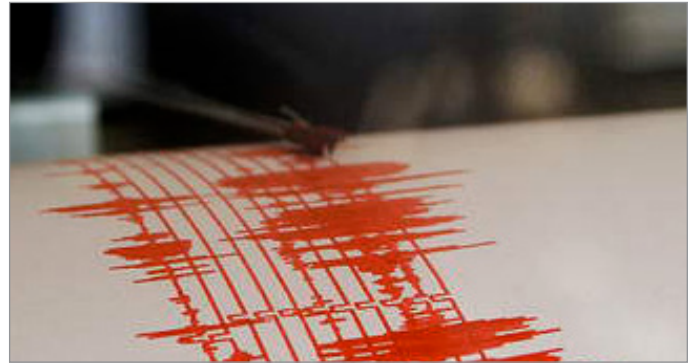


DRISTEEM HUMIDIFICATION

Many buildings require essential equipment to remain online after a seismic event. A wide range of DriSteem products passed shake table tests in compliance with International Building Code section 1708.4, as well as the Office of Statewide Health Planning and Development (OSHPD) CAN 2-1708A.5 for healthcare facilities in California. Based on the shake table tests, selected units are certified up to 2.5g. All 50 states and the District of Columbia have adopted the IBC standard. DriSteem has pre-approved the widest variety of products found on the market today to meet your specific application needs.

DriSteem’s seismic certified products mitigate risk because units are rated to operate during and after a seismic event. In addition, the design and certification process is expedited, resulting in earlier occupancy of the facility. DriCalc® sizing and selection software helps you select from a variety of pre-approved/certified units for your application.

OSHPD OSP Pre-Approved units carry an OSP Label and require no further approval. IBC Certified units meet all OSHPD seismic requirements but require submittal of



the IBC Certification report for OSHPD approval during the project submittal process. See sample certification labels of IBC & OSP labeling below and product specific compliance details in Table 2-1.

DriSteem units that are OSHPD certified require no additional seismic engineering work. See Table 2-1 for a complete list of seismic certified DriSteem products.

Seismic Certification Label allows:

- Cross-reference of the information on the label to the IBC or OSHPD certificate (see www.drirsteem.com)
- Expedited inspection: inspector confirms installation method of unit

FIGURE 1-1: IBC LABELED PRODUCTS MEET SEISMIC REQUIREMENTS - REQUIRE SUBMITTAL TO OSHPD FOR APPROVAL





Seismic Certification Label	
	DRI-STEEM Corporation 1234567
Product Type:	Ultra-Sorb XV (Stainless Steel)
Anchorage:	Duct mounted (rigid)
Applicable Building Code:	IBC 2018
Special Seismic Certification:	180019-CR-001
Certification Parameters:	
$I_p \leq 1.5$	$z/h = 0.0$ $z/h = 1.0$
	$S_d s = 2.5g$ $S_d s = 2.0g$
Unit Serial #: 1234567-01-01	
See Certificate of Compliance for additional restrictions	
Seismic Certification Agency	
TRU Compliance, by Structural Integrity Associates, Inc.	
www.trucompliance.com/certification-database	
	

FIGURE 1-2: OSP LABELED PRODUCTS ARE PRE-APPROVED - NO FURTHER SUBMITTAL, OR APPROVAL REQUIRED

Seismic Certification Label	
	DRI-STEEM Corporation 1234567
Product Type:	Ultra-Sorb XV (Galvanized Steel)
Anchorage:	Duct mounted (rigid)
Applicable Building Code:	CBC 2019
Special Seismic Certification:	OSHPD OSP-0216-10
Certification Parameters:	
$I_p \leq 1.5$	$z/h = 0.0$ $z/h = 1.0$
	$S_d s = 2.5g$ $S_d s = 2.0g$
Unit Serial #: 1234567-02-01	
See Certificate of Compliance for additional restrictions	
Seismic Certification Agency	
TRU Compliance, by Structural Integrity Associates, Inc.	
www.trucompliance.com/certification-database	
	

**Table 2-1:
DriSteem Seismic Certified Equipment**

Steam generators	Material	Size range	Available mounting options	
			Wall mount	Floor mount
STS® humidifier		All models		OSP
Vapormist® humidifier		All models	OSP	
Vaporstream® humidifier		All models		OSP
XTP electrode steam humidifier	Stainless steel	All models	OSP	
Dispersion	Material	Size range	Available mounting options	
			Duct mount	AHU mount
Mini-bank®		6" x 6" thru 24"h x 48"w	OSP	OSP
Ultra-sorb® LH dispersion panels	Galvanized steel	12" x 12" thru 80" x 80"	OSP	
Ultra-sorb® LV dispersion panels	Galvanized steel	12" x 12" thru 80" x 80"	OSP	
Ultra-sorb® XV dispersion panels	Galvanized steel	12" x 12" thru 80" x 80"	OSP	
Ultra-sorb® MP dispersion panels	Galvanized steel	12" x 12" thru 80" x 80"	OSP	
Ultra-sorb® LH dispersion panels	Galvanized steel	12" x 12" thru 120" x 120"		OSP
Ultra-sorb® LV dispersion panels	Galvanized steel	12" x 12" thru 120" x 120"		OSP
Ultra-sorb® XV dispersion panels	Galvanized steel	12" x 12" thru 110"h x 116"w		OSP
Ultra-sorb® MP dispersion panels	Galvanized steel	12" x 12" thru 110"h x 116"w		OSP
Ultra-sorb® LH dispersion panels	Stainless steel	12" x 12" thru 80" x 80"	IBC	
Ultra-sorb® LV dispersion panels	Stainless steel	12" x 12" thru 80" x 80"	IBC	
Ultra-sorb® XV dispersion panels	Stainless steel	12" x 12" thru 80" x 80"	IBC	
Ultra-sorb® MP dispersion panels	Stainless steel	12" x 12" thru 80" x 80"	IBC	
Ultra-sorb® LH dispersion panels	Stainless steel	12" x 12" thru 120" x 120"		IBC
Ultra-sorb® LV dispersion panels	Stainless steel	12" x 12" thru 120" x 120"		IBC
Ultra-sorb® XV dispersion panels	Stainless steel	12" x 12" thru 110"h x 116"w		IBC
Ultra-sorb® MP dispersion panels	Stainless steel	12" x 12" thru 110"h x 116"w		IBC

Note: IBC labeled units are certified to the same levels as OSP labeled units: $S_{DS}=2.0 @ z/h=1$, $S_{DS}=2.5 @ z/h=0$

DRISTEEM SEISMIC CERTIFIED HUMIDIFICATION EQUIPMENT

- Meets IBC seismic standards
- Satisfies the California OSHPD Seismic Certification for Healthcare facilities
- Passed rigorous shake table test – independent seismic engineer verified
- A wide variety of generation and dispersion units

For more information about seismic requirements and approved systems contact your DriSteem representative or visit www.dristeem.com/products/accessories-options/seismic-certification.

DRI-STEEM Corporation

DriSteem U.S. operations are ISO 9001:2015 certified

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Continuous product improvement is a policy of DriSteem Corporation; therefore, product features and specifications are subject to change without notice.

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