

Test Systems for a Clean and Safe Environment



Brake Emissions – Multi-filter holder device

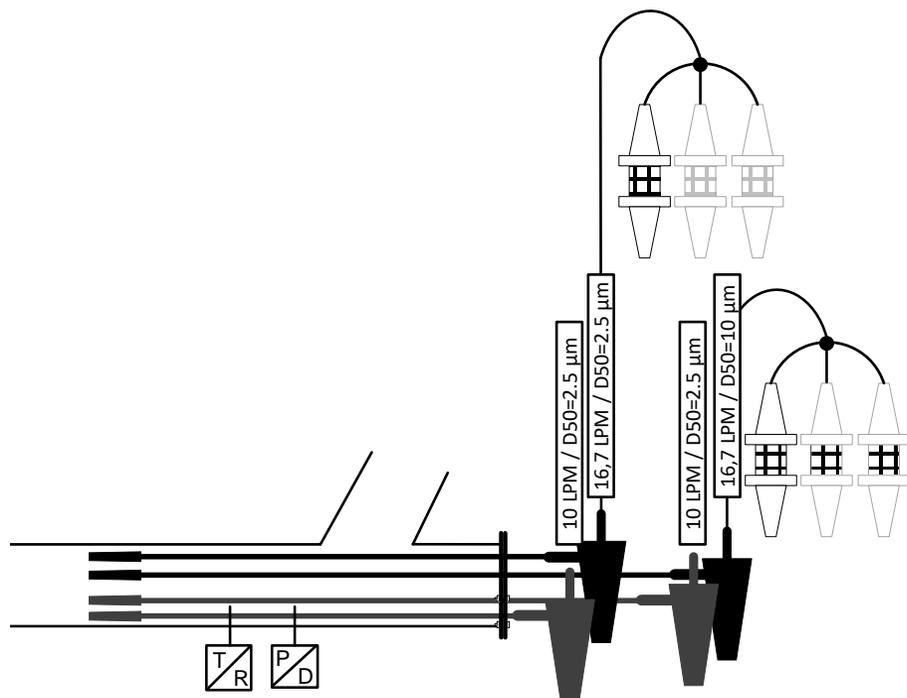


Cause

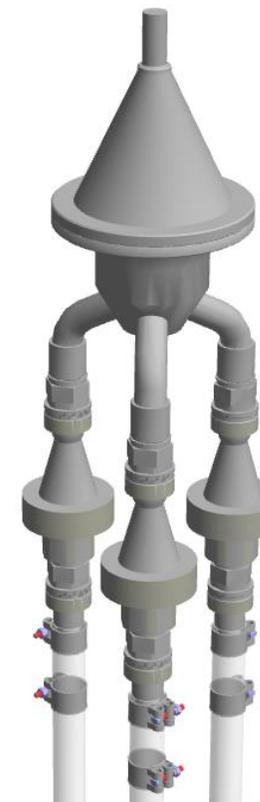
Amendment 12.1.3.1(g)

The use of a multi-filter holder device shall not introduce any change in the flow direction prior to or within the multi-filter holder device

