smiths

Smiths Detection

Field Radiation Survey Sheet

SECTION	PART I - GENERAL PROCEDURE INFORMATION				
A "PRE-TEST INFORMATION"	NAME AND ADDRESS OF FACILITY OR AIRPORT AND SPECIFIC LOCATION OF X-RAY SYSTEM				
	NAME OF FACILITY	SFO			
		Is this Facility Operated Exclusively by the Federal Government?		☐ YES	☑ NO
	ADDRESS (Street No., Rural Rt., or Airline and Airport)				
	CITY	San Francisco	STATE	CA	ZIP CODE 94128
	ROOM NO. or OTHER LOCATION	[redacted]	CONTACT PERSON	[redacted]	
	PHONE NO.	[redacted]	FAX NO.		
	MANUFACTURER	Smiths Heimann	MODEL NO.	Atix 6040	
	DATE OF MFR.	10-2008	SERIAL NO.	79251	
	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

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Field Radiation Survey Sheet

Serial 79251

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

Scattering Body Description: 8 Reams of Paper

☐ Lucite ☑ Paper ☐ Other

Describe Other:

X-Ray Machine Settings	kV	
	mA	

Background: 11 uR/hr

Radiation Survey Instrument Used	Make/Model Number	Innovision 451P
	Serial Number	573
	Calibration Date Due	10/5/10

Survey Location Description	Survey Point	External Surface Exposure Rates (uR/hr)		Internal Exposure (mR) "Optional"		Comments
	1	5	uR/hr		mR	5
	2	7	uR/hr		mR	7
	3	5	uR/hr		mR	5
	4	22	uR/hr		mR	22
	5	6	uR/hr		mR	6
	6	5	uR/hr		mR	5
	7	4	uR/hr		mR	4
	8	3	uR/hr		mR	3
	9	5	uR/hr		mR	5
	10	3	uR/hr		mR	3
	11	5	uR/hr		mR	5
	12	3	uR/hr		mR	3
	13	6	uR/hr		mR	6

Highest External Surface Exposure Rate Reading: 22 uR/hr — Location Description: Exit Curtain

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

KV + ma for all 4 generators .86mR

	A	B	C	D
Pos	82.86	81.49	78.74	80.4
Neg	-80.57	-80.4	-76.45	79.20
Heater	503.58mA	494.42mA	462.38mA	476.11 mA
Anode	709.59 mA	709.59 mA	672.97 mA	695.86 mA

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

SURVEYOR'S SIGNATURE [redacted]

DATE OF SURVEY AND INSPECTION 12/20/08

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