

APPLICATION FOR OSHPD PREAPPROVAL	OFFICE USE ONLY							
OF MANUFACTURER'S CERTIFICATION (OPM)	APPLICATION #: OPM-0307-13							
OSHPD Preapproval of Manufacturer's Certification (OPM)								
Type: Image: New Image: Renewal Image: Update to Pre-CBC 2013 OPA Number:								
Manufacturer Information								
Manufacturer: Samsung								
Manufacturer's Technical Representative: Ninad Gujar								
Mailing Address: 14 Electronics Ave., Danvers, MA. 01923								
Telephone: On File Email: DOn File								
Product Information	MA							
Product Name: GF50 Wall Stand								
Product Type: _Other Mechanical and Electrical Components 13	E							
Product Model Number: GF50								
General Description: Digital Radiography system component								
DATE: 03/07/2016								
E. F.								
Applicant Information	CODE .							
Applicant Company Name: EASE Co.	G							
Contact Person: Jonathan Roberson, S.E.								
Mailing Address: _ 5877 Pine Ave. Suite 210, Chino Hills, CA. 91709								
	person@EASECo.com							
I hereby agree to reimburse the Office of Statewide Health Planning and Development review fees in accordance with the California Administrative Code, 2013.								
Signature of Applicant:	Date: 2/9/16							
Title: Principal Engineer Company Name: EASE	E Co.							
	1							
"Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs"	os 7pd							
STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY OSH-FD-700 (REV 1/24/13)	Page 1 of 2							



OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT FACILITIES DEVELOPMENT DIVISION

Registered Design Professional Preparing Engineering Recommendations							
Company Name: EASE Co.							
Name: Jonathan Roberson, S.E. California License Number: S4197							
Mailing Address: _ 5877 Pine Ave. Suite 210, Chino Hills, CA. 91709							
Telephone: 909-606-7622 Email: J.Roberson@EASECo.com							
OSHPD Special Seismic Certification Preapproval (OSP)							
 Special Seismic Certification is preapproved under OSP- (Separate application for OSP is required) Special Seismic Certification is not preapproved 							
Certification Method(s)							
Testing in accordance with: ICC-ES AC156 FM 1950-10 Other* (Please Specify):							
OS. JOG							
 *Use of test criteria other than those adopted by the California Building Standards Code, 2013 (CBSC 2013) 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 2013 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 □ Manufacturer's Catalog □ Other(s) (Please Specify):							
OFFICE USE ONLY – OSHPD APPROVAL VALID FOR CBC 2013 ONLY Signature:							
Title: SSE							
Condition of Approval (if applicable):							
"Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs" STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY OSH-FD-700 (REV 1/24/13) Page 2 of 2							

	EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING Office of Statewide Health Planning and Development PREAPPROVAL OF MANUFACTURER'S CERTIFICATION OPM-0307-13 THIS PREAPPROVAL CONFORMS TO THE 2013 CALIFORNIA BUILDING CODE	5877 Pine Ave, Ste. 210 Chino Hills, CA. 91709 Phn: (909) 606-7622								
	ANUFACTURER: SAMSUNG QUIPMENT NAME: GF50 WALL STAND	Sheet: <u>1 of 7</u> Date: 2/29/16								
GI	ENERAL NOTES									
1.	THIS OSHPD PREAPPROVAL OF MANUFACTURER'S CERTIFICATION (OPM) IS BASED ON THE 2013 CBC. THE DEM (DESIGN FORCES) FOR USE WITH THIS OPM SHALL BE BASED ON THE 2013 CBC	<i>I</i> ANDS								
2.	THIS DOCUMENT MAY ONLY BE USED WITH THE EXPRESS WRITTEN CONSENT OF THE MANUFACTURER LISTED SPECIFIC PROJECT SITE AND INSTALLATION LOCATION. THIS DOCUMENT IS INVALID WITHOUT SUCH CONSENT									
3.	 THIS PREAPPROVAL CONFORMS TO THE 2013 CALIFORNIA BUILDING CODE WHERE Sps IS NOT GREATER THAN 1.35 & 2.20 SEE DETAIL FOR APPLICABILITY 									
4.	FORCES PER ASCE 7-10 SECTION 13.3,1, EQUATIONS 13.3-1, 13.3-2 & 13.3-3,									
	WHERE SDS = 1.35, $a_p = 1.0$, $I_p = 1.5$, $R_p = 2.5$, $z/h = 0$ AT CONCRETE SLAB, SEE FOLLOWING SHEETS FOR Ω_0 WHERE SDS = 2.20, $a_p = 1.0$, $I_p = 1.5$, $R_p = 2.5$, $z/h < 1$ AT CONCRETE SLAB ON METAL DECK. SEE FOLLOWING SHEETS FOR Ω_0									
5. 6	5. THIS PREAPPROVAL COVERS ONLY THE SUPPORTS AND ATTACHMENTS OF THE EQUIPMENT TO THE STRUCTURE.									
o. 7.	 ALL DESIGN FORCES SHOWN ON THE DRAWINGS ARE FACTORED LOADS THAT SHALL BE USED FOR STRENGTH DESIGN. CONCRETE SLAB ON METAL DECK DETAIL VALID FOR DEMANDS SHOWN AT ANY ELEVATION IN THE BUILDING. (i.e. z/h ≤ 1) 									
8.	8. CONCRETE SLAB ON GRADE DETAIL VALID FOR DEMANDS SHOWN AT ANY ELEVATION BELOW GRADE. (i.e. z/h = 0)									
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 OT	HER LOADS.								
	B. VERIFY THAT THE INSTALLATION IS IN CONFORMANCE WITH THE 2013 CBC AND WITH THE DETAILS, MATERIAL AND GAGE OF THE UNIT WHERE ATTACHMENTS ARE MADE AGREE WITH THE INFORMATION SHC PREAPPROVAL DOCUMENTS.	WN 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.									
	D. VERIFY THAT THE CONCRETE SLAB TO WHICH THE EQUIPMENT IS ANCHORED MEETS THE REQUIREMENTS OF THE APPLICABLE ICC ESR.									
	E. VERIFY THAT THE ANCHORS ARE AN ADEQUATE DISTANCE FROM ANY SLAB EDGES OR OPENINGS (SEE TYPICAL DETAIL ON SHEET 2).	HAN ROBES								
		No. 4197 EXP. 6-30-2016 C. 2/29/16 PUCTUR OF CALLEON								

