



ICC-ES Evaluation Report

Reissued October 2022

ESR-1136

Revised April 2023

This report is subject to renewal October 2024.

DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION

Section: 07 87 00—Smoke Containment Barriers

DIVISION: 08 00 00—OPENINGS

Section: 08 30 00—Specialty Doors and Frames

REPORT HOLDER:

SMOKE GUARD, INC.

EVALUATION SUBJECT:

SMOKE GUARD® SYSTEM—MODELS M200, M400, M400B, M600 AND M2100E SMOKE CONTAINMENT SYSTEMS

SMOKE GUARD® SYSTEM—MODEL M2100E SMOKE & FIRE CONTAINMENT SYSTEM

1.0 EVALUATION SCOPE

Compliance with the following codes:

- 2021, 2018, 2015, 2012, 2009 and 2006 *International Building Code*® (IBC)
- 2021, 2018, 2015, 2012, 2009 and 2006 *International Fire Code*® (IFC)
- 2013 *Abu Dhabi International Building Code* (ADIBC)[†]

[†]The ADIBC is based on the 2009 IBC. 2009 IBC code sections referenced in this report are the same sections in the ADIBC.

For evaluation for compliance with codes adopted by Los Angeles Department of Building and Safety (LADBS), see [ESR-1136 LABC and LAFC Supplement](#).

Property evaluated:

- Smoke containment
- Opening protection

2.0 USES

The Smoke Guard® Systems are vertically deploying smoke containment systems used in conjunction with fire-resistance-rated elevator hoistway door and frame assemblies, or in elevator lobbies, to provide a smoke and draft control assembly. Models M200, M400, M400B, M600

and M2100E, when installed over elevator openings equipped with a fire-resistance-rated elevator hoistway door and frame assembly are intended for use as an alternative to the requirement for a separated enclosed elevator lobby in accordance with Item 3 of Section 3006.3 of the 2021, 2018 and 2015 IBC, Exception 3 of 2012 IBC Section 713.14.1, 2009 IBC Section 708.14.1 and 2006 IBC Section 707.14.1.

The Smoke Guard® Model M2100E Smoke & Fire Containment System, fire-protection rated 20 minutes without hose stream in accordance with 2021 and 2018 IBC Section 716.2.2.1 (2015 and 2012 IBC Section 716.5.3, 2009 and 2006 IBC Section 715.4.3), when installed remotely from elevator openings at the intersection of the elevator lobby and a fire-resistance-rated corridor, is intended for use as an alternative to the requirement for an enclosed elevator lobby in accordance with 2021, 2018 and 2015 IBC Section 3006.3 Item 1, 2012 IBC Section 713.14.1, 2009 IBC Section 708.14.1 and 2006 IBC Section 707.14.1.

The Smoke Guard® Model M2100E Smoke Containment System or Model M2100E Smoke & Fire Containment System, when installed away from elevator openings at the intersection of the elevator lobby and a non-fire-resistance-rated corridor, is intended for use as an alternative to the requirement for a protective opening in smoke partitions to separate the lobby in accordance with 2021, 2018 and 2015 IBC Section 3006.3 Item 2, 2012 IBC Section 713.14.1 Exception 5, 2009 IBC Section 708.14.1 Exception 5 and 2006 IBC 707.14.1 Exception 5. When installed as described in this report, Model 2100E forms a protective opening in a smoke partition and is an alternative to the smoke and draft control doors required by 2021, 2018, 2015 and 2012 IBC Section 710.5.2.2, 2009 IBC Section 711.5.2 and 2006 IBC Section 710.5.2.

3.0 DESCRIPTION

3.1 General:

3.1.1 Models M200, M400, M400B and M600: The Smoke Guard® System Models M200, M400, M400B and M600 consist of a reinforced transparent film designed to unroll from a housing unit positioned above the elevator opening, down along the existing elevator frame or auxiliary rails to cover the elevator opening in the event of actuation of the

smoke detector(s) or loss of power. Auxiliary rails are used if the elevator frame is nonferrous, beveled, painted, irregular, or if the appearance of rails is desired.

