

# Perry Hydrogen Sulfide Indicator Technical Data Sheet (Perry-HS Indicator)

## 1. Application

The Hydrogen Sulfide Indicator is qualitative colorimetric indicator for the end-of-service life of carbon absorbers. It is designed to provide real time indication of the breakthrough of hydrogen sulfide gas.

## 2. Specifications

A. Weight:	129.5g (4.6oz)
B. Dimensions:	11.43cm (4.5in), diameter 5.08cm (2.0in)
C. Inlet dimensions:	1.5" MNPT
D. Operating temperature:	-20°C to 65°C (-4°F to 149°F)
E. Operating humidity:	5% RH to 90% RH
F. Minimum detectable limit:	1.0ppm ● min at 30cm / sec face velocity
G. Color change:	Light Blue ● to brown ● or black ●
H. Storage temperature:	4°C to 25°C, (39° to 77°F)
I. Shelf life:	2 years at 4°C to 25°, (39°F to 77°F)
J. Service life:	18 months

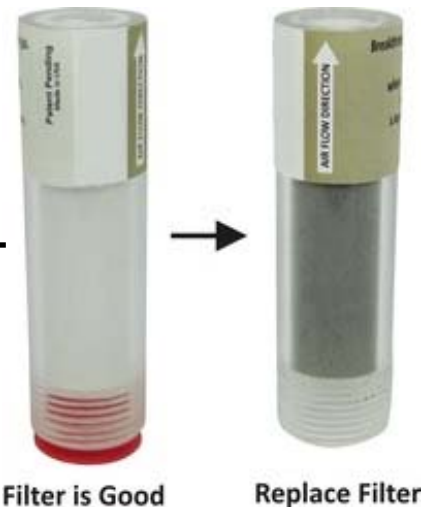
**Cross interferences:** No interferences are known.

## 3. Operating Instructions

- ensure that packaging pouch is intact.
- Open packaging pouch by tearing off the top part from one of side notches.
- Remove the breakthrough indicator from the packaging pouch.
- Remove the 1.5" threaded plug from the carbon absorber outlet lid.
- Remove the protective red plug to activate the breakthrough indicator.
- Thread the breakthrough indicator into the 1.5" threaded carbon absorber outlet lid.

**Caution: Only hand tighten indicator into carbon adsorber connection.**

- Replace carbon absorber when the breakthrough indicator changes color to brown or black.



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