

Ardrox®

Magnetic Testing and Penetrant Testing for Oil and Gas, Energy, and General Industries



Chemetall offers a comprehensive portfolio of Ardrox products for magnetic and penetrant Non-Destructive Testing (NDT) on materials used in Oil and Gas, Energy, and General Industries.

Our full portfolio of penetrants, cleaners, and developers are for use on metallic and non-metallic surfaces requiring visible and/or UV inspections. Our products conform to the challenging requirements of numerous international manufacturing quality standards.

Along with our local technical support and service, these products provide

- ⊕ Low background fluorescence
- ⊕ Crisp indications
- ⊕ Ease of application
- ⊕ High sensitivity level

BASF
We create chemistry

Chemetall
expect more ⊕

Magnetic Testing Products

Ardrox products for Non-Destructive Testing (NDT) of ferromagnetic materials used in the Oil and Gas, Energy, and General Industries.

	Appearance	Application	Conformances
WHITE LIGHT			
Ardrox 800/3 High sensitivity detection for defects in ferromagnetic surfaces with or without the use of white contrast paint.	Fluid	Ready-for-use (Petroleum-based)	ISO 9934 Part 2, AMS 3043, ASME
Ardrox 8901W White contrast paint that provides an excellent distinguishing white background for dark steel; used with Ardrox 800/3.	Fluid	Ready-for-use (Petroleum-based)	ISO 9934 Part 2, ASME
Ardrox 8903W White contrast paint that provides an excellent distinguishing white background for dark steel; used with Ardrox 800/3.	Fluid	Ready-for-use (Petroleum-based)	ISO 9934 Part 2, ASME
UV-A/FLUORESCENT LIGHT			
Ardrox 8505 Fluorescent brown powder that offers high sensitivity detection of surface and near surface defects in ferromagnetic material.	Fluorescent brown powder	Disperse in Ardrox Base Oil HF	AMS 3044, ISO 9934 Part 2
Ardrox 8506 High sensitivity fluorescent magnetic particles for the detection of surface and near surface defects in ferromagnetic material.	Fluorescent brown powder	Ready-for-use liquid Aerosol	AMS 3045 & 3046, ISO 9934 Part 2

Full list of approvals available on request. Not all products are available in every region.



