Smiths Detection

Field Radiation Survey Sheet

SECTION	PART I – GENERAL PROCEDURE INFORMATION				
A "PRE-TEST INFORMATION"					7/21/10 WO# 3240864
	NAME OF FACILITY	San Francisco International Airport 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	IT-CP-G	CONTACT PERSON	[redacted]	
	PHONE NO.	[redacted]	FAX NO.		
	MANUFACTURER	Smiths	MODEL NO.	6040 ATIX	
	DATE OF MFR.		SERIAL NO.	79327	
	MFR. CERTIFICATION LABEL ATTACHED	☐ YES ☐ NO			
B "CABINET X-RAY CLASSIFICATION"	☑ Baggage Inspection	☐ Special Purpose	☐ General Purpose	☐ Other	
				Describe Other:	
C "POSTINGS & INSTRUCTIONS"	☐ 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 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"	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"	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"	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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SECTION H "LEAKAGE RADIATION"

PART II - SPECIFIC PROCEDURE INFORMATION

7/21/10 WO# 3240864

Scattering Body Description: 8 rooms

☐ Lucite ☑ Paper ☐ Other

Describe Other:

X-Ray Machine Settings	kV	160	Background
	mA	.700	
Radiation Survey Instrument Used	Make/Model Number	Inovision 451P	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	15	uR/hr		mR	
	2	8	uR/hr		mR	
	3	6	uR/hr		mR	
	4	60	uR/hr		mR	
	5	8	uR/hr		mR	
	6	8	uR/hr		mR	
	7	5	uR/hr		mR	
	8	5	uR/hr		mR	
	9	7	uR/hr		mR	
	10	4	uR/hr		mR	
	11	2	uR/hr		mR	
	12	2	uR/hr		mR	
	13	3	uR/hr		mR	

Highest External Surface Exposure Rate Reading: 60 uR/hr — Location Description: Exit

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"

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

A	B	C	D
78.5	81.2	79.8	81.6
79.4	80.5	81.2	82.3
723mA	689mA	683mA	723mA

7.8

SURVEYOR'S NAME (Print: Last, First, Middle Int.	[redacted]
SURVEYOR'S SIGNATURE	
DATE OF SURVEY AND INSPECTION	7/21/10

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