The film protects the elevator opening from smoke migration by creating a smoke and draft control barrier. The Smoke Guard® System is connected to the smoke detection system located in the elevator lobby, or to the building's fire protection system, which initiates deployment within 10 seconds of smoke detector or fire protection system alarm operation. A cabling system allows the film to unwind. Flexible magnetic strips, on the vertical sides of the film, seal the film to the elevator door frame or to the auxiliary rails. The system is capable of sensing an object in its path and will not fully unroll until the object is removed.

For Models M200, M400, M400B or M600, in the event that elevator occupants encounter a deployed Smoke Guard® System, a rewind switch located on both sides of the film can be manually activated, per IBC Section 3002.6, to allow the occupants to exit from the elevator. For Model M600, an optional separate manually operated wall switch will also rewind the system. The film will redeploy after egress if the presence of smoke continues to be detected. In the event of a loss of power for Models M200, M400, M400B or M600, a force of less than 15 pounds (66 N) applied at the film boundary is required to push the flexible magnetic strips away from the hoistway frame to allow occupant egress. Models M400B and M600 have battery backup and will function as intended in the event of an interruption in the building's electrical power supply.

3.1.2 Model M2100E: The Smoke Guard® Model M2100E consists of vertical steel side guides with textile tabs and steel locking pins sewn along curtain edges, a curtain, a weighted bottom bar, and an overhead curtain housing. Model M2100E is designed to unroll from the housing unit positioned above the elevator opening or elevator lobby opening, down along the side framing guides to cover the elevator opening or elevator lobby opening in the event of actuation of the smoke detector(s) or loss of power. In the event that elevator occupants or elevator lobby occupants encounter a deployed system, a rewind switch located on both sides of the curtain can be manually activated, per IBC Section 3002.6, to allow the occupants to exit from the elevator or elevator lobby. As an alternative to curtain mounted switches, switches may be mounted on the wall adjacent to the opening. The Smoke Guard® Model M2100E Smoke & Fire Containment System is designed to be installed at the junction of the elevator lobby and a fire-resistance-rated corridor or a non-fire-resistance-rated corridor.

The system is deployed upon a signal from either the smoke detection system located in the elevator lobby or in the corridor being protected, or the building's fire protection system.

Model M2100E has battery backup protection and is designed to function as intended in the event of an interruption in the building's electrical power supply. Occupants egressing the building can retract the deployed curtain by manually lifting the curtain with a force of less than 15 pounds (66 N) applied to the integral grab strap. The curtain will redeploy after egress if the smoke detector, or another device of the building's fire protection system, continues to operate in an alarm condition. After the alarm condition clears, the curtain automatically retracts to the ready position.

3.1.3 Smoke and Draft Control: When tested in accordance with UL 1784 without an artificial bottom seal, the Smoke Guard® Systems have air leakage ratings that do not exceed 3.0 cfm per square foot (0.015424 m³/s·m²) of

opening at a pressure differential of 0.1 inch w.c. (25 Pa) at both ambient and elevated temperatures.

3.1.4 Fire-protection Rating: Model M2100E Smoke & Fire Containment System complies with 2021 and 2018 IBC Section 716.2.2.1, 2015 and 2012 IBC Section 716.5.3 and 2009 and 2006 IBC Section 715.4.3, and has a 20-minute fire-protection rating for use in fire-resistance-rated corridors and smoke barriers based on testing in accordance with UL 10C without hose-stream test.

3.2 Components for Smoke Guard® System Models M200, M400, M400B and M600:

3.2.1 Film: The film is a minimum 1.0-mil-thick [0.01 inch (0.025 mm)] polyimide or polyamide transparent sheet. A minimum 100 denier filament yarn is factory-adhered to the film as reinforcement.

3.2.2 Electrically Operated Drive Control System: The drive control system, which controls the deployment and rewind functions of the system, is intended for connection to the building's 120VAC power supply and to either the auxiliary contacts of the smoke detector located in the elevator lobby or to the building's fire protection system. The electrically operated, listed releasing device conforms to UL Standard 864.

