/UL 913, "Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II and III, Division 1, Hazardous (Classified) Locations", Sixth Edition. ANSI/NFPA 70, National Electrical Code, Articles 500 and 505. Canadian Electrical Code, Part I, C22.1. 6.1.2.

TEST(S) REQUESTED: Intrinsic safety evaluation of the above sample to the requirements of ANSI / UL 913, "Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations", Sixth Edition

TEST RESULTS: See accompanying Test Report

CONCLUSION: Considering the tests and evaluation conducted, the Kenwood model TK2160/3160 transceivers were found to comply with INTRINSICALLY SAFE requirements of ANSI/UL 913-6 ed for Division 1, Class I, Groups A, B, C & D, Class II, Groups E, F & G, Class III hazardous locations only as evaluated with Kenwood Battery packs KNB-24L, KNB-40LC and towards SGS USTC Listing & Labeling Program. In addition, they are permitted in Division 2, Class I, Groups A, B, C and D, Class II, Groups F, G, and Class III.

Prepared By

Reviewed By

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

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