

MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Boulevard • Baltimore Maryland 21230
(410) 537-3193 • 1-800-633-6101 • www.mde.maryland.gov

MDE RX 7A

FILM PROCESSING DATA

Inspection Date _____

Facility Registration Number _____ Facility Name _____

MDE Machine Number _____ Manufacturer _____

Model _____

Frequency of Maintenance (mos.) _____ Company Name _____

Screen brand and type(s) _____ Blue _____ Green _____

Date Screens Mounted _____ Date Screens Last Cleaned _____

Type of Film _____ Manufacturer _____

Developer Manufacturer _____ Type _____

Mfg./Type Safe Fltr. _____ Watts _____ Frost _____ Clear _____

Dist to Film _____ Inches

Regulation		<u>Pass (P), Fail (F), Not</u>
<u>Number</u>	<u>Requirements</u>	<u>Applicable (N/A)</u>

F.3(b)(1)(i)	The STEP TEST: Measured development speed _____% (P if $\geq 80\%$)	<input type="checkbox"/> P <input type="checkbox"/> F <input type="checkbox"/> N/A
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F.3(b)(1)(ii)	The FILM FOG TEST: (use unexposed facility film, P if ≤ 0.30) <i>Base plus fog = _____ OD</i>	<input type="checkbox"/> P <input type="checkbox"/> F <input type="checkbox"/> N/A
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F.3(b)(5)	The DARKROOM FOG TEST: (use facility film, P if difference ≤ 0.05 density units) <i>Fog increase:</i> _____ <i>density units</i>	<input type="checkbox"/> P <input type="checkbox"/> F <input type="checkbox"/> N/A
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F.3(c)(2) Record film transit time and developer temperature.

	Time (dev.)	Time (total)	Temperature
Recommended	_____ sec	_____ sec	_____ °F
Measured	_____ sec	_____ sec	_____ °F
Error	_____ sec	_____ sec	_____ °F

F.3(c)	For radiographic or fluoroscopic facilities, ensure all requirements for quality assurance are established and followed	<input type="checkbox"/> P <input type="checkbox"/> F <input type="checkbox"/> N/A
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F.3(b)(3)	Records shall be kept of chemistry changes, adequacy of replenishment, cleaning, maintenance, and other services.	<input type="checkbox"/> P <input type="checkbox"/> F <input type="checkbox"/> N/A
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	<u>Information Item</u>	
	Facility has a QA program that includes use of a sensitometer, a step wedge, or a properly designed phantom.	Yes <input type="checkbox"/> No <input type="checkbox"/>
	If the above question is answered yes, how often is the image comparison made?	_____
F.3(b)(2)	<u>Manual Processing of Film</u>	
	Last chemistry change date	_____
	Change frequency _____ days	
F.3(b)(2)(i)	Temperature in three section tank is maintained between the limits of 60 deg-80 deg F.	<input type="checkbox"/> P <input type="checkbox"/> F <input type="checkbox"/> N/A
F.3(b)(2)(ii)(a)	A thermometer is available which has an accuracy of ± 2 deg F or ± 1 deg C.	<input type="checkbox"/> P <input type="checkbox"/> F <input type="checkbox"/> N/A
F.3(b)(2)(ii)(b)	Timer available which has an accuracy of ± 10 percent.	<input type="checkbox"/> P <input type="checkbox"/> F <input type="checkbox"/> N/A
F.3(b)(2)(iii)	Appropriate time-temperate chart posted near developing tank.	<input type="checkbox"/> P <input type="checkbox"/> F <input type="checkbox"/> N/A
F.3(b)(3)	<u>Chemical-Film Processing Control</u>	
	Replenishment solution is added in accordance with the manufacturer's specifications (complete replacement ≤ every 3 mo.)	<input type="checkbox"/> P <input type="checkbox"/> F <input type="checkbox"/> N/A
F.3(b)(6)	<u>Soft Copy Image Production</u>	
F.3(b)(6)(i)	Monitors meet manufacturer's recommended specifications for diagnostic interpretation for image quality parameters.	<input type="checkbox"/> P <input type="checkbox"/> F <input type="checkbox"/> N/A
F.3(b)(6)(ii)	Lasers meet manufacturer's recommended specifications for image quality parameters.	<input type="checkbox"/> P <input type="checkbox"/> F <input type="checkbox"/> N/A
F.3(b)(6)(iii)	Replacement devices for electronic image retrieval or duplication instrumentation meet manufacturers' specifications.	<input type="checkbox"/> P <input type="checkbox"/> F <input type="checkbox"/> N/A

