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Field Radiation Survey Sheet W/O 2286851

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	WASHINGTON DULLES INTL AIRPORT (IAD)			
	Is this Facility Operated Exclusively by the Federal Government?	☒ YES ☐ NO			
	ADDRESS (Street No., Rural Rt., or Airline and Airport)	TSA SUPPLY OFFICE 1 SAARINEN CIRCLE G-253			
	CITY	DULLES	STATE	VA	ZIP CODE 20166
	ROOM NO. or OTHER LOCATION	CHK AT LANE 21	CONTACT PERSON	[redacted]	
	PHONE NO.	[redacted]	FAX NO.		
	MANUFACTURER	SMITHS DET	MODEL NO.	6040 ATR	
	DATE OF MFR.	MAR 08	SERIAL NO.	77083	
	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

May 57396
(PM) 2246851

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: ☐ Lucite ☒ Paper ☐ Other

Describe Other:

X-Ray Machine Settings: GEN A — kV: 156.2 — mA: 687

Background: 3 uR/hr

Radiation Survey Instrument Used: Make/Model Number: INDIVISION 451P — Serial Number: 000 000 0590 — Calibration Date Due: 10/10/09

Survey Location Description	Survey Point	External Surface Exposure Rates (uR/hr)		Internal Exposure (mR) "Optional"		Comments
	1	21	uR/hr		mR	
	2	17	uR/hr		mR	
	3	15	uR/hr		mR	
	4	20	uR/hr		mR	
	5	18	uR/hr		mR	
	6	19	uR/hr		mR	
	7	2	uR/hr		mR	
	8	3	uR/hr		mR	
	9	2	uR/hr		mR	
	10	2	uR/hr		mR	
	11	4	uR/hr		mR	
	12	4	uR/hr		mR	
	13	3	uR/hr		mR	

Highest External Surface Exposure Rate Reading: 20 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

GENERATOR B: 149.8 KV .654 A
C: 162.2 KV .705 A
D: 149.2 KV .650 A

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

SURVEYOR'S SIGNATURE: [redacted]

DATE OF SURVEY AND INSPECTION: 5/22/09

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