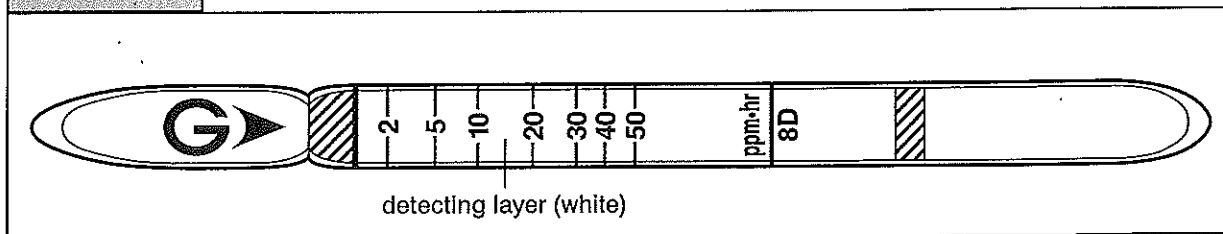


Dosi-tube

Chlorine Cl₂

No.8D

**Performance**

Measuring range :	0.08 to 100 ppm
Sampling time :	0.5 to 24 hours
Colour change :	White → Yellow
Corrections for temperature & humidity :	Unnecessary
Relative standard deviation :	10 % (for 2 to 50 ppm·hr)
Shelf life :	2 years

Reaction principle

Cl₂ + o-Tolidine → Yellow product

Possible coexisting substances and their interferences (NOTE : Page 2-5)

Substance	Concentration	Interference	Changes colour by itself to
Halogens		+	} Yellow
Nitrogen dioxide		+	

Calibration gas generation

Permeation tube method

TLV-TWA : 0.5 ppm

TLV-STEL : 1 ppm