3.3 Components for Smoke Guard® Systems Model M2100E:

3.3.1 Curtain Material: The curtain for Model M2100E Smoke & Fire Containment System is a minimum 0.0169-inch-thick (0.43 mm) aluminum polymer coated fiberglass fabric, with or without up to three 1-inch-diameter (25.4 mm) viewports. The curtain for Model M2100E Smoke Containment System is a minimum 0.0169-inch-thick (0.43 mm) polymer coated fiberglass fabric, with a polymer insert. The curtain includes a weighted bottom bar and an integral grab strap on each side of the curtain. The bottom bar may be equipped with a pressure sensor that halts deployment when the curtain encounters an obstruction. A rewind switch is located on each side of the curtain. As an alternative to curtain mounted switches, switches may be mounted on the wall adjacent to the opening.

3.3.2 Electrically Operated Drive Control System: The drive control system, which controls the deployment and rewind functions of the system, is intended for connection to the building's 120/240 VAC power supply and the auxiliary contacts of the smoke detectors located in the elevator lobby and the adjacent corridor. The electrically operated, listed releasing device conforms to UL Standard 864. The drive control system is installed inside of a steel housing located within 30 feet (9 m) of the curtain housing.

3.3.3 Side Guide System: The side guide system extends from the bottom of the overhead curtain housing to the floor on each side of the curtain and consists of vertical steel side guides with textile tabs and steel locking pins sewn along the edges of the curtain.

4.0 INSTALLATION

4.1 General:

Installation of the system must comply with this report and the manufacturer's published installation and operating instructions. Smoke Guard, Inc.'s installation and operating instructions must be available at the jobsite at all times during installation.

4.1.1 Models M200, M400, M400B and M600: The system must be surface-mounted or flush-mounted to the elevator frame. For Model M200, the maximum elevator door opening width and height must not exceed, respectively, 48 inches (1219 mm) and 144 inches (3658 mm). For Models M400 and M400B, the maximum

elevator door opening width and height must not exceed, respectively, 60 inches (1524 mm) and 120 inches (3048 mm) or 55 inches (1397 mm) and 144 inches (3658 mm). For Model M600, the maximum elevator door opening width and height must not exceed, respectively, 76¼ inches (1937 mm) and 120 inches (3048 mm). The frame surrounding the elevator door must be a minimum of No. 14 gage [0.0747 inch (1.9 mm)] steel with a 2-inch-wide (51 mm) flat profile. Narrow, nonferrous or beveled frames require the installation of auxiliary ferrous steel rails.

For Models M200, M400, M400B and M600, the basic installation consists of a sheet metal mounting plate attached to the wall above the elevator hoistway frame. The Smoke Guard System housing is attached to the mounting plate.

The drive control power leads are connected to a 120 VAC electrical supply. Alarm signal leads are connected to the elevator lobby smoke detector.

The film is unrolled to magnetically adhere to either the elevator hoistway frame or the auxiliary rails. The magnets are adjusted to align with the elevator hoistway jams and the film is stretched tightly across the elevator hoistway opening. The film is adjusted vertically so the bottom threshold is in contact with the floor. After initial adjustment the film must be unrolled again to check the vertical alignment. Line slack must be removed and adjusted to provide equal tension between cables.

4.1.2 Model M2100E Smoke Containment System:

When installed in conjunction with a fire-resistance-rated elevator hoistway door and frame assembly, the Smoke Guard® Model M2100E Smoke Containment System must be attached to the wall with the curtain housing installed above the elevator hoistway door and frame assembly opening to be protected or to the ceiling directly above the side guide system. The minimum width of the opening must be not less than 36 inches (914 mm), the maximum width of the opening must not exceed 120 inches (3048 mm), the minimum height of the opening must be not less than 84 inches (2134 mm) and the maximum height of the opening must not exceed 120 inches (3048 mm).

When installed at the junction of the elevator lobby and a non-fire-resistance-rated corridor, the Smoke Guard® Model M2100E Smoke Containment System must be attached to the wall of the nonfire-resistance-rated corridor with the curtain housing installed above the elevator lobby opening to be protected or to the ceiling directly above the side guide system. The minimum width of the opening must be not less than 36 inches (914 mm), the maximum width of the opening must not exceed 120 inches (3048 mm), the minimum height of the opening must be not less than 84 inches (2134 mm) and the maximum height of the opening must not exceed 120 inches (3048 mm). Installation procedures for the curtain and side guide system must be in accordance with the manufacturer's installation instructions.

