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December 10, 2012

Occupational Safety and Health Standards Board  
2520 Venture Oaks Way, Suite 350  
Sacramento, CA 95833

Subj: Petition to Amend Title 8, CCR 3212 (f)

Gentlemen:

This request is being submitted in order to clarify the verbiage in said section 3212 (f). It appears to be vague and ambiguous as it relates to compliance or implementation.

The following comments will explain the difficulty in compliance with said section:

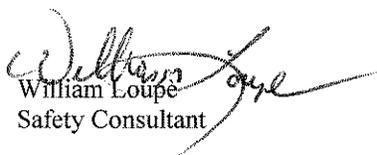
1. When a glazed surface skylight has been tested and documented by a registered engineer to support all anticipated loads (400 lbs), why are employees required to use a fall protection system as specified in Section 1670 of the Construction Safety Orders? (To view video of load test log onto: [www.bristolite.com](http://www.bristolite.com))

2. An inspection was performed in Southern California during removal of roofing material where "Fiberlite Self-Flashing Skylights" (see Incl. #1) were installed. An inspection by Cal-OSHA was performed and an "OPU" was issued to require fall protection to employees. Impact tests were performed by the employer and manufactures data indicating compliance with OSHA 29CFR 1910.23 (e)(8) and Cal-OSHA (Rpt. No. 3025015.2) was presented.

3. These types of skylights are installed throughout the United States and if there is any information indicating unreliable testing or an inferior product a "Hazard Alert" must be issued.

I look forward to your investigation and input to clarify Section 3212 (f).

Respectfully,

  
William Loupè  
Safety Consultant

Enclosures

cc: Mr. Dennis Moore, President  
B & B Roof Preparation, Inc.  
127 1/2 S. Manchester Ave.  
Anaheim, CA 92802  
(714) 774-2581

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OCCUPATIONAL SAFETY AND HEALTH  
STANDARDS BOARD



REPORT OF  
PRODUCT EVALUATION

CONDUCTED ON A  
SKYLIGHT DOME

FOR

BRISTOLITE SKYLIGHTS  
401 E. GOETZ AVENUE  
PO BOX 2515  
SANTA ANNA, CA 92707

REPORT PREPARED BY

INTERTEK TESTING SERVICES NA LTD.  
1500 BRIGANTINE DRIVE  
COQUITLAM, BC V3K 7C1  
CANADA

REPORT NUMBER: 3075015-2

DATE: MAY 18, 2005

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STANDARDS BOARD



Intertek Testing Services NA Ltd.  
1500 Brigantine Drive, Coquitlam, BC V3K 7C1  
Telephone: 604-520-3321 Fax: 604-524-9186 Web: www.intertek-etlsemko.com

Encl. #1

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## PREFACE

All services undertaken are subject to the following general policy:

1. This report is for the exclusive use of Intertek Testing Services NA Ltd.'s (Intertek's) client and is provided pursuant to the agreement between Intertek and its client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report.
2. Only the client is authorized to copy or distribute this report and then only in its entirety. Intertek must first approve any use of the Intertek's name or one of its marks for the sale or advertisement of the tested material, product or service in writing.
3. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product or service is or has ever been under an Intertek certification

## INTRODUCTION

Intertek Testing Services NA Ltd. (Intertek) has performed a Load Test on a Fibreglass Dome Skylight. Testing was conducted on April 26 and May 6, 2005.

The tests were performed in accordance with procedure outlined in *Standard Presentation to California Occupational Safety and Health Standards Board – Proposed State Standard, Title 8, Chapter 4* section 1632.

## PRODUCT DESCRIPTION

- Series**           • H4896-SS-CM-1-FTH-IR-HW-MF
- Designation**   • Dome Skylight
- Frame**           • Frame: galvanized steel 20 gauge (0.0396" thick)
  - Corners: mitred and welded
  - Installation: the system was secured to the 2 x 6 test frame through the outer flange about the entire perimeter using #12 x 1-1/2" screws spaced at approximately 12" (305 mm)
- Overall Size**   • Width: 51-1/2" (1308 mm)
  - Length: 99-1/2" (2527 mm)
- Dome**            • Opaque molded fibreglass
  - Thickness: 0.158"
  - Dome was secured about its perimeter to the galvanized steel frame using 0.1865" diameter x 1-1/4" SS Tek screws spaced at 20" to 23-1/2" apart
- Drawings**       • Set of drawings stamped "Intertek Testing Services" included in Appendix A of this report

## TEST PROCEDURE

The sample was installed into a 2 x 6 SPF lumber frame. A hydraulic cylinder with a load transducer (Intertek ID# D2723) and a 12" x 12" (305 mm x 305 mm) 3/4" plywood loading plate, were used to load the dome of the skylight.

