

# Clean Air...

## VOC REMOVAL AT CIRCUIT BOARD PRODUCTION



*Biofilter Type B-100-G in Austria*

One of the leading manufacturer of circuit boards for telecom, automotive and general industry have reduced substantially the VOC emissions.

A VOC removal plant had been searched for a long time meeting the high performance requirements of the authorities. The plant should provide a maximum machine availability at low running costs. Final decision was to use a THOLANDER biofilter.

Performance tests as per table below have turned out to the client's full satisfaction.

The biofilter divided into 9 measuring areas was detected four times within a period of eight months. None of the tests failed.

These results and the high quality standard of THOLANDER FRP-Biofilter encouraged the client to place a second order for a new production line.

average	1	2	3	4	5	6	7	8	9
17,9	19,5	26,7	20,5	19,0	21,4	19,4	9,8	10,3	14,3
16,5	20,8	26,0	19,7	13,8	13,7	11,7	18,9	5,5	18,2
13,4	10,8	9,9	13,0	16,6	15,1	11,7	10,8	14,7	17,9
8,0	17,2	6,0	20,5	1,5	4,2	0,8	10,8	10,2	0,4

*Test results, all values in mg/m<sup>3</sup>*

Total average exhaust gas: 172,2 mg/m<sup>3</sup>

Total average clean gas: 3,9 mg/m<sup>3</sup>