



Certificate of Calibration

OSI's RML# 5149-37



CERT # ACT-1764

Manufacturer: SAIC Model: PD-3i-s Customer: Governor's Office of Emergency Services
 Calibration Site: 6397 Nancy Ridge Drive, San Diego, CA 92121
 Department: Headquarters Serial: CalEMA Dosimeters ID#: Case #4
 Batteries: Checked Detector Voltage: NE Report Number: 150317

Environmental Conditions: Temperature: 26.4 C Pressure: 29.92 in Hg Humidity: 31 %

Calibrated with A Cs-137 NIST calibration source, serial number SR-477 and SOP-CAL-09. The measurement uncertainty of the calibration is +/-5%, at the 95% confidence level. The standard measurement tolerance is +/- 10% relative to the reference standard. Tolerances of +/- 20% are acceptable if appropriate correction factors or charts are provided as specified in the comments section of the calibration certificate. OSI performs radiation detection instrument calibrations in accordance with ISO 17025-2005, ANSI/NCIS Z540-1-1994 and ANSI N323A-1997.

Calibration Frequency: ☒ Annually ☐ Semi Annually ☐ Quarterly

SERIAL NUMBER	REFERENCE VALUE	AS FOUND VALUES	ACCEPTED or ADJUSTED VALUE	DIFFERENCE	% ERROR
	mR	mR	mR	mR	
CH15137	150	150	150	0	0
	50	50	50	0	0
CH15139	150	150	150	0	0
	50	50	50	0	0
CH15140	150	152	152	2	1.33
	50	52	52	2	4
CH15143	150	150	150	0	0
	50	49	49	-1	-2
CH15145	150	150	150	0	0
	50	50	50	0	0
CH15149	150	150	150	0	0
	50	50	50	0	0

Notes: The High Voltage for this unit was "Not Evaluated" (NE) because it is not an accessible test parameter. If the High Voltage were to be not within acceptable parameters, then tested ranges would be out of tolerance.

Detector 1 Type: Electronic Dosimeter		Detector 2 Type: N/A	
Background Reading:	Check Source Reading: N/A	Background Reading:	Check Source Reading:
Detector Efficiency:		Detector Efficiency:	
- = %		- = %	
dpm		dpm	

Condition Received: ☒ In Tolerance ☐ Out of Tolerance

Condition Left: ☒ In Tolerance ☐ Out of Tolerance

Detector Exposure Orientation: ☐ N/A ☐ Parallel ☒ Perpendicular

Calibrated By: OSI

Tim Gray

Date of Calibration: 3/17/2015

Next Due Date: 3/17/2016

Q.A. Review: Chris Walker

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Occupational Services, Inc. - 6397 Nancy Ridge Drive - San Diego, CA 92121

Tel 858-558-6736 - fax 858-558-6756 - www.occserv.com



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Calibration Frequency: ☒ Annually ☐ Semi Annually ☐ Quarterly

SERIAL NUMBER	REFERENCE VALUE	AS FOUND VALUES	ACCEPTED or ADJUSTED VALUE	DIFFERENCE	% ERROR
	mR	mR	mR	mR	
CH15156	150	151	151	1	0.67
	50	50	50	0	0
CH15161	150	150	150	0	0
	50	50	50	0	0
CH15162	150	151	151	1	0.67
	50	51	51	1	2
CH15165	150	151	151	1	0.67
	50	51	51	1	2
CH15166	150	150	150	0	0
	50	50	50	0	0
CH15141	150	148	148	-2	-1.3
	50	49	49	-1	-2

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Detector 1 Type: Electronic Dosimeter Background Reading: _____ Check Source Reading: N/A Detector Efficiency: _____ _____ dpm = _____ %		Detector 2 Type: N/A Background Reading: _____ Check Source Reading: _____ Detector Efficiency: _____ _____ dpm = _____ %	
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Condition Received: ☒ In Tolerance ☐ Out of Tolerance

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