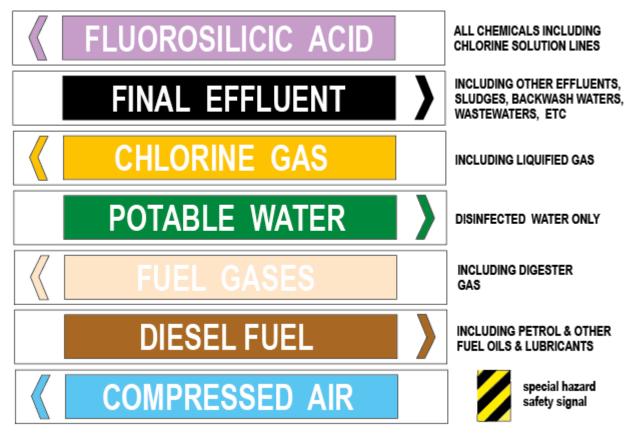
## Standard Signage for Treatment & Chemical Dosing Plants

## TREATMENT or CHEMICAL DOSING PLANTS

LARGE CHEMICAL PIPELINE MARKER (WCSS452) (Examples)



WATER CORPORATION, WATER & WASTEWATER STANDARD COLOUR CODING FOR PIPEWORK: DWG No. EG71-1-1

These **Pipe Identification Markers** are for pipes *greater than 40mm* and must comply with AS 2700 & AS 1345 (text indicating pipe contents, a background colour, and a white contrasting border with chevron(s) to indicate directional flow of contents).

Material: Self-adhesive vinyl.

- The Large Chemical Pipeline marker(s) are to be posted adjacent to all junctions, valves, service appliances, bulkheads, wall penetrations (and the like) and spaced not more than 8 metres apart.
- The Large Chemical Pipeline marker shall be placed with the words longitudinally along the pipe so that they are visible from all directions.

Note 1: Wherever there is **special hazard** (i.e. Dangerous Goods that may cause harm to operators/maintainers within a service), then an additional yellow & black stripped band shall be displayed in conjunction with the **Pipe Identification Marker**.

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Note 2: The requirements of AS1345 are dependent on many variables i.e. eyesight of person, distance from the marker, visibility conditions, etc.

Pipes 40mm or greater in diameter shall incorporate the following:

- Markers should be large enough to be readily read by persons with normal eyesight at the maximum distance at which the marker needs to be read
- As a guide, under good visibility conditions, a letter height of at least 1 mm for each 0.4 m of required reading distance should be provided -
  - Pipes with a diameter between 40mm and 75mm: letter height should be a minimum 12mm high
  - Pipes with a diameter of more than 75mm: letter height should be a minimum 24mm high
- The colour background patch shall be at least one and a half times the letter height -
  - Pipes with a diameter between 40mm and 75mm: background patch height should be a minimum 25mm high
  - Pipes with a diameter of more than 75mm: background patch height should be a minimum 50mm high

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