

	OFFICE USE ONLY			
APPLICATION FOR OSHPD SPECIAL SEISMIC CERTIFICATION PREAPPROVAL (OSP)		OSP - 0573 - 10		
OSHPD Special Seismic Certification Preapproval (OSP)				
Type: 🛛 New 🗌 Renewal				
Manufacturer Information				
Manufacturer: Philips Medical Systems DMC GmbH				
Manufacturer's Technical Representative: Uwe Meyer-Douqué				
Mailing Address: Roentgenstrasse 24, 22335 Hamburg				
Telephone: +49 40 5078 1857 Email: Uwe.m	neyer-Douque@Philips.co	om		
Product Information FOR CODE	20,			
Product Name: ProxiDiagnost	M.P.L.			
Product Type: Radiography and Fluoroscopy Medical Imaging Syste	em Z			
Product Model Number: See Attachment (List all unique product identification numbers and/or part numbers) General Description: Multiple component digital radiography and flu	loroscopy medical diagnos	stic imaging system.		
Mounting Description: Rigid floor mounted and rigid wall mounted, se	ee attachment.			
Applicant Information	CODE			
Applicant Company Name: W.E. Gundy & Associates, Inc. DING	0			
Contact Person: Travis Soppe, SE				
Mailing Address: <u>1199 Shoreline Drive, Suite 310, Boise, ID 83702</u>				
Telephone: (208) 342-5898 Ext. 115 Email: tsoppe	@wegai.com			
I hereby agree to reimburse the Office of Statewide Health I accordance with the California Administrative Code, 2016.				
Signature of Applicant:	Date:	07-12-2018		
Title: President Company Name: W.E. C	Gundy & Associates, Inc.			
"Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs" STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY OSH-FD-759 (REV 12/16/15)	MAMM	OSHPD Page 1 of 3		

STATE OF CALIFORNIA - HEALTH AND HUMAN SERVICES AGENCY OSH-FD-759 (REV 12/16/15)

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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, SE       California License Number:       S6115							
Mailing Address:							
Telephone:       (208) 342-5898 Ext. 115       Email: tsoppe@wegai.com							
Supports and Attachments Preapproval							
Supports and attachments are preapproved under OPM- (Separate application for OSHPD Preapproval of Manufacturer's Certification (OPM) of Supports and attachments is required)							
Supports and attachments are not preapproved $CODR$							
Certification Method							
Image: Specify in accordance with:       Image: CC-ES AC156         Image: Other (Please Specify):       Image: OSP=0573=10							
BY:Ali Sumer							
Testing Laboratory							
Company Name: IABG mbH							
Contact Name: Dr. Steffen Roedling							
Mailing Address:Einsteinstrasse 20, Ottobrunn, Germany D-85521							
Telephone:							

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



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OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT FACILITIES DEVELOPMENT DIVISION

Seismic Parame
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Design in accordance with ASCE 7-10 Chapter 13: 🛛 Yes 🗌 No
Design Basis of Equipment or Components (Fp/Wp) = See Attachment
$S_{DS}$ (Design spectral response acceleration at short period, g) = 2.0 for z/h = 1.0 and 2.5 for z/h = 0
$a_p$ (In-structure equipment or component amplification factor) = <u>Multiple</u> , see attachment
R <sub>p</sub> (Equipment or component response modification factor) = <u>Multiple, see attachment</u>
$\Omega_0$ (System overstrength factor) = <u>Multiple</u> , see attachment
I <sub>P</sub> (Importance factor) = 1.5
z/h (Height factor ratio) =1.0 at S <sub>DS</sub> =2.0g and 0 at S <sub>DS</sub> = 2.5g
Equipment or Component Natural Frequencies (Hz) = <u>Multiple, see attachment</u>
Overall dimensions and weight (or range thereof) = <u>Multiple, see attachment</u>
Equipment or Components @ grade designed in accordance with ASCE 7-10 Chapter 15:  Yes No Design Basis of Equipment or Components (V/W) =
S <sub>DS</sub> (Design spectral response acceleration at short period, g) =
S <sub>D1</sub> (Design spectral response acceleration at 1 second period, g) =
R (Response modification coefficient ) = <u>OSP-0573-10</u>
$\Omega_0$ (System overstrength factor) =
C₄ (Deflection amplification factor) = BY:AL1 Sumer
$I_{P}$ (Importance factor) = 1.5
Height to Center of Gravity above base =
Equipment or Component Natural Frequencies (Hz) =
Overall dimensions and weight (or range thereof) =
Tank(s) designed in accordance with ASME BPVC, 2015: 🔲 Yes 🖾 No
List of Attachments Supporting Special Seismic Certification
🖾 Test Report(s) 🗌 Drawings 🔄 Calculations 🖾 Manufacturer's Catalog
Other(s) (Please Specify): Certified System Matrix, UUT Summary Sheets, Subcomponent Certification Letter
OSHPD Approval (For Office Use Only) – Approval Expires on December 31, 2022
Contro Approval (1 of Office Ose Offiy) - Approval Expires of December 31, 2022
Signature: Date: February 21, 2019
Signature:       Date:       February 21, 2019         Print Name:       Ali Sumer       Title:       DSE
Special Seismic Certification Valid Up to : S <sub>DS</sub> (g) = <u>See Above</u> z/h = <u>See Above</u>
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-759 (REV 12/16/15) Page 3 of 3

