



DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION
OFFICE OF STATEWIDE HOSPITAL PLANNING AND DEVELOPMENT

APPLICATION FOR HCAI SPECIAL SEISMIC
CERTIFICATION PREAPPROVAL (OSP)

OFFICE USE ONLY

APPLICATION #: OSP-0410

HCAI Special Seismic Certification Preapproval (OSP)

Type: ☐ New ☒ Renewal

Manufacturer Information

Manufacturer: SIEMENS HEALTHCARE GmbH Manufacturer's

Technical Representative: Martin Knierim

Mailing Address: Siemensstr. 1, 91301 Forchheim, Germany

Telephone: +49 (9191) 18-9539

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Product Information

Product Name: Artis Patient Table

Product Model Number(s): Artis Patient Table

Product Category: Motorized Operating Table Systems

Product Sub-Category: Motorized Operating Table Systems

General Description: Components of a motorized operating table system.

Mounting Description: Several - See Certified Product Tables

Tested Seismic Enhancements: None

Applicant Information

Applicant Company Name: W.E. GUNDY & ASSOCIATES INC.

Contact Person: Travis Soppe

Mailing Address: P.O. Box 9121, Boise, ID 83707

Telephone: (208) 342-5989

Email: tsoppe@wegai.com

Title: President



**DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION
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California Licensed Structural Engineer Responsible for the Engineering and Test Report(s)

Company Name: W.E. GUNDY & ASSOCIATES INC.

Name: Travis Soppe

California License Number: S6115

Mailing Address: P.O. Box 9121, Boise, ID 83707

Telephone: (208) 342-5989

Email: tsoppe@wegai.com

Certification Method

☐ GR-63-Core

☒ ICC-ES AC156

☐ IEEE 344

☐ IEEE 693

☐ NEBS 3

☐ Other (Please Specify): _____

Testing Laboratory

Company Name: ENVIRONMENTAL TESTING LABORATORIES, INC. (ETL)

Contact Person: Jeremy Lange

Mailing Address: 11034 Indian Trail, Dallas TX 75229-3513

Telephone: (972) 247-9657

Email: Jeremy@etldallas.com

BY: Mohammad Karim

DATE: 12/17/2025



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Seismic Parameters

Certified Response Spectral Acceleration Factors: (F_p/W_p)

Horizontal (A Flx-H), $g =$ 3.20 (A Rig-H), $g =$ 2.15

Vertical (A Flx-V), $g =$ 1.34 (A Rig-V), $g =$ 0.54

SDS (Design spectral response acceleration at short period, g) = 2.00 (z/h = 1.0)

H_f (Force amplification height factor) = 3.5

R_u (Structure ductility reduction factor) = 1.3

I_p (Importance factor) = 1.5

z/h (Height ratio factor) = 1

HCAI Approval (For Office Use Only) - Approval Expires on 12/17/2031

Date: 12/17/2025

Name: Mohammad Karim

Title: Supervisor, Health Facilities


Condition of Approval (if applicable): _____

OSP-0410

BY: Mohammad Karim

DATE: 12/17/2025



TABLE 1	SIEMENS HEALTHCARE GmbH SPECIAL SEISMIC CERTIFICATION CERTIFIED SYSTEM AND COMPONENTS					 W.E. GUNDY & ASSOCIATES, INC. STRUCTURAL & EARTHQUAKE ENGINEERING		
	Manufacturer: Siemens Healthcare GmbH							
System: ARTIS PATIENT TABLE								
System Component ¹⁾	Siemens Part Number	Dimensions (in)			Weight (lb)	Mounting	UUT	
		Width	Depth	Height				
Patient Table								
AXA OR Table	10759278	34.5	111 - 137	30 - 43	1355	floor	UUT-1 ²	
Patient Table Cabinet								
Patient Table Cabinet	10759278	23.8	17.6	86.5	261	floor/wall	UUT-2	
System Control Cabinet								
System Control Cabinet	10308766	31.0	17.8	86.8	615	floor/wall	UUT-3	
Universal ON/OFF Box								
ACE2 Universal On/Off	10608967	12.0	12.0	4.0	12	floor	UUT-4	
Notes: ¹ All components are manufactured by Siemens Healthcare GmbH unless noted. Part numbers listed uniquely identify type of component, manufacturer, and material of construction for each sub-component within the tested units. ² Patient table weight does not include simulated patient weights of 440lb.								
SEISMIC CERTIFICATION LIMITS: CBC 2025 - I _p = 1.5								
System Component	S _{DS} (g)	z / h	H _f	R _μ	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
Patient Tables	2.0	1.0	3.5	1.3	3.20	2.15	1.34	0.54
Patient Table Cabinets	2.0	1.0	3.5	1.3	3.20	2.15	1.34	0.54
System Control Cabinets	2.0	1.0	3.5	1.3	3.20	2.15	1.34	0.54
Universal ON/OFF Box	2.0	1.0	3.5	1.3	3.20	2.15	1.34	0.54

UUT-1

UNIT UNDER TEST (UUT) SUMMARY SHEET



Mounting Details: Rigid floor mounted with 4 - 5/8" grade 8 bolts.



