

PeneCert Test Matrix

Part Number		Test Description	5.1 Penetrant Clarity and Color 5.2 Penetrant Contamination 5.3 Penetrant Viscosity 5.4 Penetrant Fluorescent Brightness 5.5 Water Washable Penetrant Water Content 5.6 Water Washable Penetrant Removability 6.1 Emulsifier Penetrant Sensitivity 6.2 Emulsifier Clarity and Color 6.3 Emulsifier Contamination 7.1 Developer Water Content 7.2 Developer Appearance 7.3 Developer Contamination 7.4. Aqueous Developer Fluidness (Form a) 7.5 Aqueous Developer Concentration, Water-Soluble (Form b) 7.6 Aqueous Developer Concentration, Water-Suspensible (Form c) 7.7 Aqueous Developer Clarity and Color 8.1. Post-Emulsifiable System Wetting Ability 8.2. Post-Emulsifiable System Removability 8.2. Post-Emulsifiable System Sensitivity																		
			ASTM 1417 Paragraph #	7.8.2.1	7.8.2.1	*	7.8.2.2	7.8.2.3/4	7.8.3.2	7.8.3.4	7.8.2	7.8.2	7.8.2.5/6	7.8.2.7	7.8.2.7/8	7.8.2.7	7.8.2.9	7.8.2.9	7.8.2.8	7.8.2.8	7.8.3.3
System Tests	751401	Water Washable System (Penetrant + Developer)	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓		
	751402	Post-Emulsifiable System (Penetrant + Emulsifier/Remover + Developer)	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Individual Product Tests	751403	Water Washable Penetrant	✓	✓	✓	✓	✓	✓	✓												
	751404	Post-Emulsifiable Penetrant	✓	✓	✓	✓															
	751405	Emulsifier/Remover								✓	✓	✓									
	751406	Dry Developer											✓	✓	✓						
	751407	Aqueous Developer											✓	✓		✓	✓	✓	✓		
A la Carte Tests	751408	Post-Emulsifiable System Removability + Sensitivity																		✓	✓
	751409	Penetrant Fluorescent Brightness				✓															
	751410	Water Washable Removability + Sensitivity						✓	✓												
	751411	Water Washable Penetrant Water Content					✓														
	751412	Emulsifier/Remover Water Content										✓									
	751413	Viscosity			✓																
	751415	Removability OR Sensitivity (Pick one)						✓	✓											✓	✓