

DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

APPLICATION FOR HCAI PREAPPROVAL OF MANUFACTURER'S CERTIFICATION (OPM)

OFFICE USE ONLY

APPLICATION #: OPM-0523

HCAI	Preapproval	of Manufacturer's	Certification	(OPM)

Type: New X Renewal/Update

Manufacturer Information

Manufacturer: CornellCookson LLC.

Manufacturer's Technical Representative: Tom Balay

Mailing Address: 8585 Duke Blvd., Mason, OH 45040

Telephone: (800) 233-8366

Email: tbalay@clopay.com

Product Information

Product Name: SmokeShield Elevator OPM-052

Product Type: Other Mechanical or Electrical Component

Product Model Number: ERF-10 O BY: Jeffrey Kikumoto

General Description: Automated smoke screen over elevator opening

Applicant Information

Applicant Company N	Name: EASE LLC.							
Contact Person: Tiff	any Tonn	BU	ILDING					
Mailing Address: 1515 FAIRVIEW AVE, STE 205, MISSOULA, MT 59801								
Telephone: (406) 54	1-3273	Email:	tiffany@easeco.com					

Title: Office Manager

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

STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY



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DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

Registered Design Professonal Preparing Engineering Recommendations Company Name: EASE LLC

Name: Jonathan Roberson

California License Number: S4197

Mailing Address: 5877 Pine Ave., Suite 210, Chino Hills, CA 91709

Telephone: (951) 295-1892

Email: jon@EASECo.com

HCAI Special Seismic Certification Preapproval (OSP)								
Special Seismic Certification is preapproved under OSP OSP Number:								
FOR CODE CO.								
Certification Method								
Testing in accordance with: ICC-ES AC156 FM 1950-16								
Other(s) (Please Specify):								
*Use of criteria other than those adopted by the California Building Standards Code, 2022 (CBSC 2022) for compon and attachments are not permitted. For distribution system, interior partition wall, and suspended ceiling seismic bra criteria other than those adopted in the CBSC 2022 may be used when approved by HCAI prior to testing.								
X Analysis								
Experience Data								
Combination of Testing, Analysis, and/or Experience Data (Please Specify):								
PNIA								
HCAI Approval								
Date: 11/15/2022								
Name: Jeffrey Kikumoto Title: Senior Structural Engineer								
Condition of Approval (if applicable):								



		EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING Office of Statewide Health Planning and Development PREAPPROVAL OF MANUFACTURER'S CERTIFICATION OPM-0523 THIS PREAPPROVAL CONFORMS TO THE 2022 CALIFORNIA BUILDING CODE	5877 Pine Ave, Ste. 210 Chino Hills, CA. 91709 Phn: (909) 606-7622						
MA	NU	FACTURER: CORNELLCOOKSON	Sheet: <u>1 of 6</u>						
EQ	UIP	MENT NAME: SmokeShield Elevator ERF-10	Date: 11/14/22						
GE	NE	RAL NOTES							
1.		IIS HCAI PREAPPROVAL OF MANUFACTURER'S CERTIFICATION (OPM) IS BASED ON THE 2022 CBC. THE DEM	IANDS						
2.	 (DESIGN FORCES) FOR USE WITH THIS OPM SHALL BE BASED ON THE 2022 CBC THIS DOCUMENT MAY ONLY BE USED WITH THE EXPRESS WRITTEN CONSENT OF THE MANUFACTURER LISTED ABOVE FOR THE SPECIFIC PROJECT SITE AND INSTALLATION LOCATION. THIS DOCUMENT IS INVALID WITHOUT SUCH CONSENT. 								
3		IIS PREAPPROVAL CONFORMS TO THE 2022 CALIFORNIA BUILDING CODE WHERE SDS IS NOT GREATER THA							
		RCES PER ASCE 7-16 SECTION 13.3.1, EQUATIONS 13.3-1, 13.3-2 & 13.3-3,							
		HERE SDS = 2.20 a_p = 1.0, I_p = 1.5, R_p = 1.5, $z/h < 1$ CONCRETE WALL. SEE FOLLOWING SHEETS FOR Ω_0							
5.		IIS PREAPPROVAL COVERS ONLY THE SUPPORTS AND ATTACHMENTS OF THE EQUIPMENT TO THE STRUC	TURE.						
6.		L DESIGN FORCES SHOWN ON THE DRAWINGS ARE FACTORED LOADS THAT SHALL BE USED FOR STRENG							
7.	SH	IEET METAL SCREWS SHALL BE TEKS SCREWS BY ITW BUILDEX (ICC ESR-1976).							
8.	СС	DNCRETE WALL DETAIL VALID FOR DEMANDS SHOWN AT ANY ELEVATION. (i.e. $z/h \le 1$)							
9.	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 C	OTHER LOADS.						
	B.	VERIFY THAT THE INSTALLATION IS IN CONFORMANCE WITH THE 2022 CBC AND WITH THE DETAILS, MATERIAL AND GAGE OF THE UNIT WHERE ATTACHMENTS ARE MADE AGREE WITH THE INFORMATION SH PREAPPROVAL DOCUMENTS.	HOWN ON THE						
	C.	VERIFY THAT PROJECT SPECIFIC VALUES OF SDS & z/h RESULT IN SEISMIC FORCES (Eh, Ev) THAT DO NOT EXCEED THE VALUES ON THE DETAILS.	Г						
	D.	VERIFY THAT THE CONCRETE WALL TO WHICH THE EQUIPMENT IS ANCHORED MEETS THE REQUIREMENTS OF THE APPLICABLE ICC ESR AND THIS OPM.							
	E.	VERIFY THAT THE ANCHORS ARE AN ADEQUATE DISTANCE FROM ANY CONCRETE WALL EDGES OR OPENINGS (SEE TYPICAL DETAIL 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.	HAN ROBERT						
	G.	DESIGN BACKING BARS, STUDS, ETC. WHICH THE UNITS ARE ATTACHED TO AS NOTED ON THE DRAWINGS.	EXP. 6-30-2024 S. 11/14/22 PUCIVEN OF CALLED						

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	CREW AN											
/		HMENT IS TO CORRESPO		DE WITH THE ANC C REPORT.	CHORS LIST	ED BELO	W AND IN	ISTALLED	AS DESCRIE	BED		
	Anchor Diameter	Concrete Type	Min. f'c (psi)	Anchor Type	HCAI	Min. Embed.	Min. Spacing	Min. Edge Dist.	Min. Conc. Thickness	Torque Test	Direct Ter	nsion
	3/16"	Normal Weight	3000	TAPCON Concrete Screw	PIN 68	1.92"	3"	2.25"	6"	N/A	221	b
E				S FOR UP TO A N					2.25	'SP_	3.38"	. 1
	ADJA	CENT DETAI		25" AWAY MINIMU DDITIONAL MINIM					(MIN)		(MIN)	
(ISTANCES. G AND SPEC	CIAL INSP	ECTION OF SCRI	EW ANCHO	RS SHALL	CON	2.25" (MIN)				
				ROVED INDEPEN				$n \ge 1$		[•	- •]	
				TS SHALL BE SEN			DR					
		ORD, OWNE		HE ARCHITECT C	R ENGINEE	RIN ²³	5	dS				
	(i) AFT	ER AT LEAS	T 24 HOU	RS HAVE ELAPS	- /				0		_ 0	
				EST AT LEAST 50				3.38" (MIN)		SP =	BOLT SPACINE	5
		DIRECT TEN	ISION TE	ST: THE ANCHO	R SHOULD I	HAVE NO	1999999	A L	/			
			INE OBS	MENT AT THE TE				DE.	TYPICAL	CONCRETE	EDGE DETA	<u>NL</u>
				EST ALL ANCHO		IDIN	GC					
[G STEEL REINFO TE SCREW ANCH		CONCRE	TE WALL					
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											TAN ROBE	
										REGIS	No. 4197	NEER
										×.	EXP. 6-30-202 , 11/14/22 R// r t NB	
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