

**Intertek**

# TEST REPORT

**UL 1784**

**AIR LEAKAGE TESTS  
OF DOOR ASSEMBLIES**

**Series 2000 IDS  
(Isolation Door System)**

Project No. 100293798SAT-003A

April 27, 2011

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### ABSTRACT

This report describes the results obtained when the **Horton Automatics Series 2000 IDS (Isolation Door System)** was tested using the UL 1784 "Standard for Air Leakage Tests of Door Assemblies, Third Edition, February 20, 2001" as the guiding document. The test specimen was installed in the test chamber and tested at ambient and elevated (400 °F) temperatures from both directions with the following results. **Maximum Leakage Rate was 1.63 cfm/ sq. ft. at elevated temperatures with a pressure differential of 0.30 inches of water.** Both tests were tested with an artificial bottom seal. The Series 2000 IDS (Isolation Door System) is a traceable sample. Assembly was witnessed by Intertek representative Jeffrey Patterson April 5-7, 2011.

This report consists of 19 pages.

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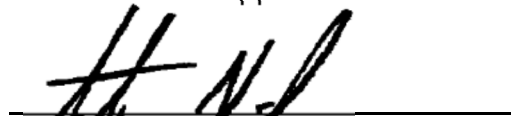
The subject test specimen is a traceable sample. Intertek has verified the composition, manufacturing techniques and quality assurance procedures under its Listing & Follow-up Service program.



\_\_\_\_\_  
Servando Romo  
Project Manager

April 27, 2010

Reviewed and approved:



\_\_\_\_\_  
C. Anthony Peñaloza  
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April 27, 2010