

CLIENT : VERTEX STANDARD  
Address : 10900 Walker Street  
City : Cypress, Orange, CA 90630  
Attn : Mikio Maruya

**Test Report No: 128431**

**Date: April 5th, 2005**

SAMPLE ID : Vertex Standard Transceiver model VX-410/420

Date of receipt : **6 / 15 / 2004**

Testing period : 7 / 30 / 2004 - 3 / 24 / 2005

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.

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 with regards to the VX-537 transceiver approved in this Report

TEST RESULTS: See attached Test Report MET 16559

CONCLUSION: Considering the tests and evaluation conducted, the Vertex Standard model VX-410/420 Transceiver, when used in conjunction with Accessories MH-45B4B (External Microphone), Accessory Boards DVS5, FVP25 and Vertex Standard battery pack FNB-V57IS, is approved in this Report for the INTRINSICALLY SAFE requirements of CLASSES I, II, III, DIV 1, GROUPS A, B, C, D, E, F, G Hazardous locations.

**Reviewed By**

*Ray Lopez*

Ray Lopez  
Project Engineer  
Electrical Conformity Assessment

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

*Wayne Gruber*

Wayne Gruber  
Manager  
Electrical Conformity Assessment