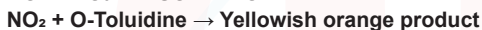
**Specification :**

|                                 | Extended                                      | Standard    | Extended      |
|---------------------------------|-----------------------------------------------|-------------|---------------|
| Measurement Range (NO2)         | Do not extend                                 | 2.5-200 ppm | Do not extend |
| Measurement Range (NO)          | Do not extend                                 | 2.5-200 ppm | Do not extend |
| No. of Pump Strokes             |                                               | 1 (100 ml)  |               |
| Volume Correction Factor (VCF)* |                                               | 1.0         |               |
| Sampling Time                   | 1 minute per pump stroke (100 ml)             |             |               |
| Colour Change                   | For both NO2 and NO: White → Yellowish orange |             |               |
| Detection Limit                 | 1 ppm (1 pump stroke)                         |             |               |
| Shelf Life                      | 2 years                                       |             |               |
| Relative standard deviation     | ± 10 – 15 %                                   |             |               |

\* Multiply the observed reading by the correction factor (VCF) to obtain the true concentration.

**Reaction Principle :****Possible Interferences :****For NO2 detector tube:**

| Compound          | Concentration (ppm) | Interference | Color Change / Comments |
|-------------------|---------------------|--------------|-------------------------|
| Nitric oxide      | ≤200                | No           | No Effect               |
| Sulphur dioxide   | ≤25                 | No           | No Effect               |
| Hydrogen chloride | ≤100                | No           | No Effect               |
| Chlorine          | 50                  | Yes          | Yellowish orange        |

**For NO detector tube:**

| Compound         | Concentration (ppm) | Interference | Color Change / Comments |
|------------------|---------------------|--------------|-------------------------|
| Nitrogen dioxide | ≤200                | No           | No Effect               |
| Sulphur dioxide  | ≤10                 | No           | No Effect               |
| Ozone            | ≤50                 | No           | No Effect               |

**Correction For Environmental Parameters :**

|                     |                                                                |        |        |        |         |
|---------------------|----------------------------------------------------------------|--------|--------|--------|---------|
| Relative humidity   | Not necessary between 10 - 90 %.                               |        |        |        |         |
| Temperature         | NO2 tubes: Not necessary between 0°C and 40°C (32°F and 104°F) |        |        |        |         |
|                     | NO detector tube: See table below.                             |        |        |        |         |
| Temperature °C (°F) | 0 (32)                                                         | 10(50) | 20(68) | 30(86) | 40(104) |
| Correction factor   | 1.15                                                           | 1.08   | 1      | 0.95   | 0.9     |

**Calibration Of The Tube :**

Permeation tube method

TLV (TWA): 0.2 ppm (NO2) & 25 ppm (NO)

TLV (STEL): -----

Flammable Range: NA