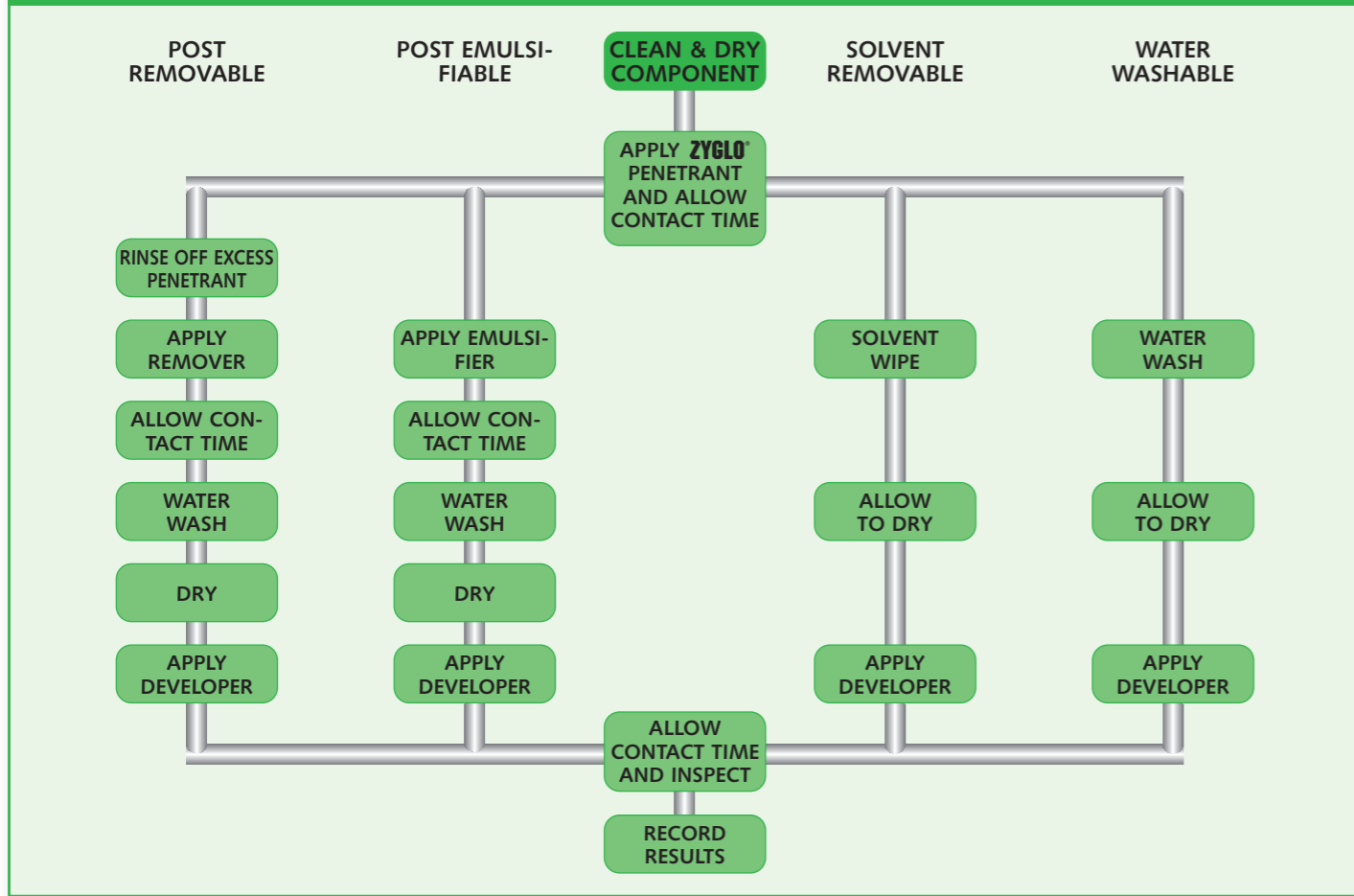


## ZYGLO® GENERAL PROCESSING METHODS



## ZYGLO® PENETRANT PROCESS EQUIPMENT



High performance integrated processing/inspection systems for fast, reliable manual penetrant testing.

