



CLASSIFICATION REPORT INTERTEK ETL SEMKO

3933 US ROUTE 11

CORTLAND, NY 13045

Job No. 3084917

Issued: May 25, 2006
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REPORT NO. 3084917-H01

INSPECTION, TESTS AND EVALUATION
OF A
HAZARDOUS LOCATION AIR CONDITIONER

RENDERED TO

ICE QUBE, INC
GREENSBURG, PA, 15601

GENERAL: This Classification Report gives the results of the inspection, tests, and evaluation of the IQ series Hazardous location Air Conditioners. The products were investigated for compliance with the applicable requirements of the standards for Electrical Equipment for Use in Class I and II, Division 2, and Class III Hazardous, (Classified) Locations (UL-1604, 3 February, 2004) and Non-incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations (CSA C22.2 No. 213-M1987, reaffirmed 2008), with regard to the risk of explosion. The risks of fire, shock, injury, or other hazards have not been investigated. The investigation was begun on February 1, 2006 and completed on May 4, 2006. A Production sample in good condition was provided by the client on January 9, 2006 and tested at INTERTEK's Cortland, NY facility. The CSA C22.2 No. 213 investigation was begun on February 25, 2009 and completed on February 27, 2009. A Production sample in good condition was provided by the client on February 11, 2009 and tested at INTERTEK's Cortland, NY facility.

Electrical Equipment for Use in Class I and II, Division 2, and Class III, Hazardous, (Classified) Locations (UL-1604, 3 February, 2004)

Non-incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations (CSA C22.2 No. 213-M1987, reaffirmed 2008)

<u>Participant:</u>	Ice Qube, Inc. 141 Wilson Avenue Greensburg, PA 15601	<u>Manufacturer:</u>	Same as Participant
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INTRODUCTION

PRODUCT COVERED:

Hazardous Location Air Conditioner

Models: IQ1800TS, IQ2000TXS, IQ2000VXS, IQ2200VS, IQ2300TSHA, IQ2400VXS, IQ2500T, IQ2500TS, IQ2500TSHA, IQ2500TXS, IQ2500V, IQ3000T, IQ3000VS, IQ3500V, IQ3800VS, IQ4000T, IQ4000TS, IQ4000V, IQ4000VB, IQ4000VS, IQ4000V16HA, IQ4500V, IQ5000T, IQ5000V, IQ5000V16, IQ5000V16HA, IQ6000T, IQ6000V16, IQ6000V16HA, IQ8000V16, IQ8000VHA, IQ10000V, IQ12000V, IQ14000V, IQ17000V, IQ20000V, IQ4000VXS, IQ5000VXS, IQ6000VXS.

Classification For: Explosion Risk Only

For Use In: Class I, Division 2, Groups B – D Hazardous Locations

For Use In: Class I, Zone 2, Group IIB Hazardous Locations

Operating Temperature Code: T3;

Ambient Temperature Range: -4°F to +135°F for HA units and -4°F to 131°F for all others

PRODUCT DESCRIPTION:

The products covered by this report are permanently connected Class I, Division 2, Groups B-D or Class I, Zone 2 Group IIB hazardous location air conditioners. The units are for permanent electrical connection and are mounted with half of the unit inside an enclosure and half exposed to the environment.

MODEL SIMILARITY:

All models are similar. The models differ in size and cooling capacity.

<u>Suffix</u>	<u>Description</u>
HA	High Ambient (-4 to 135°F)
T	Top Mount
TS	Slim Top Mount
V	Vertical Mount
VHA	Vertical High Ambient (-4 to 135°F)
VXS	Extra Slim Vertical
XP1,XP2	Outdoor
TXS	Extra Slim Top Mount
VS	Slim Vertical Mount