The electrically operated drive control system must be installed in accordance with the manufacturer's published installation instructions, the releasing device listing, and the applicable code. The curtain-mounted (or wall-mounted) egress switches must be connected to the control system and mounted at the height specified in the manufacturer's installation instructions.

Once the system is installed and energized, the upper and lower travel positions of the curtain are set automatically during calibration by the control system.

4.1.3 Model M2100E Smoke & Fire Containment System: When installed in conjunction with a fire-resistance-rated elevator hoistway door and frame

assembly, the Smoke Guard® Model M2100E Smoke & Fire Containment System must be attached to the wall with the curtain housing installed above the elevator hoistway door and frame assembly opening to be protected or to the ceiling directly above the side guide system. The minimum width of the opening must be not less than 36 inches (914 mm), the maximum width of the opening must not exceed 120 inches (3048 mm), the minimum height of the opening must be not less than 84 inches (2134 mm) and the maximum height of the opening must not exceed 120 inches (3048 mm).

When installed at the junction of the elevator lobby and a fire-resistance-rated corridor, the Smoke Guard® Model M2100E Smoke & Fire Containment System must be attached to the wall of the fire-resistance-rated corridor with the curtain housing installed above the elevator lobby opening to be protected or to the ceiling directly above the side guide systems. The minimum width of the opening must be not less than 36 inches (914 mm), the maximum width of the opening must not exceed 66 inches (1676.4 mm), the minimum height of the opening must be not less than 84 inches (2134 mm) and the maximum height of the opening must not exceed 120 inches (3048 mm). Installation procedures for the curtain and side guide system must be in accordance with the manufacturer's installation instructions.

When installed at the junction of the elevator lobby and a non-fire-resistance-rated corridor, the Smoke Guard® Model M2100E Smoke & Fire Containment System must be attached to the wall of the fire-resistance-rated corridor with the curtain housing installed above the elevator lobby opening to be protected or to the ceiling directly above the side guide systems. The minimum width of the opening must be not less than 36 inches (914 mm), the maximum width of the opening must not exceed 120 inches (3048 mm), the minimum height of the opening must be not less than 84 inches (2134 mm) and the maximum height of the opening must not exceed 120 inches (3048 mm). Installation procedures for the curtain and side guide system must be in accordance with the manufacturer's installation instructions.

The electrically operated drive control system must be installed in accordance with the manufacturer's published installation instructions, the releasing device listing, and the applicable code. The curtain-mounted (or wall-mounted) egress switches must be connected to the control system and mounted at the height specified in the manufacturer's installation instructions.

Once the system is installed and energized, the upper and lower travel positions of the curtain are set automatically during calibration by the control system.

4.2 Final Adjustment and Inspection:

After the installation is complete, the installer must perform a final adjustment and inspection of the system. The deployment and rewind motor must be engaged and inspected for proper operation. Travel of the curtain and all moving parts must be inspected and adjustments made as required to the cable tension for Models M200, M400, M400B and M600 and the travel for Model M2100E. The operating process, including simulation of the smoke alarm activation of the releasing device, must be repeated five times to verify functionality. After installation, the systems must be maintained in accordance with Section 5.3 of this report.

5.0 CONDITIONS OF USE

The Smoke Guard® smoke containment systems described in this report comply with, or are suitable alternatives to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