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			/					јов	јов NO. 11-1527 🛛 🕹			
GF50 WALL STAND							DATE	DATE 2/29/16 OF 7			EETS	
	XPANSION											
	A. ATTACHMENT IS TO BE MADE WITH THE ANCHORS LISTED BELOW AND INSTALLED AS DESCRIBED IN THE CORRESPONDING ICC REPORT.											
	Anchor Diameter	Concrete Type	Min. f'c (psi)	Anchor Type	ICC Report No.	Min. Embed.	Min. Spacing	Min. Edge Dist.	Min. Conc. Thickness	Torque Test	Direct Tension	
	3/8"	Sand Light Weight	3000	Hilti Kwik Bolt TZ	ESR-1917	2"	N/A	N/A	See Sheet 7 of 7	25 FT-LB	1825 lb	
	3/8"	Normal Weight	3000	Hilti Kwik Bolt TZ	ESR-1917	2"	8"	12"	4"	25 FT-LB	1515 lb	
В.	CONCF ADJAC	RETE SLAB E	DGES, 12	DR UP TO A MAXIN 2" AWAY MINIMUM DITIONAL MINIMU	(i.e CORN	ER). SEE	RETE	014) SP	18" (MIN)	
	TESTIN INSPEC	NG SHALL BE	DONE IN	ICHORS PER 2013 I THE PRESENCE OF THE TEST RES	OF THE SPE	CIAL	bd	12 ⁱⁿ	Z	[0	•	
	DIF		ENSION -	URS HAVE ELAPSE	TEST AT LE	AST 50%	OFumoto	5	CE O			
(ii) ACCEPTANCE CRITERIA: • DIRECT TENSION TEST: THE ANCHOR SHOULD HAVE NO OBSERVABLE MOVEMENT AT THE TEST LOAD. A PRACTICAL WAY TO DETERMINE OBSERVABLE MOVEMENT IS THAT THE WASHER												
TORQUE TEST: THE APPLICABLE TORQUE MUST BE ACHIEVED. WITHIN THE FOLLOWING LIMITS: WEDGE TYPE: 1/2 TURN OF THE NUT												
	(iii) IF /	ANY ANCHOF	R FAILS, 1	FEST ALL ANCHOR	RS.							
				STEEL REINFORG		ICRETE S	LAB					
	E. PROVI	DE FOR FULL	. THREAD) ENGAGEMENT O	F NUT & WA	SHER.						
11. B	OLTS THRC	UGH CONCR	RETE ON	METAL DECK								
	TIGHT REQUI	(THE SNUG- RED TO BRIN	TIGHT CO IG THE C	BY 3/4 TURN OF T ONDITION IS DEFIN ONNECTED PLIES NLESS OTHERWIS	IED AS THE	TIGHTNE	SS		\langle	Quatto		સા
				ALL BE 1/16" LARG (16) FOR CONCRE		OLT SIZE					NOT	
	C. THROU TESTIN	JGH-BOLTS II NG (THROUG ON DO NOT F	N CONCF H BOLTS REQUIRE	RETE SHALL RECE WITH STEEL TO S TENSION TESTING INSTALLED ANCH	IVE SPECIAL TEEL CONN G) IN ACCOR	ECTION II	N				No. 4197 XP. 6-30-2016 2/29/16 PUCIVEL OF CALIFORM	EFR E









