

Specification Change: Water Vapour Airtec tube No. 6A

February 8, 2013

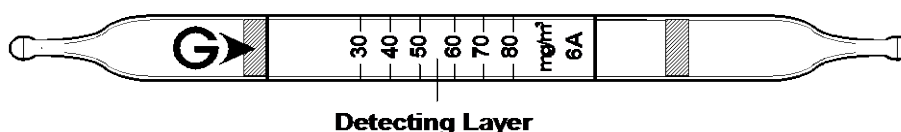
This is an announcement of specification change of the Water Vapour Airtec tube No. 6A.

The measuring range is expanded to measure 25 mg/m³, which is the threshold of the international standard. The new No. 6A tube is available to measure lower range down to 20mg/m³ by utilizing new chemical reaction. In addition, sampling time and flow rate are reduced in order to save measuring time and sample gas. Please see below comparison table and instruction sheet for details of the specification change.

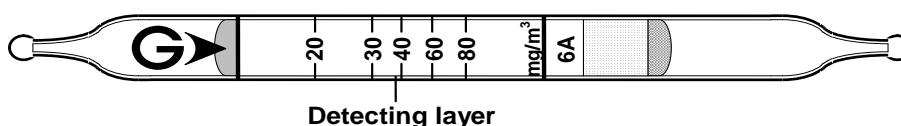
Details of the specification change

Airtec tube No. 6A

Before change



After change



	Before Change	After Change
Measuring Range	30 - 80 mg/m ³	20 - 80 mg/m ³
Sampling Volume (Flow Metre)	1,000mL	500 mL
Sampling Rate	100 mL/ min.	100 mL/ min.
Sampling Time	10 minutes	5 minutes
Colour Change	Yellow -> Purple	Yellow -> Green
Reaction Principle	Water vapour reacts with chemical reagent to produce basic compound and indicate purple stain.	$H_2O + Mg(ClO_4)_2 \rightarrow Mg(ClO_4)_2 \cdot H_2O$