## TEST RESULTS

Load (lbs)	Pass / Fail	Comments
400	Pass	Held for 1 minute.
480	Pass	Dome pushed below 2 x 6 frame
500	Pass	Fibreglass broke away from steel side rails
1235	Fail	Fibreglass broke away from steel side and end rails and collapsed

**CONCLUSIONS**

The skylight system described in this report, met the minimum requirements of being capable of safely supporting 400 lbs imposed on one square foot of area.

**INTERTEK TESTING SERVICES NA LTD.**

Tested by:

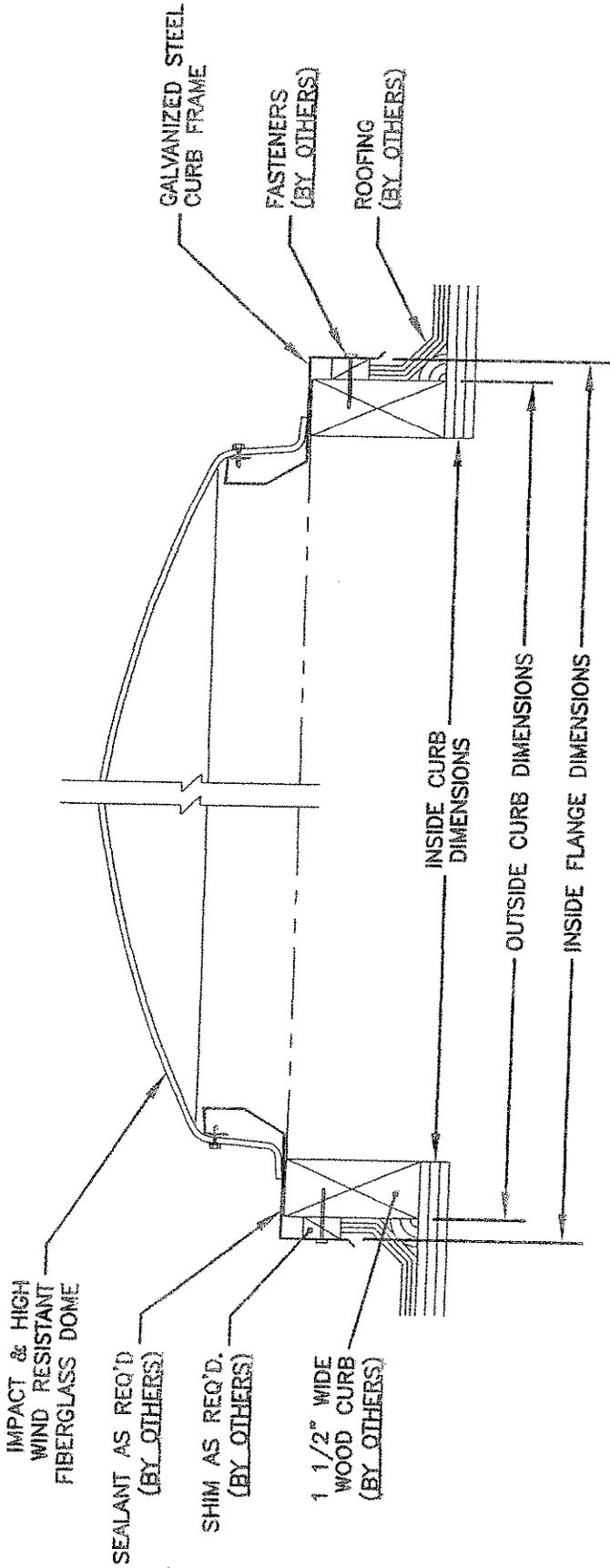
  
Kázanir Falconbridge  
Technologist, Fenestration Products

Reviewed by:

  
Heiko Neugebauer AScT  
Team Leader, Fenestration Products

HN/jm

**APPENDIX A**  
**(Drawing -1 Page)**



## CURB MOUNTED SKYLIGHT

MODEL : H4896-SS-CM-1-FTH-IR-HW-MF  
 N.T.S.

SS - GALVANIZED STEEL FRAME  
 CM - CURB MOUNTED  
 1 - SINGLE GLAZED

FTH - FIBERGLASS TRANSLUCENT HIGH MF - MILL FINISH  
 IR - IMPACT RESISTANT  
 HW - HIGH WIND

MODEL NUMBER	INSIDE CURB DIMENSIONS	QTY
H4896-SS-CM	RECTANGULAR 48" x 96"	

DOMESTIC MATERIAL TESTED IN CONFORMANCE WITH:  
 \*OSHA FALL PROTECTION - MEETS OSHA STANDARD 29 CFR 1926.502  
 HIGH WIND RESISTANT - DOME OF THIS UNIT HAS EXCEEDED 90MPH UP-LIFT IN TESTING  
 BURN RATE - CLASSIFIED AS CC1 MATERIAL