### PHILIPS MEDICAL SYSTEMS DMC GmbH SPECIAL SEISMIC CERTIFICATION CERTIFIED SYSTEM AND COMPONENTS



Manufacturer: Philips Medical Systems DMC GmbH

System: ProxiDiagnost Radiography and Fluoroscopy System

	U 1 1		100				
	Philips Dimensions (in)			(in)	Weight	Mounting	UUT
System Component <sup>1)</sup>	Part Number	Width	Length	Height	(lb)	Mounting	UUI
ProxiDiagnost Stand	4512 202 03561	78.7	65.0	62.6	3520 <sup>2)</sup>	floor	UUT-1A/B/C <sup>3)</sup>
Vertical Stand VS2	9897 010 01411	28.3	60.6	82.7	521	floor/wall	UUT-2A/B
M-Shield (AXIOMTEC)	4512 133 65532	9.1 FOR	C5.9DE	1.8	1	floor	UUT-3
WIFI Access Point (ARUBA)	4512 201 12191	5.9	5.90	2.8	1	wall	UUT-4
WIFI Access Point (ARUBA)	4512 20142xxx <sup>4</sup>	5.9 <sup>SP</sup>	-0573-1	2.8	NGE	wall	same as UUT-4

<sup>1)</sup> All components are manufactured by Philips Medical Systems DMC GmbH unless noted in (). The part numbers listed uniquely identify the type of component, manufacturer, and material of construction for each sub-component within the tested units.

<sup>2)</sup> ProxiDiagnost Stand weight listed does not include 540lb simulated patient weight included during the horizontal position seismic tests.

<sup>3)</sup> The integrated patient table / detector of the ProxiDiagnost Stand system is designed to operate in both the vertical and horizonatal positions. The system was tested with the patient table / dectector in both the horizontal (UUT-1A/B) and vertical (UUT-1C) positions.

<sup>4)</sup> The "xxx" designation indicates differences in color and software for the identified access point configuration.

SEISMIC CERTIFICATION LIMITS								
System Component	Code	S <sub>DS</sub> (g)	z / h	I <sub>P</sub>	a <sub>P</sub>	R <sub>P</sub>	Ω <sub>0</sub>	$\mathbf{F}_{\mathbf{P}}$ / $\mathbf{W}_{\mathbf{P}}$
ProxiDiagnost Stand	CBC	2.0	1.0	1.50	1.0	1.5	1.5	2.40
	2016	2.5	0					1.13
Vertical Stand VS2	CBC	2.0	1.0	1.50	1.0	1.5	1.5	2.40
	2016	2.5	0					1.13
M-Shield	CBC	2.0	1.0	1.50	1.0	2.5	2.0	1.44
	2016	2.5	0					1.13
WIFI Access Point	CBC	2.0	1.0	1.50	1.0	2.5	2.0	1.44
	2016	2.5	0					1.13

