

Standard Signage for Treatment & Chemical Dosing Plants

TREATMENT or CHEMICAL DOSING PLANTS STANDARD COLOUR CODING FOR PIPE WORK (DS WCSS453)

1	2	3	4	5	6
SAMPLE OF COLOUR	PIPE CONTENTS	TREATMENT PLANT	COLOUR	AS 2700 REF. NO.	NOTES:
	RAW WASTEWATER	WASTEWATER			NOTES: 1. ALL COLOURS TO BE IN ACCORDANCE WITH AS 2700-1996. 2. PIPES TO BE LABELLED IN ACCORDANCE WITH AS 1345-1995, IDENTIFICATION OF THE CONTENTS OF PIPES, CONDUITS AND DUCTS. 3. COLOUR CODE IS FOR PIPEWORK AND DOES NOT NECESSARILY APPLY TO SCADA SYSTEMS. 4. FOR LARGE ABOVE GROUND RAW, RECLAIMED AND POTABLE WATER SYSTEMS, COLOUR BANDING MAY BE APPROPRIATE. 5. THIS STANDARD TAKES PRECEDENCE WHERE ANOMALIES EXIST WITH AS 1345-1995 6. FOR POTABLE SCHEMES USE COLOUR BANDING AND LOW EMISSIVITY BASE COLOUR FOR SOLAR EXPOSED LINES TO MINIMISE WATER TEMPERATURE INCREASE.
	SCREENINGS	WASTEWATER			
	GRIT	WASTEWATER			
	WASTEWATER PROCESS LIQUORS (includes solids treatment & tank drainage)	WASTEWATER			
	ACTIVATED SLUDGE	WASTEWATER			
	RAW SLUDGE	WASTEWATER			
	DIGESTED SLUDGE	WASTEWATER			
	SLUDGE CAKE	WASTEWATER			
	SKIMMINGS	WASTEWATER			
	PRIMARY EFFLUENT	WASTEWATER			
	SECONDARY EFFLUENT	WASTEWATER			
	FINAL EFFLUENT	WASTEWATER			
	BORE WATER (* NOTE 6)	WASTEWATER/WATER			
	BACKWASH WATER OUTLET	WATER			
	SLUDGE	WATER			
	MTEX - REGENERANT & WASTE REGENERANT	WATER			
	BACKWASH RECOVERY (* NOTE 6)	WATER			
	CLARIFIER TO FILTERS, FILTERED (UNDISINFECTED)(*NOTE 6)	WATER			
	UNTREATED SURFACE WATER (* NOTE 6)	DAMS			
	RECLAIMED EFFLUENT (reuse to external customers)	WASTEWATER	PURPLE	P12	
	POTABLE WATER (* NOTE 6)	WASTEWATER/WATER	JADE	G21	
	CHEMICALS	WASTEWATER/WATER	LILAC	P23	
	CHLORINE GAS OR LIQUIFIED GAS	WASTEWATER/WATER	GOLDEN YELLOW	Y14	
	FUEL OILS, LUBRICATION OILS etc	WASTEWATER/WATER	GOLDEN TAN	X53	
	FUEL GASES (including digester gas)	WASTEWATER/WATER	SAND	Y44	
	FIRE SERVICES	WASTEWATER/WATER	SIGNAL RED	R13	
	ELECTRICAL	WASTEWATER/WATER	ORANGE	X15	
	AIR	WASTEWATER/WATER	AQUA	B25	
	TELEPHONE & OTHER COMMUNICATION LINES	WASTEWATER/WATER	WHITE	N14	
	SEAWATER (RSW)	DESALINATION	MID BLUE	B15	
	FILTERED SEAWATER (FSW)	DESALINATION	BLUEBELL	B41	
	BRINE (BR)	DESALINATION	DARK GREY BLUE	B53	

ISSUE	DATE	GRID	REVISION	DRN	REC	APPD
F	03/2018		NOTE 6 ADDED	KN		
E	07/2012		COLOURS AMENDED	KLM	JM	JM
D	06/2011		SEAWATER, FILTERED SEAWATER & BRINE ADDED	BJ	NW	NW
C	06/2006		NOTE 2 MODIFIED & NOTE 5 ADDED	AC	MF	NW
B	03/2004		PIPEWORK COLOUR CODE REVIEWED APRIL 2004	GRC	MF	NW

DES CALC		RECOMMENDED	05/12/1996				WATER CORPORATION WATER AND WASTEWATER TREATMENT PLANTS STANDARD COLOUR CODING FOR PIPEWORK	ORIGINAL SHEET SIZE A3
DES CHD		N WINSOR (SIGNED)						
DRN		PRINCIPAL ENGINEER W TREATMENT						
C CLEAVER		APPROVED	05/12/1996					
Q.C. CHD		N MUELLER (SIGNED)						
B BLAYDEN		PRINCIPAL ENGINEER WW TREATMENT						

FILE	PLAN	CAD	ISSUE
PROJECT	EG71-1-1	F	MF 28 MAR 2018

The above Water Corporation **Colour Coding** standard complies with “AS 2700:2011” and “AS 1345:1995” for pipework located at water and wastewater plants/facilities.

- Pipework shall have **Identification Pipe Markers** that are prominently displayed on the pipework to ensure the observer can clearly read the information.
- The **Identification Pipe Markers** shall be posted adjacent to all junctions, valves, service appliances, bulkheads, wall penetrations and the like and spaced not more than 8 metres apart.
- Wherever a **special hazard** to operators and maintenance persons is present within a service, then an additional yellow & black striped band shall be displayed.

Note: Identification Pipe Markers are available in the following series:

- DS WCSS451 Chlorine Gas Small Pipe Marker
- DS WCSS452 Large Chemical Pipeline Marker
- DS WCSS454 Small Chemical Pipeline Marker