Probes with Multisampler

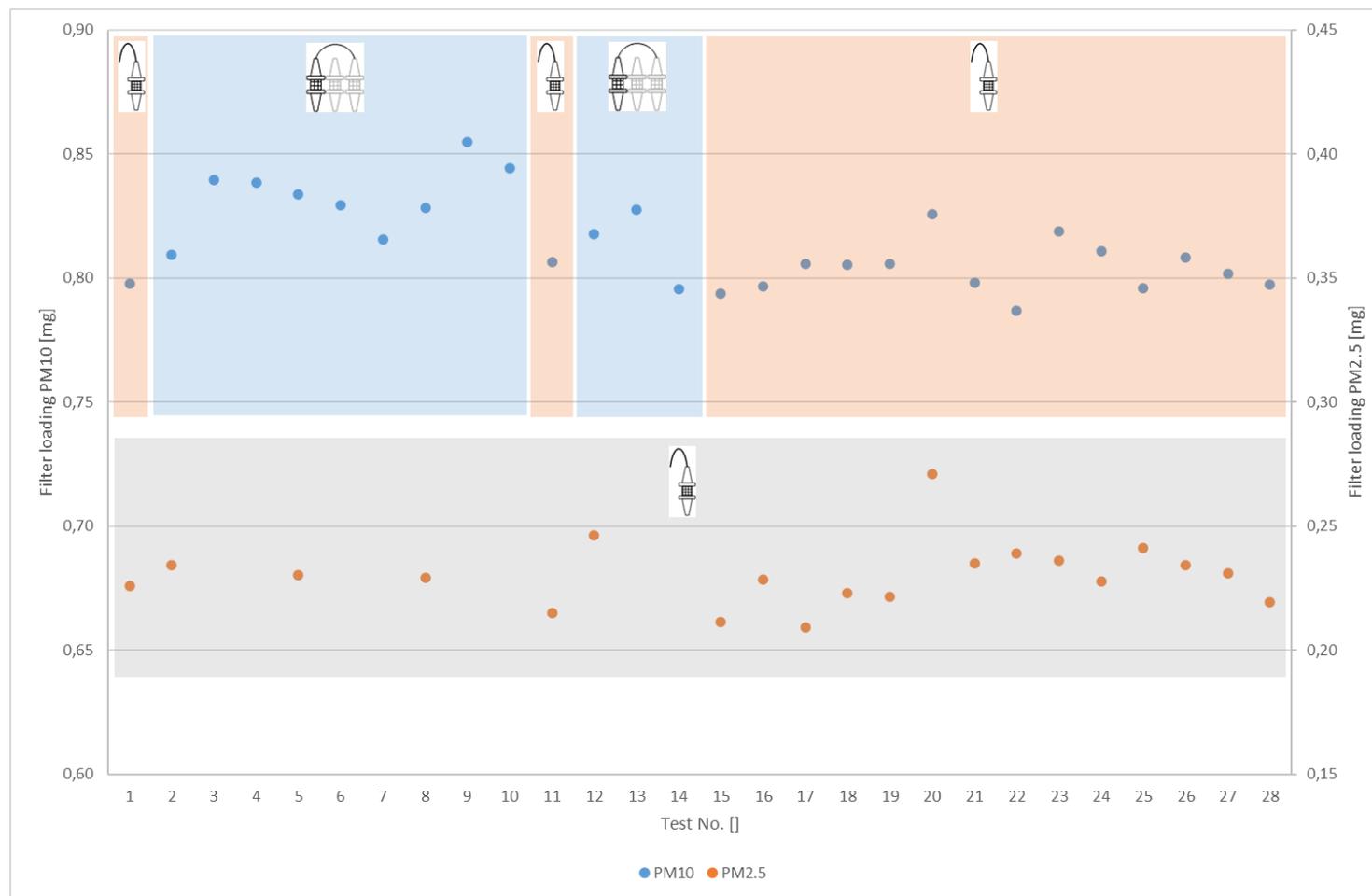


PM-probes (lances) with downstream
3-path-multisampler (schematic)