Penetrant Testing Products

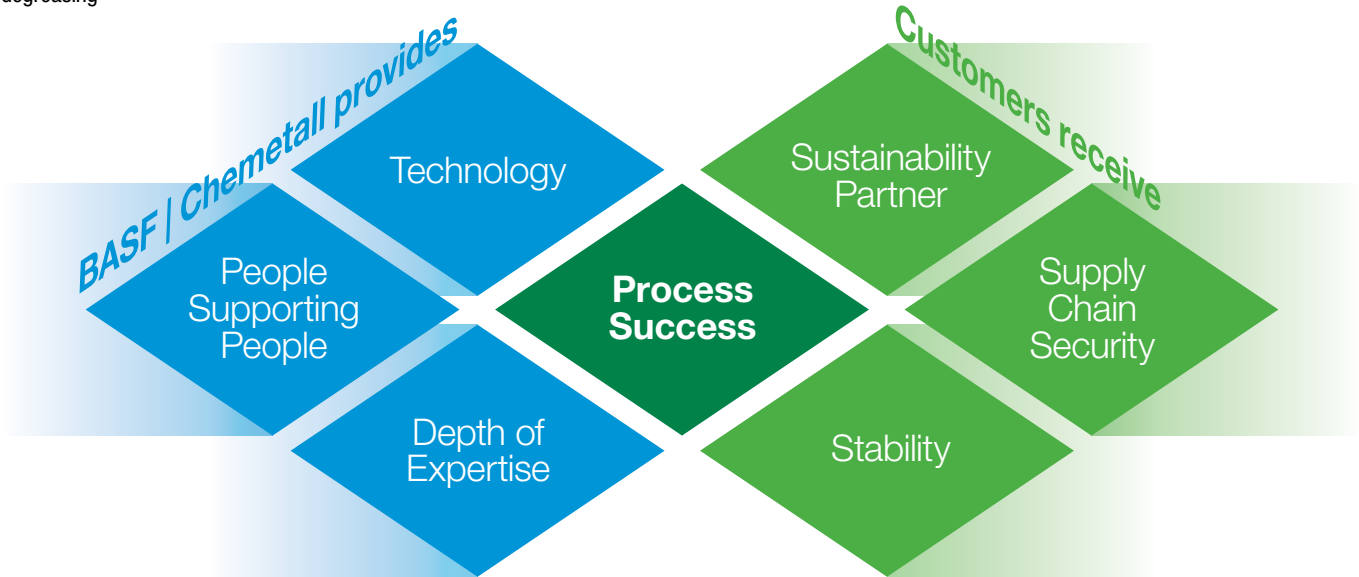
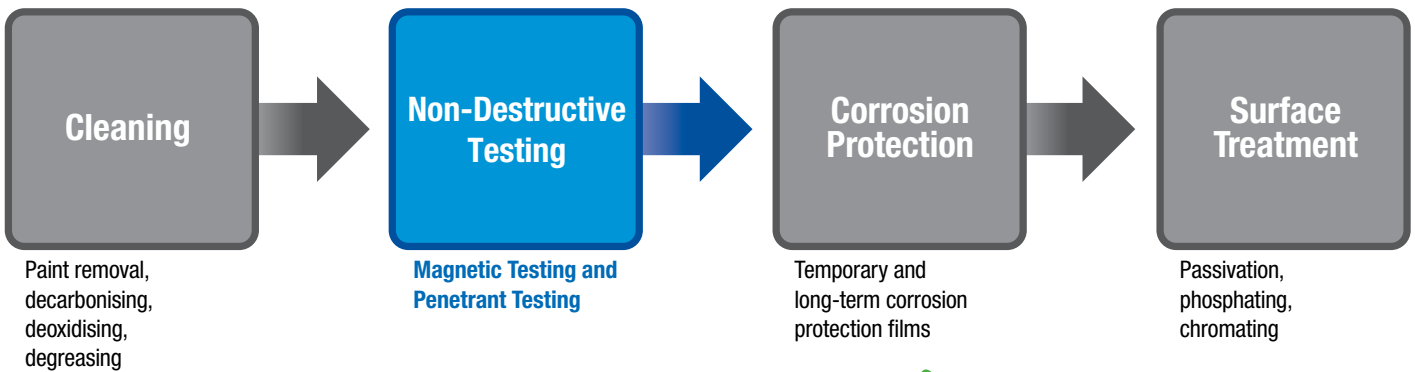
Our non-destructive penetrant testing products meet the demanding requirements for Oil and Gas, Energy, and General Industries. We offer a full portfolio of penetrants, cleaners, and developers for use on both metallic and non-metallic surfaces requiring visible and/or UV inspections.

	Penetrant			Remover	Developer	
	Classification	Sensitivity	Product	Product	Form	Product
Type I — Fluorescent	Method A— Water washable & Method C — Solvent removable	Level 1	Ardrox 9702	Water Ardrox 9PR5 Ardrox 9PR50 Ardrox 9PR88	Non-aqueous, d & e	Ardrox 9D1B Ardrox NQ1
		Level 2	Ardrox 9704			
Type II — Visible		Level 2 (according to ISO 3452-2)	Ardrox 906A Ardrox 996PB Ardrox P6R			
Type III — Dual purpose	Ardrox 9VF2					

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Maintain outstanding surface quality before, during and after the NDT process



Build a partnership through support

- + On-site service regularly scheduled
- + Continuous improvement initiatives
- + Written service reports
- + Laboratory and Field Technical Group Support

We've got you covered

Our process success is achieved through our experts and the integrated technology they bring to the table

- + Local support
- + Technical support
- + Corporate support

Cut it. Clean it. Coat it. Control it. Conserve it.

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