Manufacturer: Siemens Healthcare GmbH	Test Location: Environmental Testing Laboratory
Component: AXA OR Table	Test Date: July 22, 2014
Model Number: 10759278	Report Number: SQ35-1420-01 Rev. 1
UUT Function: Motorized patient table	
UUT Description: Artis patient table with tilt and cradle, includes foot pedal controls (05771378) and servo control (10848398)	

UUT PROPERTIES

Weight (lb) with Patient	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
1,795	34.5	137.0	32.0	2.4	7.8	3.1

The patient table moves vertically, horizontally, rotates, and tilts to accommodate different patients and procedures. The system was tested in the normal vertical operating position of 32", with the table top extended, and a total simulated patient weight of 440lbs.

SEISMIC TEST PARAMETERS - CBC 2025 / ICC-ES AC 156-24

S_{DS} (g)	z/h	H_f	R_μ	I_p	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
2.00	1.0	3.5	1.30	1.5	3.20	2.15	1.34	0.54

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 Test.

UUT-2	UNIT UNDER TEST (UUT) SUMMARY SHEET	
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Mounting Details: Rigid floor / wall mounted with 2 - 3/8" grade 8 bolts to the floor and 4 - #12 sheet metal screws to the wall with L4x4x1/4 x 4" brackets and (1) 1/2" bolt to cabinet.



Manufacturer: Siemens Healthcare GmbH	Test Location: Environmental Testing Laboratory
Component: Patient Table Cabinet	Test Date: July 22, 2014
Model Number: 10759278	Report Number: SQ35-1420-01 Rev. 1

UUT Function: Generator for patient table

UUT Description: Component of the AXA OR Table System

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
261	23.8	17.6	86.5	N/A	N/A	N/A

SEISMIC TEST PARAMETERS - CBC 2025 / ICC-ES AC 156-24

	S_{DS} (g)	z / h	H_f	R_μ	I_p	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
	2.00	1.0	3.5	1.30	1.5	3.20	2.15	1.34	0.54

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 Test.

UUT-3	UNIT UNDER TEST (UUT) SUMMARY SHEET	
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Mounting Details: Rigid floor / wall mounted with 2 - 3/8" grade 8 bolts to the floor and 4 - #12 sheet metal screws to the wall with L4x4x1/4 x 4" brackets and (1) 1/2" bolt to cabinet.



Manufacturer: Siemens Healthcare GmbH	Test Location: Environmental Testing Laboratory
Component: System Control Cabinet	Test Date: July 22, 2014
Model Number: 10308766	Report Number: SQ35-1420-01 Rev. 1

UUT Function: System control for patient table

UUT Description: Component of the AXA OR Table System

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
615	31.0	17.8	86.8	N/A	N/A	N/A

SEISMIC TEST PARAMETERS - CBC 2025 / ICC-ES AC 156-24

	S_{DS} (g)	z/h	H_f	R_μ	I_p	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
	2.00	1.0	3.5	1.30	1.5	3.20	2.15	1.34	0.54

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 Test.

UUT-4	UNIT UNDER TEST (UUT) SUMMARY SHEET	
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Mounting Details: Rigid desktop mounted 4 - #12 sheet metal screws to (2) 8" long L3.25x2x12GA LLV with 2" x 8" velcro strips to unit.



Manufacturer: Siemens Healthcare GmbH	Test Location: Environmental Testing Laboratory
Component: ACE2 Universal On/Off Box	Test Date: July 22, 2014
Model Number: 10608967	Report Number: SQ35-1420-01 Rev. 1

UUT Function: Universal on/off switch
UUT Description: Subcomponent of the AXA OR Table system

UUT PROPERTIES									
Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)					
	Width	Depth	Height	FB	SS	V			
12.0	12.0	12.0	4.0	>33	>33	>33			
SEISMIC TEST PARAMETERS - CBC 2025 / ICC-ES AC 156-24									
	S _{DS} (g)	z / h	H _f	R _μ	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
	2.00	1.0	3.5	1.30	1.5	3.20	2.15	1.34	0.54

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 Test.