

**MAKE SURE YOUR
FURNITURE AND BUILDING
MATERIALS ARE COMPLIANT WITH
EMISSION REGULATIONS**

Furniture and building materials can emit formaldehyde and various kinds of Volatile Organic Compounds (VOCs) that have an impact on indoor air quality as well as having an adverse effect on human health. Common health effects include eye, nose and throat irritation, headaches, abnormal tiredness, damage to liver, kidney and central nervous system, etc. On account of such health risks, many countries have established mandatory or voluntary rating systems to control the emission of formaldehyde, VOCs and other hazardous substances in construction and furnishing materials.

STC offers formaldehyde and VOC testing on EU regulations as below:

Testing Items	Test Method
Formaldehyde emission by the chamber method	BS EN 717-Part 1
Formaldehyde release by the gas analysis method	BS EN 717-Part 2
Formaldehyde release by the flask method	BS EN 717-Part 3
Formaldehyde content by the perforator method	BS EN 120
VOC emission	ISO 16000-9

More testing services are available. Please contact our staff of Textile and Material Department.

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確保你的傢俱及 建築材料符合標準

傢俱及建築材料

會釋放甲醛及各種揮發性有機化學物質 (VOCs)，不但影響市內空氣質素，亦可能會危害人體健康，常見的健康問題包括眼、鼻及喉部發炎、頭痛、疲勞感、肝、腎及中樞神經的損害等。有見及此，許多國家透過法定和自願審核制度，控制建築及傢俱材料中的甲醛、各種揮發性有機化學物質及其他有害物質的排放量。

STC按歐洲標準提供一系列甲醛及揮發性有機物釋出測試服務，當中包括：

測試項目

測試方法

甲醛釋放量標準---氣候箱法

BS EN 717-Part 1

甲醛釋放量標準---氣體分析法

BS EN 717-Part 2

甲醛釋放量標準---燒瓶法

BS EN 717-Part 3

甲醛含量的測定---鑽孔萃取法

BS EN 120

揮發性有機物質釋放量標準

ISO 16000-9

還有更多測試服務未能盡錄，歡迎向我們的紡織及物料部職員垂詢：

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