

## OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT **FACILITIES DEVELOPMENT DIVISION**

WHITTON -							
APPLICATION FOR OSH	OFFICE USE ONLY APPLICATION #: OPM-0546						
MANUFACTURER'S CEF							
OSHPD Preapproval of Manufacturer's Certification (OPM)							
Type: X New Renewal/	Jpdate						
Manufacturer Information							
Manufacturer: Smoke Guard Inc.							
Manufacturer's Technical Represent	ative: Herb Kaup						
Mailing Address: 287 N. Maple Grov	ve, Bosie, ID 83704						
Telephone: (208) 639-7871	elephone: (208) 639-7871 Email: herb@smokeguard.com						
	FOR CODE COM						
Product Information	OSHPD						
Product Name: Smoke Curtain		Y.					
Product Type: Other mechanical ar	nd electrical components	CH					
Product Model Number: M600	BY: Jeffrey Kikumoto						
General Description: Closes off ele	vator openings to curtail smoke migration bet	wee <mark>n spa</mark> ces.					
	DATE: 12/10/2020	2018					
Applicant Information	TO A D						
Applicant Company Name: SGW De	esignworks LLC						
Contact Person: Tasche Streib	BUILDING						

Mailing Address: 3131 W State Street, Suite 230, Boise,, ID 83703

Telephone: (208) 391-4021 Email: tasche.streib@sgwdesignworks.com

Title:

"Access to Safe. Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs"

STATE OF CALIFORNIA - HEALTH AND HUMAN SERVICES AGENCY







# OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT FACILITIES DEVELOPMENT DIVISION

Registered Design Professional Preparing Engineering Recommendations							
Company Name: Structural Engineering Consultants, Inc.							
Name: Patrick Van Kleek California License Number: C49971							
Mailing Address: 410 S. Orchard Street, Suite 116, Boise, ID 83705							
Telephone: 208-887-7760 Email: pat@secidaho.com							
OSHPD Special Seismic Certification Preapproval (OSP)							
<ul> <li>□ Special Seismic Certification is preapproved under OSP- (Separate application for OSP is required)</li> <li>□ Special Seismic Certification is not preapproved</li> </ul>							
Certification Method(s)							
☐ Testing in accordance with: ☐ ICC-ES AC156 ☐ FM 1950-16 ☐ Other* (Please Specify):							
*Use of criteria other than those adopted by the California Building Standards Code, 2019 (CBSC 2019) for component supports and attachments are not permitted. For distribution system, interior partition wall, and suspended ceiling seismic bracings, test criteria other than those adopted in the CBSC 2019 may be used when approved by OSHPD prior to testing.  Analysis  Experience Data  Combination of Testing, Analysis, and/or Experience Data (Please Specify):							
List of Attachments Supporting the Manufacturer's Certification  ☐ Test Report ☐ Drawings ☐ Calculations ☐ Manufacturer's Catalog ☐ Other(s) (Please Specify):							
OFFICE USE ONLY - OSHPD APPROVAL VALID FOR CBC 2019 & ALL PRE-2019 CODE BASED PROJECTS							
Signature:							



OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT

## PREAPPROVAL OF MANUFACTURER'S CERTIFICATION OPM-0546-19

THIS PREAPPROVAL CONFORMS TO THE 2019 CALIFORNIA BUILDING CODE

**MANUFACTURER: SMOKE GAURD EQUIPMENT NAME: M600 SMOKE CURTAIN** 

#### **GENERAL NOTES**

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1. THIS OSHPD PRE-APPROVAL OF MANUFACTURER'S CERTIFICATION (OPM) IS BASED ON THE CBC 2019. THE DEMANDS (DESIGN FORCES) FOR USE WITH THIS OPM SHALL BE BASED ON THE CBC

2. THIS DOCUMENT MAY ONLY BE USED WITH THE EXPRESS WRITTEN CONSENT OF THE MANUFACTURER LISTED BELOW FOR THE SPECIFIC PROJECT SITE AND INSTALLATION LOCATION. THIS DOCUMENT IS INVALID WITHOUT SUCH CONSENT.

