



## Office of University Building Official

4400 University Drive, MS 1E4; Fairfax, VA 22030

Telephone: (703) 993-6070

### INSTRUCTIONS

- 1) Complete Form HECO-6a, the "Statement of USBC Special Inspections."
- 2) Complete Form HECO-6b, "2018 USBC Special Inspections" list.
- 3) Print both forms.
- 4) Obtain the Structural Engineer of Record, A/E of Record, and Smoke Control RDP signatures for the HECO-6a form.
- 5) Submit both forms together to University Building Official. Include a hard copy with the project documents or e-mail a pdf document to [oubo@gmu.edu](mailto:oubo@gmu.edu). DO NOT send the Excel file as appropriate signatures must be provided on the HECO-6a cover page.
- 6) Include a copy of the completed CO-6b list of special inspections in the Project Manual. The CO-6a cover page may be omitted from the Project Manual.
- 7) Include a copy of each RDP of record Virginia license.
- 8) Include a copy of each Special Inspection's & Materials Test Lab's Certificates.
- 9) Include a copy of each Special Inspector's Certificate(s).

# STATEMENT OF STRUCTURAL & SPECIAL INSPECTIONS

HECO-6a

DATE: \_\_\_\_\_

PROJECT TITLE: \_\_\_\_\_

PROJECT NUMBER: \_\_\_\_\_

A/E OF RECORD: \_\_\_\_\_

A/E FIRM OF RECORD: \_\_\_\_\_

A/E VA BUSINESS LIC. NO. \_\_\_\_\_

The following firms and/or individuals (with address and telephone number shown) are designated to perform the Structural & Special Inspections designated below. The firm/ individual has the experience, qualifications, certifications and/or licenses required to perform the functions indicated.

## TESTING AND INSPECTION SERVICE

### SPECIAL INSPECTION & MATERIAL TEST (SIMT) CO.

### SIMT COMPANY A/E OF RECORD

### SMOKE CONTROL TESTING & INSPECTION

Company: _____	A/E Name: _____	Name: _____
Address: _____	Title: _____	Address: _____
City/St/Zip _____	email: _____	City/St/Zip _____
Phone: _____	Phone: _____	Phone: _____
Lic No. _____	Lic No. _____	Lic No. _____

## UNIVERSITY PROJECT STAFF

### CONSTRUCTION FIELD REP.

Name: \_\_\_\_\_  
email: \_\_\_\_\_

### PROJECT MANAGER

Name: \_\_\_\_\_  
email: \_\_\_\_\_

Inspection and/or Testing responsibilities are indicated on the attached list Structural & Special Inspections Schedule, Form HECO-6b. Copies of all test data and reports shall be provided to the A/E of Record and to the University's Project Manager on a timely basis. The Contractor shall be notified of all deficiencies and discrepancies in a timely manner so that corrective action can be taken.

## PROFESSIONAL OVERSIGHT AND CERTIFICATION

### STRUCTURAL

#### ENGINEER OF RECORD

#### A/E of RECORD

#### SMOKE CONTROL RDP

Name: _____	Name: _____	Name: _____
Address: _____	Address: _____	Address: _____
City/St/Zip _____	City/St/Zip _____	City/St/Zip _____
Phone: _____	Phone: _____	Phone: _____

\_\_\_\_\_  
(Signature) (Date)

\_\_\_\_\_  
(Signature) (Date)

\_\_\_\_\_  
(Signature) (Date)

## CODE OFFICIAL'S ACCEPTANCE

**Approved:** This form is approved by the University Building Official upon acceptance and permitting of the project plans and specifications.

**Comments:**

**Original to:**

**Copies to:**

**Attachment(s):** HECO-6b List of Special Inspections  
Certifications  
Licenses







**2018 USBC SPECIAL INSPECTIONS**

**HECO-6b**

<b>Project Title:</b>								
<b>Project Number:</b>								
MATERIAL/ ACTIVITY	TYPE OF INSPECTION <i>(A/E add lines as needed to identify other required items)</i>	REQ'D THIS PROJ ?	REFERENCE	INSPECTION / TEST BY *				
				OWNER'S TEST LAB	A/E OF RECORD	SMOKE CONTROL	CFR/PM	CONTRACTOR / SUPPLIER
<b>FIREPROOFING</b>								
Spray-on	Manufacturer's Data		Specs		X			3
Spray-on	Surface Conditions		1705.14.2	X				
Spray-on	Application		1705.14.3	X				3
Spray-on	Thickness		1705.14.4	X				
Spray-on	Density		1705.14.5	X				
Spray-on	Bond Strength		1705.14.6	X				
Mastic/ Intumescent	Fire-Resistant Coatings - Materials, Application		1705.15	X	X (Periodic)		X	3
GWB Fireproof	Manufacturer's Data		Specs		X			3
GWB Fireproof	Placement Of Materials		Specs		X (Periodic)		X	
Fire Wall Assembly	Manufacturer's Data		Specs, 706.2		X			3
Fire Wall Assembly	Placement Of Materials		Specs, 706.2		X (Periodic)		X	
<b>EXTERIOR INSULATION &amp; FINISH SYSTEMS (EIFS)</b>								
Materials	Manufacturer's Data		Specs		X			3
Preparation	Condition Of Substrate		Specs, 1705.16.1		X (Periodic)		X	
Application	Methods, Proportions & Thickness Of Installation		Specs, 1705.16.1	X (Periodic)	X (Periodic)		X	
<b>SMOKE CONTROL ( see note 5 )</b>								
Ducts	Device Location And Air Duct Leakage		1705.18.1			X		
System	Pressure Difference, Flow Measurements & Detection Testing		1705.18.1			X		
Controls	Activation Sequence		1705.18.1			X		
<b>STRUCTURAL OBSERVATIONS ( see note 7 )</b>								
Struct. Observations	As determined in written statement by structural observer		Specs, 1704.6	Structural observation does not include or waive the responsibility for the inspections in VCC Section 110 or the special inspections in Section 1705 listed above.				

**2018 USBC SPECIAL INSPECTIONS**

**HECO-6b**

<b>Project Title:</b>	
<b>Project Number:</b>	

**NOTES:**

1. Fabricator, supplier, ready-mixed plant or other production plant shall provide certificates from an approved independent inspection, testing or quality assurance agency attesting that the plant meets at least one of the following criteria:
  - a. The plant is a certified production plant meeting the quality assurance standards of a recognized national standards organization for that product.
  - b. The plant maintains an agreement with an independent inspection or quality assurance agency to conduct periodic in-plant quality assurance inspections. The frequency of these inspections shall not be less than one every six months.
  - c. The plant has an in-shop quality assurance inspection program by an independent testing or quality assurance agency for the work/ product to be provided on this project.
2. A/E shall review fabricator/ supplier/ producer certificates for conformance with appropriate standards of practice and quality assurance.
3. Contractor/ supplier shall submit manufacturer's certificates of compliance for the materials/ products.
4. Reviews records and test results for conformance with requirements.
5. Special Inspection firm shall have expertise in fire protection engineering, mechanical engineering, and certification as an air balancer. The special inspector listed on the cover page and the Agency are responsible for verifying that the inspector(s) for smoke control is qualified as required by USBC 1705.18.2.
6. Unless noted otherwise, the reference numbers listed refer to the 2018 USBC.
7. The Owner's structural observer shall submit a written statement to OUBO identifying the frequency and extent of structural observations