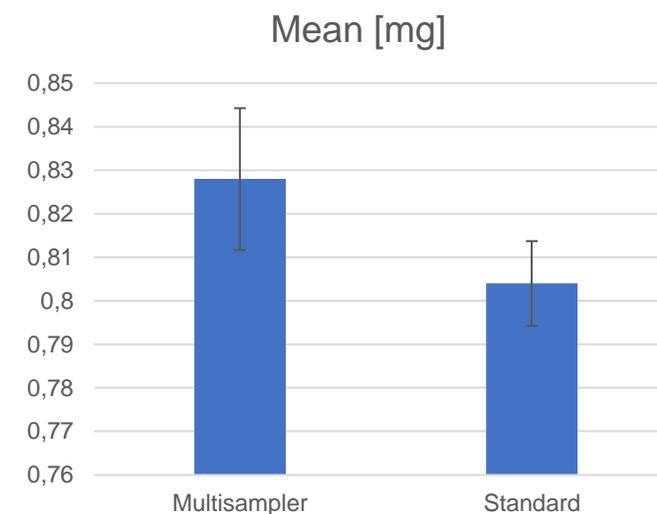


3-path-multisampler

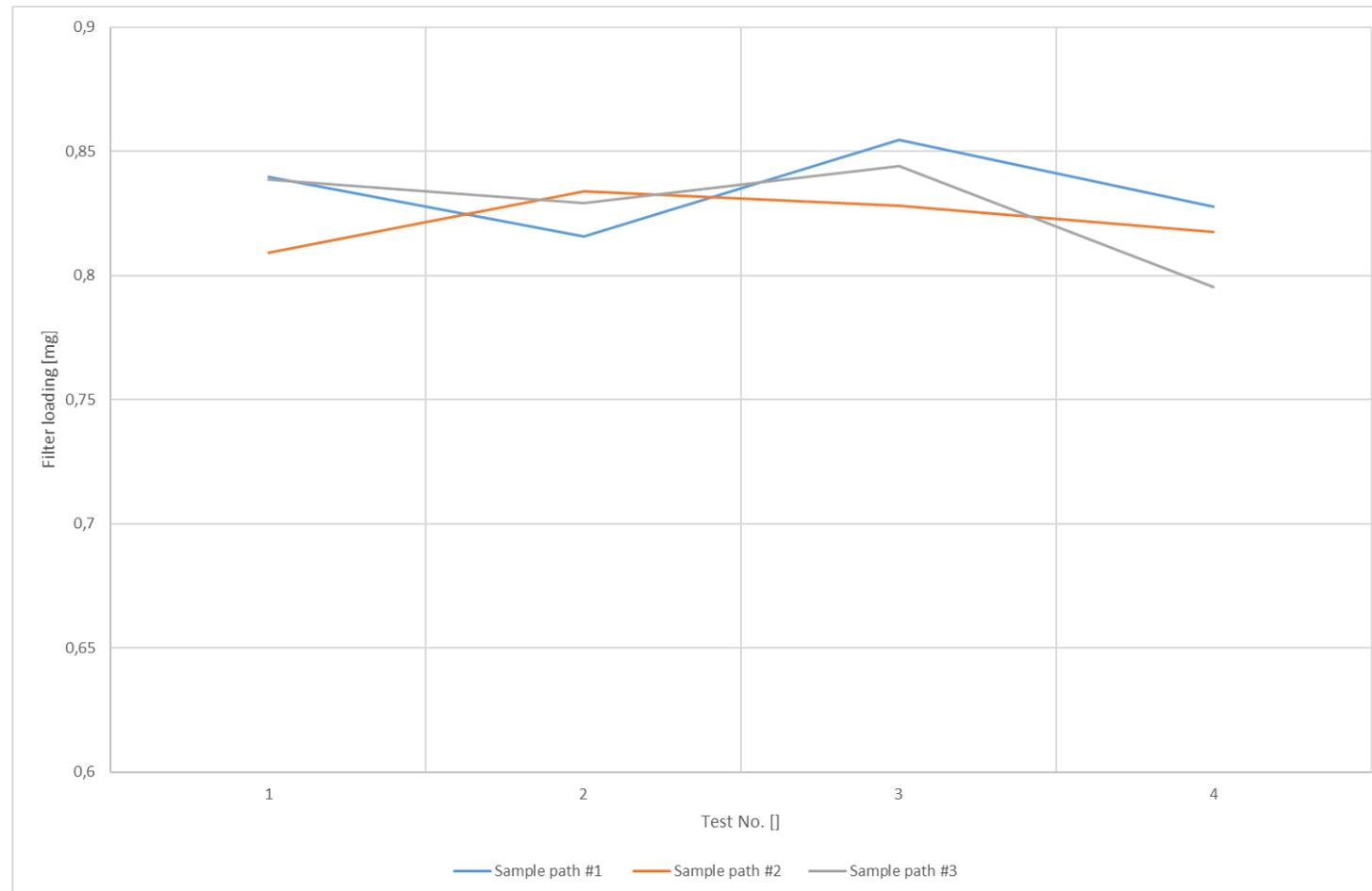
Results: Overview



	Multisampler	Standard
Mean [mg]	0,828	0,804
StdDev. []	0,016	0,010
CV [%]	1,97	1,21



Results: Path specific



Conclusion

- Tests were conducted with an assembly from an exhaust test stand.
- Results so far do not confirm that a multisampler assembly as shown before is **not** proper to be used in the brake emissions area

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=> is not reasonable against the background of the shown measurement results

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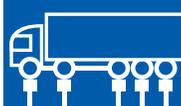
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e-Mobility



Autonomous
Driving



Test Bench
Automation



Driving
Robot



Vehicle
Cooling Fan