



Project No. : QCT5-1067.01  
Project: IU-PUI CTC/CAB

Test Date: 02/09/05  
Report Date: 02/10/05

## FIELD PERFORMANCE REPORT

Rendered to:

UNITED SKYS, INC.  
702 Magna Drive  
Round Lake, Illinois 60073

**Project Scope:** Quast Consulting and Testing, Inc. (QCT) was contracted by United Skys, Inc. to conduct field water penetration testing on a newly installed aluminum skylight at the Indiana University-Purdue University at Indianapolis project in Indianapolis, Indiana.

### Test Procedure:

A cursory inspection of the test specimen (skylight) was performed. Water was applied to the test areas utilizing the specified nozzle at a water pressure of approximately 30 psi. The water coverage was directed perpendicular to the exterior surface of the wall, at a distance of approximately one (1) foot, from tip of nozzle to the most exterior surface of the wall. Water coverage duration consisted of five (5) minutes per five (5) lineal feet of applicable fenestration/façade. The progression sequence was from bottom of the selected area to the top, including all intermediate framing members and their glass and glazing joints. During testing, the interior face of the test specimen and the perimeter conditions were inspected for water leakage.

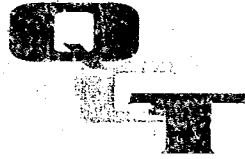
### Test Methods:

- AAMA 501-94, "Methods of Test for Exterior Walls."
- AAMA 501.2-94, "Field Check of Metal Storefronts, Curtainwalls, and Sloped Glazing Systems for Water Leakage."

**Quast Consulting and Testing, Inc.**

*Exterior Façade & Fenestration Testing*

275 Beans Eddy Road P.O. Box 241 Mosinee, WI 54455-0241  
phone: 312-259-1080 fax: 715-693-0689 email: tqvast.qct@charter.net



**Test Results** (Note: All locations referenced are viewed from the interior.)

**Test Specimen:**

Test Date: February 9, 2005  
Location: North Elevation/Slope, Roof, Four-sided Pyramidal Skylight  
Manufacturer: United Skys, Inc.  
Description: Aluminum Sloped Skylight (6 lites wide by 3 lites high)

| <u>Title of Test</u> | <u>Test Results</u> | <u>Allowable</u> |
|----------------------|---------------------|------------------|
| AAMA 501.2           |                     |                  |
| Water Penetration    | No entry            | No entry         |
| Hose Test            | PASS                |                  |

**Witnesses:** The following individuals witnessed all or part of the testing.

| <u>Name</u>   | <u>Representation</u>              |
|---------------|------------------------------------|
| Louie Carroll | Hunt Construction Group, Inc.      |
| Brian Sasman  | Quast Consulting and Testing, Inc. |
| Tim R. Quast  | Quast Consulting and Testing, Inc. |



This field test report is prepared for the convenience of our customer and endeavors to provide accurate and timely project information. It contains a summary of observations made by a qualified representative of Quast Consulting and Testing, Inc.. This report is intended to help in your Quality Assurance Program, but it does not represent a continuous nor exhaustive evaluation. The statements made herein do not constitute approval, disapproval, certification or acceptance of performance nor materials. A copy of this report will be retained by QCT for a period of four years. This report is the exclusive property of the client so named herein and is applicable to the samples tested.

QUAST CONSULTING & TESTING, INC.

QUAST CONSULTING & TESTING, INC.

A handwritten signature in black ink, reading "Tim R. Quast". The signature is written in a cursive style with a horizontal line underneath it.

Tim R. Quast  
President

A handwritten signature in black ink, reading "Brian M. Sasman". The signature is written in a cursive style with a horizontal line underneath it.

Brian M. Sasman  
Test Engineer