The modular ZA penetrant systems offer full flexibility, allowing compliance with all NDT specifications and requirements.



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# ZYGLO®

## FLUORESCENT PENETRANTS



# MAGNAFLUX®

## THE PRODUCT

ZYGLO is a full range of quality approved penetrants, emulsifiers, removers and developers from the World Leaders in NDT.

- Available in aerosol or liquid form
- Water washable and post emulsifiable

## BENEFITS

- The industry standard
- Universal approvals
- Bright and sensitive
- Consistent high performance
- Five sensitivity levels
- Resistant to over washing
- Colour coded for correct sequence

### ZYGLO® WATER WASHABLE PENETRANTS

PENETRANT	LEVEL	DESCRIPTION	FLASH POINT	VISCOSITY	SG	AMS2644	PWA	RR
ZL15B	1/2	General use Excellent wash response	>93°C	5.2cS	0.86	Y	N	
ZL19	1	General use Excellent wash response	>93°C	5.6cS	0.86	Y	Y	N
ZL60C	2	Intermediate sensitivity Aircraft fabrications etc.	>93°C	7.0cS	0.88	Y	N	Y
ZL60D	2	Intermediate sensitivity Improved removability	>93°C	7.6cS	0.92	Y	Y	Y
ZL67	3	High sensitivity Bright for critical use	>100°C	23cS	0.99	Y	Y	N
ZL56	4	Ultra high sensitivity Most demanding applications	>93°C	16.8cS	1	Y	Y	Y

### ZYGLO® DEVELOPERS

DEVELOPER	FLASH POINT	DESCRIPTION	CONCENTRATION	TALC	ASBESTOS	AMS2644	PWA	RR
ZP4B	non flamm	Fluffy white powder Excellent with powderstorm	as supplied	N	N	Y	Y	Y
ZP5B	non flamm	White powder concentrate Mix with water	60g/l	N	N	Y	N	N
ZP9F	-16°C	White developer in solvent Apply by spray only	as supplied	N	N	Y	Y	Y
ZPI4A	non flamm	Free flowing powder Biodegradeable	150g/l	N	N	Y	N	N

## APPROVALS

Aerospatiale, Airbus, Air France, Allison, BAe, Boeing, McDonnell Douglas, Messier Dowty, Garrett, GE, General Dynamics, MTU, Pratt & Whitney, Rolls Royce, SNECMA, USAF. Please contact Magnaflux for latest listing.

### ZYGLO® POST REMOVABLE PENETRANTS

PENETRANT	LEVEL	DESCRIPTION	FLASH POINT	VISCOSITY	SG	AMS2644	PWA	RR
ZL2C	2	Normal sensitivity High performance	>93°C	6cS	0.9	Y	Y	Y
ZL27A	3	High sensitivity Wide range of applications	>93°C	9cS	0.92	Y	Y	Y
ZL37	4	Ultra sensitive High performance	>93°C	14cS	0.96	Y	Y	Y

### ZYGLO® EMULSIFIERS AND REMOVERS

PRODUCT	CONCENTRATION	DESCRIPTION	FLASH POINT	VISCOSITY	SG	AMS2644	PWA	RR
SKC-S	-	Petroleum distillate based volatile solvent	>7°C	1	0.72	-	-	-
ZE4B	-	Slow acting emulsifier Use immersion and drain	>100°C	25cS	0.95	Y	N	N
ZRI0C	5-20% dipping 0.5% spraying	Remover - NP free For dilution with water	>100°C	42cS	1.04	Y	Y	Y

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## APPLICATIONS

### AUTOMOTIVE COMPONENTS MANUFACTURERS

Brakes • Steering Components • Connecting Rods • Wheels • Engine Mounts • Pistons • Cylinder Blocks

### AEROSPACE INDUSTRY

Engine Components • Landing Gear • Wheels • Wing Spars • Brakes • Springs

### FOUNDRIES

Raw Castings

### MILITARY

Critical Components

### TEST LABS

NDT Inspections

