smiths

Smiths Detection

Field Radiation Survey Sheet

SECTION	PART I - GENERAL PROCEDURE INFORMATION				work order 2617733
A "PRE-TEST INFORMATION"	NAME AND ADDRESS OF FACILITY OR AIRPORT AND SPECIFIC LOCATION OF X-RAY SYSTEM				
	NAME OF FACILITY	San Francisco International Airport			
		Is this Facility Operated Exclusively by the Federal Government?			☐ YES ☐ NO
	ADDRESS (Street No., Rural Rt., or Airline and Airport)	SFO			
	CITY	San Francisco	STATE	CA	ZIP CODE 94128
	ROOM NO. or OTHER LOCATION	Term 3 CP 74/75 LN1	CONTACT PERSON	[redacted]	
	PHONE NO.	[redacted]	FAX NO.		
	MANUFACTURER	Smiths Heimann	MODEL NO.	6040 iaTiX	
	DATE OF MFR.	10/08	SERIAL NO.	79333	
	MFR. CERTIFICATION LABEL ATTACHED	☒ YES ☐ NO			
B "CABINET X-RAY CLASSIFICATION"	CLASSIFICATION OF CABINET X-RAY SYSTEM				
	☒ Baggage Inspection	☐ Special Purpose	☐ General Purpose	☐ Other	
				Describe Other	
C "POSTINGS & INSTRUCTIONS"	POSTING & INSTRUCTION VERIFICATION (Not Applicable for Facilities Operated Exclusively by the Federal Government)				
	☐ State "Notice to Employees" Document Posted	☒ Operators Instruction Manual on Location		☐ N/A	
	☒ Certificate of X-ray Machine Registration on Location	☐ Cabinet X-Ray Machine Maintenance Schedule Available			
D "WARNING LIGHTS & INDICATORS"	WARNING LIGHTS & INDICATOR VERIFICATION				
	Warning Label Present at Controls Stating: "Caution: X-Rays Produced When Energized"			☒ YES ☐ NO	
	Warning Labels Present at Ports Stating "Caution: Do Not Insert Any Part of the Body When System is Energized, X-Ray Hazard"			☒ YES ☐ NO	
	Two Indicators Labeled "X-Ray ON" Present at Controls			☒ YES ☐ NO	
	At Least One Indicator, Marked "X-Ray ON", is Visible from Each Port, Door, and Access Panel			☒ YES ☐ NO	
E "INTERLOCKS"	INTERLOCK VERIFICATION TEST				
	The Key for the Key Actuated Control Cannot be removed in Any Mode that Allows X-Ray Generation			☒ YES ☐ NO	
	All Doors and Access Panels that were Tested Prevent Generation of X-Rays			☒ YES ☐ NO	
	The Use of the ON Control is Necessary to Resume Operation of X-Rays Following Interruption of X-Ray Generation			☒ YES ☐ NO	
F "PORTS AND APERTURES"	ACCESS TO PORTS AND APERTURES				
	Some Part of the Body Can Be Inserted Through A "Port" Into the Primary Beam			☐ YES ☒ NO	
	Some Part of the Body Can Be Inserted Through An "Aperture"			☐ YES ☒ NO ☐ N/A	
G "BAGGAGE INSPECTION UNITS"	BAGGAGE INSPECTION UNIT CHECKS ONLY				
	Means Provided to Ensure Operator Presence at the Control Area which Permits Surveillance of All Ports and Doors During X-Ray Generation			☒ YES ☐ NO	
	Means Provided to the Operator for Terminating Exposures of Greater Than One-Half Second and Preventing Additional Exposures of Less Than One-Half Second			☒ YES ☐ NO	

ENTERED OCT 07 2009

Sgpt 58393
non sched 2617733

Form # 002.SerFRSSHF
Revision Date 03/11/2008

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Field Radiation Survey Sheet

SECTION	PART II - SPECIFIC PROCEDURE INFORMATION
H "LEAKAGE RADIATION"	LEAKAGE RADIATION - SPECIFIC TEST PROCEDURE # 01

Scattering Body Description: 8 reams

☐ Lucite ☒ Paper ☐ Other

Describe Other:

X-Ray Machine Settings: kV / mA

Background: .003 uR/hr

Radiation Survey Instrument Used

Make/Model Number: Inovision 451P

Serial Number: 573

Calibration Date Due: 10/24/10

Survey Location Description	Survey Point	External Surface Exposure Rates (uR/hr)		Internal Exposure (mR) "Optional"		Comments
	1	.019	uR/hr		mR	19 uR/hr
	2	.013	uR/hr		mR	13
	3	.013	uR/hr		mR	13
	4	.038	uR/hr		mR	38
	5	.039	uR/hr		mR	39
	6	.049	uR/hr		mR	49
	7	.004	uR/hr		mR	4
	8	.006	uR/hr		mR	6
	9	.006	uR/hr		mR	6
	10	.005	uR/hr		mR	5
	11	.006	uR/hr		mR	6
	12	.008	uR/hr		mR	8
	13	.005	uR/hr		mR	5

Highest External Surface Exposure Rate Reading: .049 uR/hr

Location Description: exit center

All External Surface Exposure Rate Readings Are Less Than 500 uR/hr (0.5 mR/hr) IAW 21 CFR 1020.40 ☒ YES ☐ NO

I "ADDITIONAL INFORMATION"	ADDITIONAL INFORMATION

Overall Condition of Cabinet X-Ray Unit	☒ SAT	☐ UNSAT *	* Describe UNSAT Condition
Condition of Lead Curtains	☒ SAT	☐ UNSAT *	* Describe UNSAT Condition

Other Comments, Recommendations, Corrections, or Problems Encountered

Gen A 75.54kV / 462.38mA

Gen B 84.23kV / 503.58mA

Gen C 77.83kV / 480.11mA

Gen D 77.83kV / 471.53mA

SURVEYOR'S NAME (Print: Last, First, Middle Int.: [redacted]

SURVEYOR'S SIGNATURE: [redacted]

DATE OF SURVEY AND INSPECTION: 9/10/09

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