- 5.1 Installation must comply with this report, Smoke Guard, Inc.'s published installation instructions, and the applicable code.
 - 5.2 Installation must be by installers authorized by Smoke Guard®, Inc.
 - 5.3 The Smoke Guard® system must be cycle-tested by the building owner of record or owner's representative on a semiannual basis. A permanent record of the cycle tests must be retained by the building owner of record or the owner's representative.
 - 5.4 For Models M200, M400, M400B, M600 and M2100E, a smoke detector complying with UL 268 must be installed at the ceiling in front of the elevator hoistway doors. For Model M2100E, smoke detectors complying with UL 268 must be installed at the ceiling on both sides of the protected opening when installed at the intersection of an elevator lobby and a fire-resistance-rated corridor or a nonfire-resistance-rated corridor. The smoke detectors must be equipped with an auxiliary contact and battery backup (not provided by the Smoke Guard® System control station) or an emergency electrical system. When approved by the building official, or his designated representative, the smoke containment systems may be connected to the building's fire protection system instead of to the smoke detectors at the elevator hoistway doors or at the protected opening.
 - 5.5 Smoke containment system Models M200, M400, M400B, M600 and M2100E must be used with fire-resistance-rated elevator doors in order to comply with the "S" label requirements for tight-fitting smoke and draft control assemblies in accordance with the requirements of Section 715.4.3 of the 2009 and 2006 IBC, Section 716.5.3 of the 2015 and 2012 IBC and Section 716.2.2.1 of the 2021 and 2018 IBC, allowing the elevator doors to open directly into the fire-resistance-rated or non-fire-resistance-rated corridor, eliminating the need for an enclosed elevator lobby in accordance with Item 3 of Section 3006.3 of the 2021, 2018 and 2015 IBC, Exception 3 of 2012 IBC Section 713.14.1, Exception 3 of the 2009 IBC Section 708.14.1 and Exception 3 of the 2006 IBC Section 707.14.1. In the absence of a corridor, elevator doors equipped with smoke containment system Models M200, M400, M400B, M600 or M2100E may open directly into an open floor plan.
 - 5.6 When used as an alternative to the enclosed elevator lobby required by 2021, 2018 and 2015 IBC Section 3006.3, 2012 IBC Section 713.14.1, 2009 IBC Section 708.14.1 and 2006 IBC Section 707.14.1, the Model 2100E Smoke & Fire Containment System must be installed at the opening created by the intersection of the elevator lobby and a fire-resistance-rated corridor.
 - 5.7 When used as an alternative to the smoke and draft control doors required by 2021, 2018, 2015 and 2012 IBC Section 710.5.2.2, 2009 IBC Section 711.5.2 and 2006 IBC Section 710.5.2, Model M2100E Smoke Containment System must be installed at the opening created by the intersection of the elevator lobby and a non-fire-resistance-rated corridor to allow elimination of the enclosed elevator lobby in accordance with Item 2 of Section 3006.3 of the 2021, 2018 and 2015 IBC, 2012 IBC Section 713.14.1 Exception 5, 2009 IBC Section 708.14.1 Exception 5 and 2006 IBC Section 707.14.1 Exception 5. Model M2100E Smoke & Fire Containment System may also be used in this application.
 - 5.8 Models M200, M400, M400B, M600 and M2100E are not intended for use where elevator hoistway pressurization in accordance with 2021, 2018, 2015 and 2012 IBC Section 909.21, 2009 IBC Section 708.14.2 and 2006 IBC Section 707.14.2 is provided, except when the products evaluated in this report are used in smoke control systems designed by registered professionals in accordance with the applicable requirements of Section 909 of the IBC and the IFC.
 - 5.9 Model M2100E may be used in smoke control systems designed by registered professionals in accordance with the applicable requirements of Section 909 of the IBC and the IFC.
 - 5.10 Under the 2021 IBC and IFC, openings protected with Models M200, M400, M400B, M600 and M2100E Smoke Containment systems must be maintained in accordance with Sections 109 and 705.2 of the 2021 IFC and Chapter 9 of NFPA 105. Under the 2021 IBC and IFC, annual inspection and testing must be in accordance with Chapter 9 of NFPA 105. Under the 2018 IBC and IFC, openings protected with smoke-containment systems must be maintained in accordance with Sections 108 and 705.2 of the 2018 IFC and Chapter 8 of NFPA 105. Under the 2018 IBC and IFC, annual inspection must be in accordance with Chapter 8 of NFPA 105. Under the 2015, 2012 and 2009 IBC and IFC, openings protected with smoke-containment systems must be maintained in accordance with Sections 107 and 703.1.2 of the 2015, 2012 and 2009 IFC and Chapter 5 of NFPA 105. Under the 2015, 2012 and 2009 IBC and IFC, annual inspection must be in accordance with Section 5.2 of NFPA 105.
 - 5.11 Under the 2021 IBC and IFC, openings protected with fire-protection rated Model M2100E Smoke & Fire Containment System must be maintained in accordance with Sections 109 and 705.2 of the IFC, Chapter 21 of NFPA 80 and Chapter 8 of NFPA 105. Under the 2021 IBC and IFC, annual inspection and testing must be in accordance with Chapter 21 of NFPA 80 and Chapter 8 of NFPA 105. Under the 2018 IBC and IFC, openings protected with fire-resistance-rated smoke-containment systems must be maintained in accordance with Sections 108 and 705.2 of the IFC, Chapter 21 of NFPA 80 and Chapter 8 of NFPA 105. Under the 2018 IBC and IFC, annual inspection and testing must be in accordance with Chapter 21 of NFPA 80 and Chapter 8 of NFPA 105. Under the 2015, 2012 and 2009 IBC and IFC, openings protected with fire-protection rated, smoke-containment systems must be maintained in accordance with Sections 107, 703.1.2 and 703.1.3 of the IFC, Chapter 5 of NFPA 80 and Chapter 5 of NFPA 105. Under the 2015, 2012 and 2009 IBC and IFC, annual inspection must be in accordance with Section 5.2 of NFPA 80 and Section 5.2 of NFPA 105.
 - 5.12 The smoke-containment systems and smoke & fire containment system evaluated in this report are intended for use with elevators or elevator lobbies when, in accordance with IBC Section 1003.7, the elevators are not used as a component of a required means of egress from any part of the building.
 - 5.13 The Smoke Guard® systems are manufactured in Boise, Idaho, under a quality control program with inspections by ICC-ES.
- ## 6.0 EVIDENCE SUBMITTED
- Data in accordance with the ICC-ES Acceptance Criteria for Smoke Containment Systems Used with Fire-resistive

