DSWO# 2470427

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	TF Green Airport			
		Is this Facility Operated Exclusively by the Federal Government?		☑ YES	☐ NO
	ADDRESS (Street No., Rural Rt., or Airline and Airport)	4 POST ROAD MAIN Checkpoint L3			
	CITY	Providence	STATE RI	ZIP CODE	02886
	ROOM NO. or OTHER LOCATION	MAIN TERMINAL L3	CONTACT PERSON	[redacted]	
	PHONE NO.	[redacted]	FAX NO.		
	MANUFACTURER	Smiths Detection	MODEL NO.	6040 ATX	
	DATE OF MFR.	OCT 2008	SERIAL NO.	79523	
	MFR. CERTIFICATION LABEL ATTACHED	☑ YES ☐ NO	[redacted]		
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 JUN 1 6 2009

BRKD

Non-Sched 58459

MWO 2470427

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

smiths

Smiths Detection

DSWO# 2470427

Field Radiation Survey Sheet

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

Scattering Body Description: PAPER SCATTER BLOCK ☐ Lucite ☑ Paper ☐ Other

Describe Other:

X-Ray Machine Settings	kV	72-72	Background
[redacted]	mA	.686	9 uR/hr
Radiation Survey Instrument Used	Make/Model Number	INOVIS.DW 451 P	
[redacted]	Serial Number	441	
	Calibration Date Due	8-04-09	

Survey Location Description	Survey Point	External Surface Exposure Rates (uR/hr)		Internal Exposure (mR) "Optional"		Comments
	1	17	uR/hr		mR	
	2	9	uR/hr		mR	
	3	10	uR/hr		mR	
	4	11	uR/hr		mR	
	5	11	uR/hr		mR	
	6	17	uR/hr		mR	
	7	4	uR/hr		mR	
	8	12	uR/hr		mR	
	9	8	uR/hr		mR	
	10	9	uR/hr		mR	
	11	14	uR/hr		mR	
	12	11	uR/hr		mR	
	13	10	uR/hr		mR	

Highest External Surface Exposure Rate Reading: 17 uR/hr Location Description:

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: NEW	☐ SAT	☐ UNSAT *	* Describe UNSAT Condition	
	Condition of Lead Curtains: NEW	☐ SAT	☐ UNSAT *	* Describe UNSAT Condition	

Other Comments, Recommendations, Corrections, or Problems Encountered

GEN A: 84.6 - 83.7 Avrk .737 mA

GEN B: 79.2 - 78.2 Avrk .686 mA

GEN C: 81.0 - 79.2 Avrk .695 mA

GEN D: 77.3 - 75.5 Avrk .663 mA

Average Interval Dose: .77 mRem/hour

SURVEYOR'S NAME (Print: Last, First, Middle Int.	[redacted]
SURVEYOR'S SIGNATURE	[redacted]
DATE OF SURVEY AND INSPECTION	7-12-09

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