\*FALL PROTECTION TESTING HAS BEEN PERFORMED ON BRISTOLITE'S 48" x 96" DOMES

CUSTOMER :  
**Bristolite® Skylights**  
 401 East Goetz Avenue  
 Santa Ana, California 92707  
 © 714.540.8950 / FAX 714.540.5415

PROJECT :  
 DRAWINGS LOCATION: G:\USERS\PUBLIC\INTRA\NET\ACAD Drawings\Industrial\Hybrid Units\H4896-SS-CM-1-FTH-IR-HW-MF / 1-4-2005

PREPARED BY :  
 ARCHITECT :

SUBMITTAL DATE :  
 ARCHITECT :

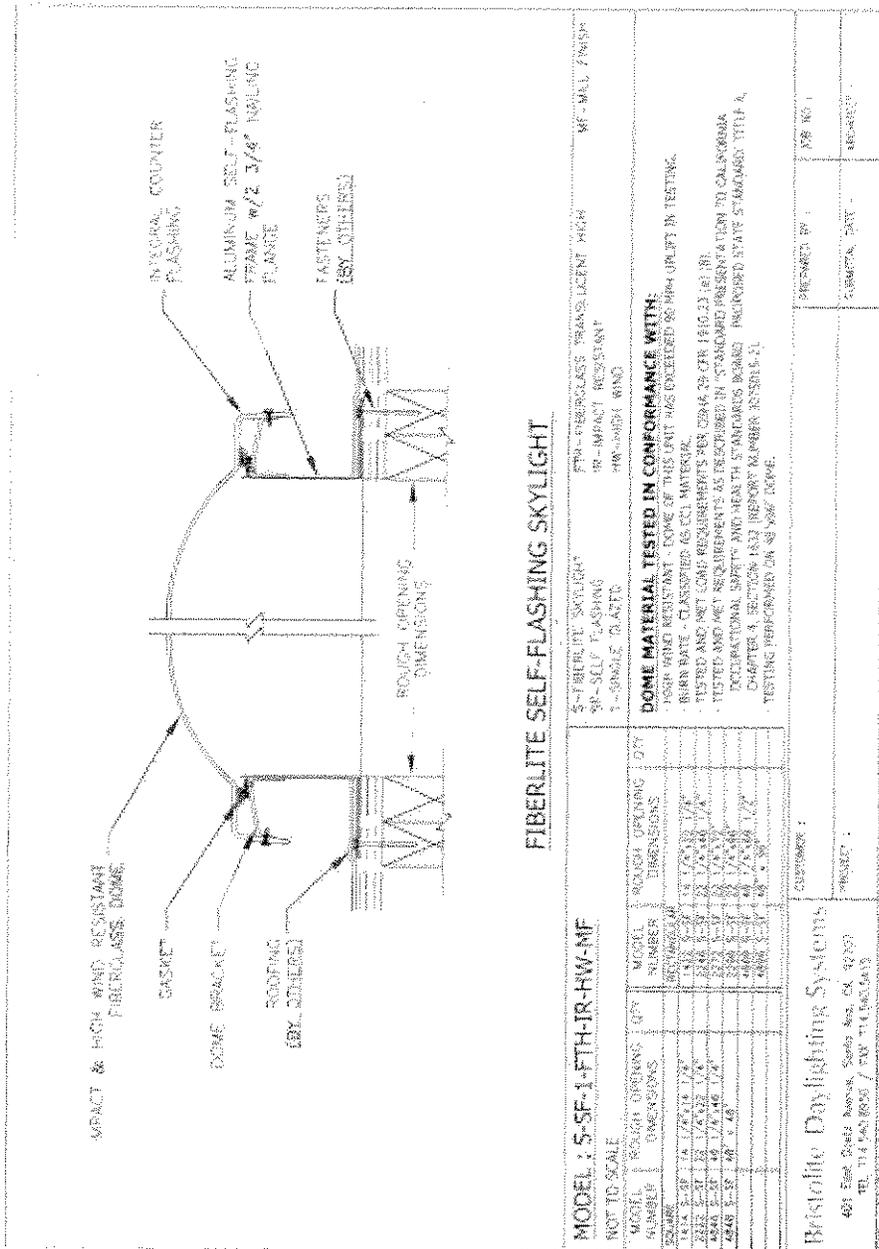
From: **Moore Dennis** bnbremoval@earthlink.net  
 Subject: Emailing: IMG  
 Date: March 12, 2012 4:01 PM  
 To: Loupe Jeannette jbloupe@sbcglobal.net

Hi Bill,

OSHA was called from a complaint (roofing contractor) who didn't get the job. Have not received citation yet. Associate safety engineer Jerry Taylor West Covina CA. He says weed needed to have skylights covered. The schematic says they meet OSHA load tests. The guys at the wall were using fall protection while dumping and our ladder was secure. Please see the attachment. Call me when you can.

Thanks,  
 714-240-0303  
 Dennis

Fax: (714) 774-2584



CARL SCHEIDT ENCL

(714) 540-8950

Encl #2