- 3. THIS PRE-APPROVAL CONFORMS TO THE 2019 CALIFORNIA BUILDING CODE WHERE Sols NOT **GREATER THAN 2.5.**
- 4. FORCES PER ASCE 7-16 SECTION 13.3.1, EQUATIONS 13.3-1, 13.3-2, & 13.3-3.

WHERE  $S_{DS} = 2.5$ ,  $a_P = 1.0$ ,  $I_P = 1.5$ ,  $R_P = 1.5$ ,  $Z/h \le 1$ . SEE FOLLOWING SHEETS FOR APPLICABILITY OF  $\Omega_0$ 5. THIS PRE-APPROVAL COVERS ONLY THE SUPPORTS AND ATTACHMENTS OF THE EQUIPMENT TO THE STRUCTURE.

- 6. ALL DESIGN FORCES SHOWN ON THE DRAWINGS ARE FACTORED LOADS THAT SHALL BE USED FOR STRENGTH DESIGN.
- 7. SHEET METAL SCREWS SHALL BE TEKS SCREWS BY ITW BUILDEX (ICC ESR-
- 8. CONCRETE WALL DETAIL VALID FOR DEMANDS SHOWN AT ANY ELEVATION. (i.e. z/h ≤1)

### 9. RESPONSIBILITIES OF THE STRUCTURAL ENGINEER OF RECORD OF THE BUILDING

A. PROVIDE SUPPORTING STRUCTURE TO SUPPORT WEIGHTS AND FORCES SHOWN IN ADDITION TO ALL OTHER LOADS.

B. VERIFY THAT THE INSTALLATION IS IN CONFORMANCE WITH THE 2019 CBC AND WITH THE DETAILS, MATERIAL AND GAUGE OF THE UNIT WHERE ATTACHMENTS ARE MADE AGREE WITH THE INFORMATION SHOWN ON THE PRE-APPROVAL DOCUMENTS.

C. VERIFY THAT PROJECT SPECIFIC VALUES OF Sps & z/h RESULT IN SEISMIC FORCES (Eh, Ev) THAT DO NOT EXCEED THE VALUES ON THE DETAILS.

D. VERIFY THAT THE CONCRETE WALL TO WHICH THE EQUIPMENT IS ANCHORED MEETS THE RQUIREMENTS OF THE APPLICABLE ICC ESR REPORT AND THIS OPM.

E. VERIFY THAT THE ANCHORS ARE AN ADEQUATE DISTANCE FROM ANY CONCRETE WALL EDGES OR OPENINGS (SEE TYPICAL DETAILS ON SHEET 2).

F. VERIFY THAT ALL NEW OR EXISTING ANCHORS ARE AN ADEQUATE DISTANCE FROM THE UNIT ATTACHMENTS AND CHECK FOR INTERACTION WHERE OTHER ANCHORS ARE WITHIN 18" OR 6hef FROM THIS UNIT'S ANCHORS.

G. DESIGN BACKING BARS. STUDS. ETC. WHICH THE UNITS ARE ATTACHED TO AS NOTED ON THE DRAWINGS

Digitally signed by Patrick D. Vankleek Date: 12/03/2020

NOTE	NOTED ON THE BRAWINGS.						
MANUFACTURER:				NAME	DATE		
SMOKE GUARD		DRWN BY	JW	6/1/2019			
PRODUCT:			ENG APPR.	SC	11/5/2020		
M600		CHKD BY					
REV:	SIZE: A	SHEET 1 OF 7	CUST. APPR.				
				D\/			

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SMOKE GUARD ANY REPRODUCTION IN PART OR AS A WHOLE THOUT THE WRITTEN PERMISSION OF SMOKE GUARD IS PROHIBITED.

PROPRIETARY & CONFIDENTIAL



DESIGNWORKS

12/10/2020

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