

TÜV Rheinland Energy GmbH  
D-51101 Cologne

Palas GmbH  
Mr. Frank Uhlitzsch  
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Germany

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November 14, 2022

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**Status of type-testing of the automated measuring system Fidas Smart 100 / Fidas Smart 100 E for PM<sub>10</sub> and PM<sub>2.5</sub> of Palas GmbH**

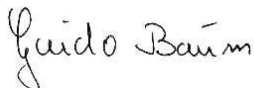
Dear Mr. Uhlitzsch,

Palas GmbH has commissioned TÜV Rheinland Energy GmbH with the execution of type testing of the automated measuring system Fidas Smart 100 / Fidas Smart 100 E for PM<sub>10</sub> and PM<sub>2.5</sub> according to the relevant European Standard EN 16450 with the target to achieve QAL1 certification.

Herewith we confirm, that, as per today, the systems have successfully passed the lab test as well as the field test while implementing the evaluation algorithms PM\_ENVIRO\_██████████ for PM<sub>2.5</sub> and PM\_ENVIRO\_██████████ for PM<sub>10</sub>. The test report has been submitted to the German certification committee for its meeting in early November 2022. During these meeting, we got a positive assessment of the test report and a recommendation for the publication in the German Federal Gazette. As the next step, the LAI-committee L/W/V (which is formal responsible) needs to approve that. After the positive decision of LAI L/W/V, the measuring system Fidas Smart 100 / Fidas Smart 100 E will be announced as type approved in the official German Federal Gazette (March 2023) and published on the [www.gal1.de](http://www.gal1.de) website (summer 2023). A preliminary confirmation will be issued in early 2023.

Yours Sincerely

Business Field Manager

i.V. 

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