



South African Standard Pipe Markers

SANS 10140-3:2003

Why Pipe Marking?

Brady pipe markers enhance safety, save time and reduce costs.

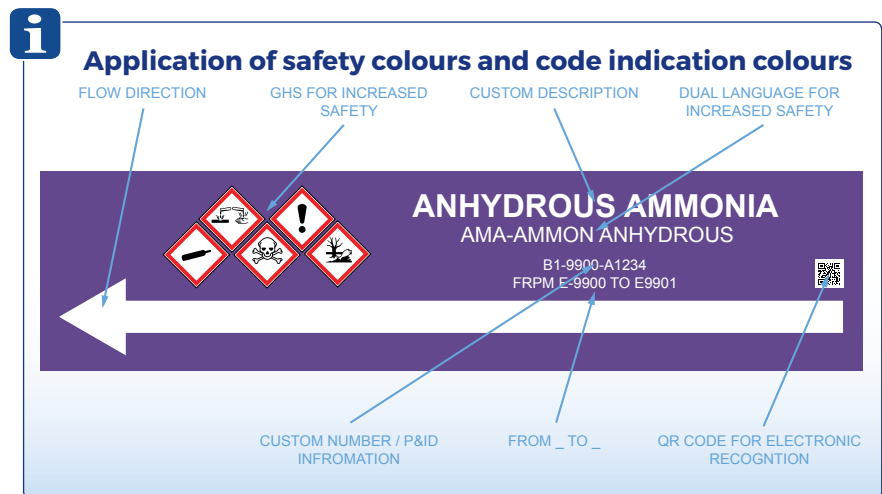
Enhance safety. Unmarked pipes and valves can cause danger to life and damage to equipment. Brady pipe markers will help ensure that you, your staff and your premises remain safe.

Reduce costs. By correctly identifying pipes, errors can be prevented. Accidents caused by negligence lead to both physical and psychological grief and often cost companies large amounts of money.

Save time. Clear, concise identification with Brady pipe markers, made from high performance laminated polyester, will stay in place and remain readable, due to high resistance to chemicals, ultraviolet rays and extreme weather conditions, saving valuable time by reducing the need to continually re-identify your pipes.



The usage of pipe markers compliant to the SANS 10140 will increase your plant safety. Those pipe markers are a combination of colours. In addition, pipe content legend and arrows can be shown. The colours to follow are indicated in the table below. The layout of the pipe itself with legend and arrows are up to the customer choice/standard.



Pipe Content	Basic Colour	SANS Colour Reference	Example	Additional Colour	SANS Colour Reference	Example
Acids	Jacaranda	F18		Salmon Pink	A40	
Air	Artic blue	F28		Primrose	C67	
Gasses (other than air)	Light Stone	C37		Maroon	A01	
Oil	Golden brown	B13		Peacock blue	F08	
Refrigerants and air conditioning	White			Crimson	A03	
Steam	Aluminium/Silver			Light brunswick green	H07	
Water drinkable	Brilliant green	H10		Canary yellow	C61	
Drainage water (sewage)	Black			Light grey	G29	
Fire fighting water	Signal red	A11		Middle brown	B07	
Hydrocarbons	Aluminium/Silver			Poppy red	A14	
				Verdigris green	E22	
				Cornflower	F29	
				Biscuit	B64	
				Golden yellow	B49	
				Pinotage	A08	
				Middle buff	B33	
				Emerald green	E14	
				Lime green	H41	

Brady's pipe marking solutions

We will create any pipe marker you need, taking into account the norms and your personal specifications regarding text, colour, size, layout and material.



Minimum information needed to make YOUR pipe markers

Text

Specify the legend that needs to be printed

Colours

Pipes must be identified with the relevant colour. Every substance group has a specific colour, depending on the SANS 10140-3:2003 norms.

Materials

- Self adhesive polyester (B-7541)

Sizes

Minimal standard size for 1 pipe marker:
150mm x 12mm

Maximum standard size for 1 pipe marker:
450mm x 52mm

Custom sizes from 10mm x 10mm to
1.3m x 1m



Each company can define their own particular pipe marker layout, here are some examples:



Layout

Pipe contents	Basic ID Colour	Second colour band	Single colour code	Second colour band	Basic ID Colour
Acids	Jacaranda		Jacaranda		Jacaranda

Air	Artic blue		Artic blue		Artic blue
Compressed air (General)	Artic blue		Artic blue		Artic blue
Instrument	Artic blue		Salmon Pink		Artic blue
Vacuum	Artic blue		Primrose		Artic blue

Gasses (other than air)	Light Stone		Light Stone		Light Stone
Acetylene	Light Stone		Maroon		Light Stone
Argon	Light Stone		Peacock Blue		Light Stone
Blast Furnace	Light Stone		Crimson		Light Stone
Carbon Dioxide	Light Stone		Light brunswick green		Light Stone
Chlorine	Light Stone		Canary yellow		Light Stone
Coke oven	Light Stone		Light grey		Light Stone
Helium	Light Stone		Middle brown		Light Stone
Hydrogen	Light Stone		Poppy red		Light Stone
Liquefied Petroleum Gas (LPG)	Light Stone		Light Stone		Light Stone
Methane	Light Stone	Poppy red	Black	Poppy red	Light Stone
Nitrogen	Light Stone	Black	Light grey	Black	Light Stone
Oxygen	Light Stone		White		Light Stone
Producer	Light Stone		Verdigris green		Light Stone

Oil	Golden brown		Golden brown		Golden brown
Hydraulic power	Golden brown		Salmon Pink		Golden brown
Lubricating oil	Golden brown		Verdigris green		Golden brown
Transformer oil	Golden brown		Crimson		Golden brown

Refrigerants and air conditioning	White		White		White
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Steam	Aluminium/ Silver		Aluminium/ Silver		Aluminium/ Silver
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Water drinkable:	Brilliant green		Brilliant green		Brilliant green
Cold	Brilliant green		Cornflower		Brilliant green
Hot	Brilliant green		Crimson		Brilliant green

Water non-drinkable:					
Demineralized	Brilliant green		White		Brilliant green
Drainage water (sewage)	Black		Black		Black
Fire fighting water	Signal red		Signal red		Signal red
Fire fighting water (Foam line)	Signal red		Biscuit		Signal red
Biscuit (B64)	Brilliant green		Golden yellow		Brilliant green

Hydrocarbons:	Aluminium/ Silver		Aluminium/ Silver		Aluminium/ Silver
Alcohol	Aluminium/ Silver		Pinotage		Aluminium/ Silver
Diesel	Aluminium/ Silver		Middle buff		Aluminium/ Silver
IP/IK	Aluminium/ Silver		Cornflower		Aluminium/ Silver
Power paraffin (PP)	Aluminium/ Silver	White	Emerald green	White	Aluminium/ Silver
Mogas 93 ULP	Aluminium/ Silver	Canary yellow	Lime green	Canary yellow	Aluminium/ Silver
Mogas 93 ULP	Aluminium/ Silver		Lime green		Aluminium/ Silver

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