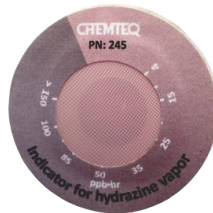
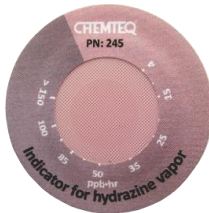


## Hydrazine Vapor Area Monitor (PN: 245)

Manual



## 1. Application

The Hydrazine Area monitor (PN: 245) is a colorimetric indicator for the detection of traces of hydrazine vapor in air, suitable location positions are on stack, duct, vent or flue where representative samples can be obtained. The indicator is suitable for indoor use only.

## 2. Specifications

- |                              |   |
|------------------------------|---|
| a. Weight:                   | 0.4g (0.02oz)                           |
| b. Dimensions:               | 2.0mm (0.11in), $\phi$ : 38.1mm (1.5in) |
| c. Operating temperature:    | -20°C to 40°C (-4°F to 104°F)           |
| d. Operating humidity:       | 5% RH to 95%RH                          |
| e. Minimum detectable limit: | 4ppb-hr at 30 cm/sec face velocity      |
| f. Detection range:          | 4ppb-hr to 150ppb-hr                    |
| g. Color change:             | Light pink to purple                    |
| h. Storage temperature:      | 4°C to 20°C, (39°F to 68°F)             |
| i. Shelf life:               | 1 year at 4°C to 22°C, (39°F to 68°F)   |
| j. Service life:             | 24 hours                                |

Cross interferences: Other hydrazines including monomethyl hydrazine and dimethyl hydrazine produce similar color. Aromatic amines produce red color. No other interferences are known.

## 3. Operating Instructions

- Ensure that packaging pouch is intact.
- Open packaging pouch by tearing off the top part from one of side notches
- Remove indicator sticker from the packaging pouch (Figure 1).
- Peel off the protective liner to expose the bottom adhesive (Figure 2).
- Record start date and location on the back of the area monitor (Figure 3)



**Caution: Do not touch bottom adhesive or exposure area**

- Hold the sticker from the edges and place it on a suitable location position on stack, duct, vent or flue where representative sample can be obtained.
- Press firmly to adhere the monitor on the location surface.
- Formation of purple color indicates the presence of hydrazine.

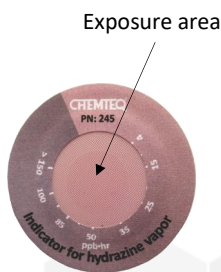


Figure 1

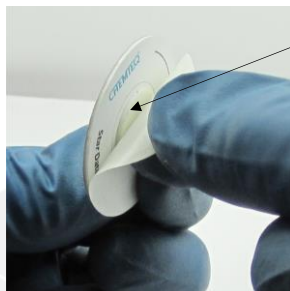


Figure 2

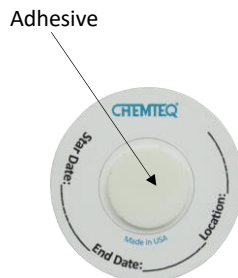


Figure 3

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Chemteq, Inc., 600 West 24<sup>th</sup> Street, Suite B, Norfolk, Virginia 23517, Tel 757-622-2223, sales@chemteq.net  
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MP-2458100-091820-B