Elevator Hoistway Doors and Frames (AC77), dated November 2021.

7.0 IDENTIFICATION

- 7.1 The ICC-ES mark of conformity, electronic labeling, or the evaluation report number (ICC-ES ESR-1136) along with the name, registered trademark, or registered logo of the report holder [and/or listee] must be included in the product label.
- 7.2 The Smoke Guard® systems described in this report must bear a label indicating the manufacturer's name (Smoke Guard®, Inc.), the manufacturer's address, the product name, the system type (smoke containment or smoke & fire containment), the model number (M200, M400, M400B, M600, or M2100E), the leakage rating (unless specified in the installation manual), and the report number (ESR-1136). The label for Model M2100E smoke & fire containment system must also include the 20 minute without hose stream fire-protection rating in accordance with UL 10C.

- 7.3 The report holder's contact information is the following:

SMOKE GUARD, INC.
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www.smokeguard.com
info@smokeguard.com

DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION

Section: 07 87 00—Smoke Containment Barriers

DIVISION: 08 00 00—OPENINGS

Section: 08 30 00—Specialty Doors and Frames

REPORT HOLDER:

SMOKE GUARD, INC.

EVALUATION SUBJECT:

**SMOKE GUARD® SYSTEM—MODELS , M200, M400, M400B, M600 AND M2100E SMOKE CONTAINMENT SYSTEMS
SMOKE GUARD® SYSTEM—MODEL M2100E SMOKE & FIRE CONTAINMENT SYSTEM**

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that the Smoke Guard® System – Models M200, M400, M400B, M600, M2100E Smoke Containment Systems and Model M2100E Smoke & Fire Containment System, described in ICC-ES evaluation report [ESR-1136](#), have also been evaluated for compliance with the code noted below as adopted by the Los Angeles Department of Building and Safety (LADBS).

Applicable code editions:

- 2023 City of Los Angeles Building Code (LABC)
- 2023 City of Los Angeles Fire Code (LAFC)

2.0 CONCLUSIONS

The Smoke Guard® System – Models M200, M400, M400B, M600, M2100E Smoke Containment Systems and Model M2100E Smoke & Fire Containment System, described in Sections 2.0 through 7.0 of the evaluation report [ESR-1136](#), comply with LABC Section 3006.3 (items 2, 3 and 5), LABC Section 710.5.2.2, and LAFC Sections 108, 109 and 705.2, and are subject to the conditions of use described in this supplement. Additionally, Model M2100E Smoke & Fire Containment System complies with LABC Sections 716.2.2.1 and 3006.3 (Item 1).