### PHILIPS MEDICAL SYSTEMS DMC GmbH SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENTS



Manufacturer: Philips Medical Systems DMC GmbH

System: ProxiDiagnost Radiography and Fluoroscopy System

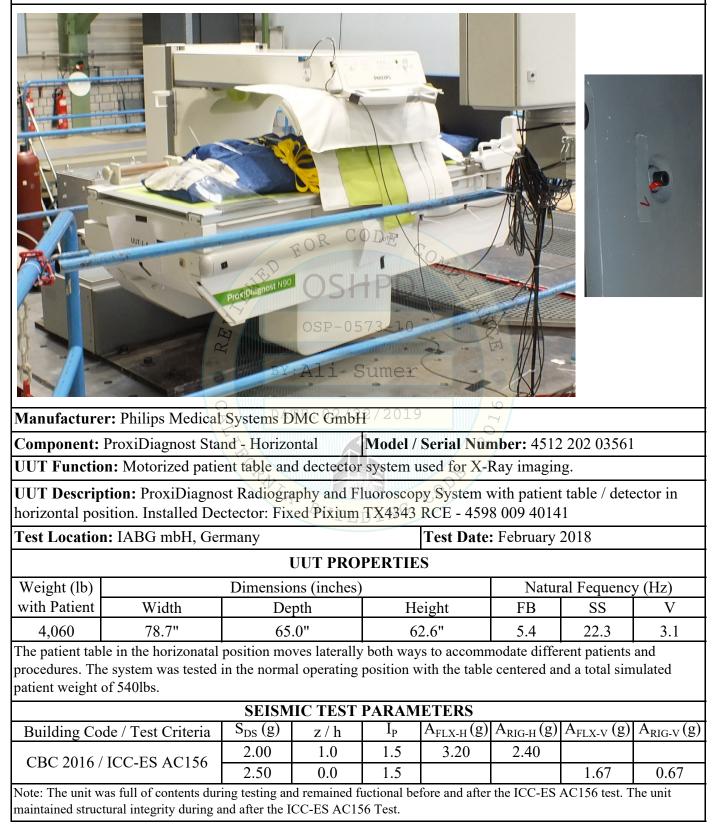
Sybeemsenet	Philips	Dimensions (in)			Weight				
Subcomponent	Part Number <sup>1</sup>	Width	Length	Height	(lb)	UUT			
WIFI Detectors									
	4598 012 42981	13.8	16.9	1.0	7	UUT-1B			
	4598 012 4298x	13.8	16.9	1.0	7	interpolated			
Large Skyplate Pixium 3543 EZ	4512 134 7214x	13.8	16.9	1.0	7	interpolated			
	9897 010 0083x	13.8	16.9	1.0	7	interpolated			
	9897 010 00835	C 13.8E	16.9	1.0	7	UUT-1C			
Small Skyplate Pixium 2430 EZ	4598 013 7483x	9.5	1.2	1.0	4	interpolated			
	4512 134 7330x	9.5	1.2	1.0	4	interpolated			
	9897 010 0084x	9.5	1.2	1.0	4	interpolated			
	9897 010 00843	9.5	1.2	1.0	4	UUT-2B			
<sup>1)</sup> "x" designation in Philips par configuration.	rt number indicates diffe	rences in c	olor, softv	vare, ect.	for the ide	ntified Skyplate			
	DATFixed	Detecto	ors	7 0					
Fixed Detector Pixium TX4343RCE	4598 009 40141	20.0	19.4	2.0	44	UUT-1A / UUT-2A			
	4598 009 4014x	20.0	19.4	2.0	44	interpolated			
	4598 009 4015x	20.0	19.4	2.0	44	interpolated			
Accessories									
Table Straps Adjustable	9890 010 87361	-	-	-	-	UUT-1A / UUT-1B			
Table Footrest 800	4512 202 03801	-	-	-	-	UUT-1A / UUT-1B			
Pair of Handgrips	9890 010 03641	-	-	-	-	UUT-1A / UUT-1B			
Table Compression Belt	9804 666 22009	-	-	-	-	UUT-1A / UUT-1B			

UUT-1A

# UNIT UNDER TEST (UUT) SUMMARY SHEET



Mounting Details: Rigid floor mounted with 3 - M12 grade 10.9 bolts with washer



UUT-1B

# UNIT UNDER TEST (UUT) SUMMARY SHEET



Mounting Details: Rigid floor mounted with 3 - M12 grade 10.9 bolts with washer



UUT-1C

# UNIT UNDER TEST (UUT) SUMMARY SHEET



Mounting Details: Rigid floor mounted with 3 - M12 grade 10.9 bolts with washer



### UUT-2A

## UNIT UNDER TEST (UUT) SUMMARY SHEET



**Mounting Details:** Floor/wall mount with 2 - M10 grade 8.8 and 1 - M12 grade 8.8 bolt with washers to the floor combined with 2 - M10 grade 10.9 bolts with washers to wall fixture. Additional electrical box mounted to wall fixture with 4 - M6 grade 8.8 bolts with washers.



UUT-2B

## UNIT UNDER TEST (UUT) SUMMARY SHEET



**Mounting Details:** Floor/wall mount with 2 - M10 grade 8.8 and 1 - M12 grade 8.8 bolts with washers to the floor combined with 2 - M10 grade 10.9 bolts with washers to wall fixture. Additional electrical box mounted to wall fixture with 4 - M6 grade 8.8 bolts with washers.



UUT-3

# UNIT UNDER TEST (UUT) SUMMARY SHEET



Mounting Details: Floor mount with 3-9.0" long strips of VELCRO adhesive (Philips 4512-134-85811).



UUT-4

## UNIT UNDER TEST (UUT) SUMMARY SHEET



**Mounting Details:** Wall mount with 4 - size 3 wood screws.

