

PIPELINE AND PIPEWORK IDENTIFICATION GUIDE

The chart below depicts the marking for many common pipeline contents, and comply with BS 1710: 1984 Specification for identification of pipeline and services, and colour coded to BS 4800; 2011. These indicate the contents of pipelines, pipes, pipework, ducting, ducts (building services) and electrical conduits. Also, this assists in meeting the requirements of the Health and Safety (Signs and Signals) Regulations for indicating dangerous substances in pipelines and in storage. The tapes provide a visual identifier to warn of the risks and dangers from any release of pipeline contents, and to prevent accidents and injuries from any such release.

Pipe contents	Basic identification colour 150mm	Colour code indication 100mm	Basic identification colour 150mm
WATER			
Drinking water	12D45	18E53	12D45
Cooling water	12D45	00E55	12D45
Boiler water	12D45	04D45 00E55 04D45	12D45
Condensate	12D45	04D45 14E53 04D45	12D45
Chilled water	12D45	00E55 14E53 00E55	12D45
Central heating < 100 °C	12D45	18E51 04D45 18E51	12D45
Central heating > 100 °C	12D45	04D45 18E51 04D45	12D45
Cool down service	12D45	00E55 18E51 00E55	12D45
Hot water supply	12D45	00E55 04D45 00E55	12D45
Hydraulic power	12D45	04C33	12D45
Untreated water	12D45	12D45	12D45
Fire extinguishing water	12D45	04E53	12D45
Reclaimed water	12D45	00E53	12D45
OILS			
Diesel fuel	06C39	00E55	06C39
Furnace fuel	06C39	06C39	06C39
Lubricating oil	06C39	14E53	06C39
Hydraulic power oil	06C39	04C33	06C39
Transformer oil	06C39	04D45	06C39
REFRIGERATION			
Refrigerant 12	08C35	18E53	08C35
Refrigerant 22	08C35	16C37	08C35
Refrigerant 502	08C35	06D45	08C35
Other Refrigerants	08C35	14E53	08C35
MISCELLANEOUS			
Natural Gas	08C35	10E53	08C35
Compressed Air	20E51	20E51	20E51
Vacuum	20E51	00E55	20E51
Steam	10A03	10A03	10A03
Drainage	00E53	00E53	00E53
Electrical conduits / ducts	06E51	06E51	06E51
Acids and alkalis	22C37	22C37	22C37