



Industrie Service

Certificate

TÜV Industrie Service GmbH
TÜV SÜD Gruppe

Flame-Ionization-Detector

FID 123,123I,1230Module, 3001W, 2010T

Report Nr. 1529455 (August 1992); 24014741 (Feb. 1996); 24095574 (July 2000)

Manufacturer:

Testa GmbH, Munich, Germany

TÜV Industrie Service GmbH, TÜV SÜD Group is herewith certifying for the Flame Ionization Detector Testa FID 123,123I,1230Module, 3001W, 2010T that the following measuring results for emission measurement at waste incineration plants and plants with emissions of chlorinated and non chlorinated organic components have been reached and are in accordance to the 17.BImSchV and TA-Luft regulations.

Smallest tested measuring ranges:

0 – 15/ 50 mgC/m³

Availability:

> 98% over a period of 3 month for two independent systems

Drift:

Zero -drift: < 2% of range within maintenance interval

Span-drift: < 4% of range within maintenance interval

Cross Interferences:

The sum of all interferences to the measuring component stated above for CO, CO₂,SO₂, NO, NO₂, HCl,NH₃, O₂, N₂, H₂O with typical stack gas concentrations is <4% of the ranges.

Limit of detection:

The limit of detection is <1% of range

München, May 2004

Dr. A. Brandl

TÜV Industrie Service GmbH, Referat Umweltmesstechnik, IS-US1-MUC,
Westendstrasse 199, D-80686 München