

TEST REPORT: 7191161335-CHM17-YL-02

Date: 12 MAY 2017

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SUBJECT

Test of Poiema Air Purifier Model SGT450/SGT450S of Its Performance on Ozone Emission

CLIENT

Vicky's Import & Export Pte. Ltd.
7 Tuas Bay Walk
Singapore 637756

Attn: Mr. Roger Jung

TEST DATE

26 Apr 2017

DESCRIPTION OF PRODUCT

The photo of Poiema Air Purifier Model SGT450/SGT450S tested is showed in Annex A.

METHOD OF TEST

The Poiema Air Purifier Model SGT450/SGT450S power is switched on. The fan speed is adjusted to maximum. The concentration of ozone (O₃) at outlet of air flow is monitored by an ozone sensor meter for 30 minutes.



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RESULTS

Table 1 Results of ozone concentration at outlet of Poiema Air Purifier Model SGT450/SGT450S, unit: ppm

Time, Minute	Ozone level without Poiema Air Purifier Model SGT450/SGT450S in operation	Ozone level with Poiema Air Purifier Model SGT450/SGT450S in operation at maximum fan speed and "Ionic" is on
0	< 0.01	< 0.01
1	< 0.01	< 0.01
2	< 0.01	< 0.01
3	< 0.01	< 0.01
4	< 0.01	< 0.01
5	< 0.01	< 0.01
6	< 0.01	< 0.01
7	< 0.01	< 0.01
8	< 0.01	< 0.01
9	< 0.01	< 0.01
10	< 0.01	< 0.01
11	< 0.01	< 0.01
12	< 0.01	< 0.01
13	< 0.01	< 0.01
14	< 0.01	< 0.01
15	< 0.01	< 0.01
16	< 0.01	< 0.01
17	< 0.01	< 0.01
18	< 0.01	< 0.01
19	< 0.01	< 0.01
20	< 0.01	< 0.01
21	< 0.01	< 0.01
22	< 0.01	< 0.01
23	< 0.01	< 0.01
24	< 0.01	< 0.01
25	< 0.01	< 0.01
26	< 0.01	< 0.01
27	< 0.01	< 0.01
28	< 0.01	< 0.01
29	< 0.01	< 0.01
30	< 0.01	< 0.01

The allowable limit of ozone concentration is no more than 0.05 ppm in NEA "Guidelines for Good Indoor Air Quality in Office Premises"



CONCLUSION

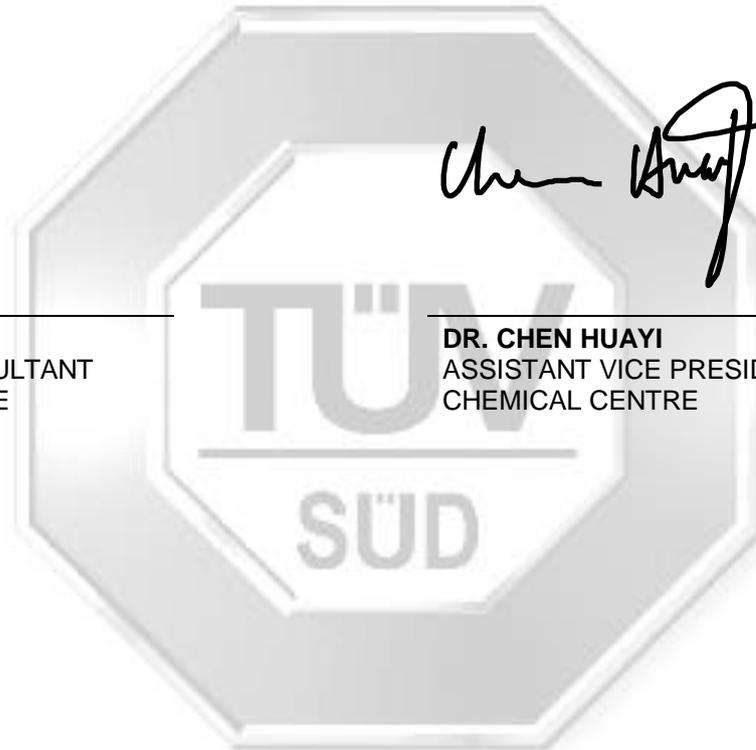
The maximum Ozone concentration in test chamber is less than 0.01 ppm in 30 minutes' operation of Poiema Air Purifier Model SGT450/SGT450S under highest fan speed. The ozone emission monitored in the test is within the allowable limit of no more than 0.05 ppm in Singapore National Environment Agency (NEA) "Guidelines for Good Indoor Air Quality in Office Premises".

A handwritten signature in black ink, appearing to read 'Yang Lei'.

DR. YANG LEI
EXECUTIVE CONSULTANT
CHEMICAL CENTRE

A handwritten signature in black ink, appearing to read 'Chen Huayi'.

DR. CHEN HUAYI
ASSISTANT VICE PRESIDENT
CHEMICAL CENTRE



Annex A:

Product Name Air Purifier

Photo



Brand Poiema

Model SGT450/SGT450S



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July 2011