3.0 CONDITIONS OF USE

The Smoke Guard® System – Models M200, M400, M400B, M600, M2100E Smoke Containment Systems and Model M2100E Smoke & Fire Containment System described in this evaluation report must comply with all of the following conditions:

- All applicable sections in the evaluation report [ESR-1136](#).
- The design, installation, conditions of use, identification, inspection, maintenance and testing are in accordance with the 2021 *International Building Code*® (IBC) and 2021 *International Fire Code*® (IFC) provisions noted in the evaluation report [ESR-1136](#).
- The design, installation, identification, inspection, maintenance and testing are in accordance with additional requirements of LABC Chapter 7 and LAFC Sections 108, 109, 705.2 and 909, as applicable.
- The Smoke Guard® System – Models M200, M400, M400B, M600 and M2100E Smoke Containment Systems and Model M2100E Smoke & Fire Containment System may be used in smoke control systems designed by registered professionals in accordance with the applicable requirements of LAFC Section 909.
- When used in a smoke control system in new buildings, testing of Smoke Guard® System – Models M200, M400, M400B, M600 and M2100E Smoke Containment Systems and Model M2100E Smoke & Fire Containment System must comply with applicable requirements of the City of Los Angeles Information Bulletin P/MC 2014-001.

This supplement expires concurrently with the evaluation report, reissued October 2022, revised April 2023.

DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION**Section: 07 87 00—Smoke Containment Barriers****DIVISION: 08 00 00—OPENINGS****Section: 08 30 00—Specialty Doors and Frames****REPORT HOLDER:**

SMOKE GUARD, INC.

EVALUATION SUBJECT:**SMOKE GUARD® SYSTEM—MODELS M200, M400, M400B, M600 AND M2100E SMOKE CONTAINMENT SYSTEMS**
SMOKE GUARD® SYSTEM—MODEL M2100E SMOKE & FIRE CONTAINMENT SYSTEM**1.0 REPORT PURPOSE AND SCOPE****Purpose:**

The purpose of this evaluation report supplement is to indicate that Smoke Guard® System—Models M200, M400, M400B, M600 and M2100E Smoke Containment Systems and Model M2100E Smoke & Fire Containment System, described in ICC-ES evaluation report ESR-1136, have also been evaluated for compliance with CBC Chapters 7 and 30 and CFC Chapters 1 and 7 of the code editions noted below.

Applicable code editions:

■ 2022 California Building Code (CBC)

For evaluation of applicable Chapters adopted by the California Office of Statewide Health Planning and Development (OSHPD) AKA: California Department of Health Care Access and Information (HCAI) and the Division of State Architect (DSA), see Sections 2.1.1 and 2.1.2 below.

■ 2022 California Fire Code (CFC)

2.0 CONCLUSIONS**2.1 CBC:**

The Smoke Guard® System, described in Sections 2.0 through 7.0 of the evaluation report ESR-1136, complies with CBC Section 3006.3 (Items 3 and 5 for Smoke Containment System Models M200, M400, M400B and M600 and Items 2 and 5 for Smoke Containment Systems Model M2100E), CBC Sections 710.5.2.2, 716.2.2.1 and 3006.3 Item 1 (Smoke & Fire Containment Systems Model M2100E), and CBC Section 716.2.2.1.1 (Smoke Containment System Models M200, M400, M400B, M600 and M2100E), provided the design, installation, inspection and maintenance are in accordance with the 2021 *International Building Code*® (IBC) provisions noted in the evaluation report and the additional requirements of the CBC, as applicable.

2.1.1 OSHPD:

The applicable OSHPD Sections and Chapters of the CBC are beyond the scope of this supplement.

2.1.2 DSA:

The applicable DSA Sections and Chapters of the CBC are beyond the scope of this supplement.

2.2 CFC:

The Smoke Guard® System—Models M200, M400, M400B, M600 and M2100E Smoke Containment Systems and Model M2100E Smoke & Fire Containment System, described in Sections 2.0 through 7.0 of the evaluation report ESR-1136, comply with CFC Sections 108, 109 and 705.2, provided the design, installation, inspection and maintenance are in accordance with the 2021 *International Fire Code*® (IFC) provisions noted in the report and the additional requirements of the CFC, as applicable.

This supplement expires concurrently with the evaluation report, reissued October 2022, revised April 2023.