smiths

Smiths Detection

Field Radiation Survey Sheet

workorder 2617861

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	San Francisco Int'l Airport			
	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	Int'l G Lane-b	CONTACT PERSON	[redacted]	
	PHONE NO.	[redacted]	FAX NO.		
	MANUFACTURER	Smith Detection	MODEL NO.	6040ATIX	
	DATE OF MFR.		SERIAL NO.	79337	
	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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Form # 002.SerFRSSHF
Revision Date 03/11/2008

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

Scattering Body Description: ☐ Lucite ☒ Paper ☐ Other

Describe Other:

X-Ray Machine Settings	kV	48/60	Background
	mA	.700	
Radiation Survey Instrument Used	Make/Model Number	INOVISION 451B	2 uR/hr
	Serial Number	573	
	Calibration Date Due	10/10	

Survey Location Description	Survey Point	External Surface Exposure Rates (uR/hr)		Internal Exposure (mR) "Optional"		Comments
	1	5	uR/hr		mR	
	2	3	uR/hr		mR	
	3	3	uR/hr		mR	
	4	43	uR/hr		mR	
	5	8	uR/hr		mR	
	6	5	uR/hr		mR	
	7	6	uR/hr		mR	
	8	5	uR/hr		mR	
	9	5	uR/hr		mR	
	10	2	uR/hr		mR	
	11	3	uR/hr		mR	
	12	2	uR/hr		mR	
	13	3	uR/hr		mR	

Highest External Surface Exposure Rate Reading	43	uR/hr	Location Description	EXIT (4)
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

SURVEYOR'S NAME (Print: Last, First, Middle Int.	[redacted]
SURVEYOR'S SIGNATURE	[redacted]
DATE OF SURVEY AND INSPECTION	10/27/09