



# MAGNAFLUX®

## Aerosol Process Guide

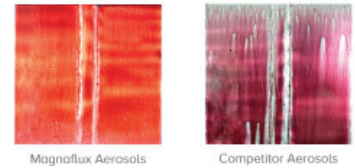


		Product	Description	Type	Part #
Liquid Penetrant Inspection	Visible	SKC-S	Non-halogenated Solvent Cleaner	I & II*	M01-5750-78
		SKL-WP2	Water Washable Visible Dye Penetrant	II	M01-5190-78
		SKL-SP2	Post-Emulsifiable Visible Dye Penetrant	II	M01-5155-78
	Fluorescent	SKD-S2	Solvent Based Developer	I & II*	M01-5352-78
		ZL-60D	Water Washable Penetrant, Level 2	I	M01-3272-78
		ZL-27A	Post-Emulsifiable Penetrant, Level 3	I	M01-3187-78
		ZL-37	Post-Emulsifiable Penetrant, Level 4	I	M01-3188-78
Magnetic Particle Inspection	ZP-9F	Solvent Based Developer	I & II*	M01-3354-78	
	7HF	Oil-Based Visible Magnetic Particle Suspension	-	M01-1580-78	
	WCP-2	Solvent Based White Contrast Paint	-	M01-2250-78	
	14A Aqua-Glo	Water Based Fluorescent Magnetic Particle Suspension	-	M01-1725-38	
	14AM	Oil Based Fluorescent Magnetic Particle Suspension	-	M01-0145-78	

Up to 2x coverage compared to competitors\*



Reduce risk of missing indications



Magnaflux Aerosols

Competitor Aerosols

### Visible or Fluorescent Liquid Penetrant Testing

- Clean part**  
Use an NDT approved cleaner like SKC-S
- Apply penetrant**  
Dwell for 10-30 minutes  
Visible: SKL-SP2 (Visible Penetrant)  
Fluorescent: ZL-27A (Fluorescent Level 3 Penetrant), ZL-37 (Fluorescent Level 4 Penetrant)
- Remove excess penetrant**  
Apply cleaner on cloth and then wipe the part  
SKC-S (Non-halogenated Solvent Cleaner)
- Apply developer**  
Dwell for 10-60 minutes  
SKD-S2 (Developer), ZP-9F (Developer)
- Inspect**  
Use a UV lamp for fluorescent inspections  
Visible: SKL-SP2, SKD-S2  
Fluorescent: ZL-27A, ZL-37, ZP-9F

### Visible Magnetic Particle Testing

- Clean part**  
Use an NDT approved cleaner like SKC-S
- Apply contrast paint**  
Create a bright, matte surface with WCP-2
- Position and magnetize yoke**  
Position yoke over test area and apply current
- Apply magnetic particles**  
Switch off current after applying particles  
7HF (Oil Based Visible Magnetic Particle)
- Inspect**  
Look for discontinuities perpendicular to yoke

### Fluorescent Magnetic Particle Testing

- Clean part**  
Use an NDT approved cleaner like SKC-S
- Position and magnetize yoke**  
Position yoke over test area and apply current
- Apply magnetic particles**  
Switch off current after applying particles  
14A AQUA-GLO (Water Based Fluorescent Magnetic Particle), 14AM (Oil Based Fluorescent Magnetic Particle)
- Inspect**  
Look for discontinuities perpendicular to yoke

