

**ISO 16890-1:2016 - AIR FILTER TEST RESULT SUMMARY**

<b>Testing Organization:</b>	fiatec GmbH, Germany, Burgkunstadterstr. 3 , 95336 Mainleus, +49(0)9229 99390
------------------------------	---

**GENERAL**

Report no.:	UAT 180901	Sample no.:	TF1	Date of report:	15.11.2018
Supervisor:	Matthias Eber	Device obtained on:	10.10.2018		
Test requested by:	UAB "Technogaja"	Device obtained from:	UAB "Technogaja"		

**DEVICE TESTED**

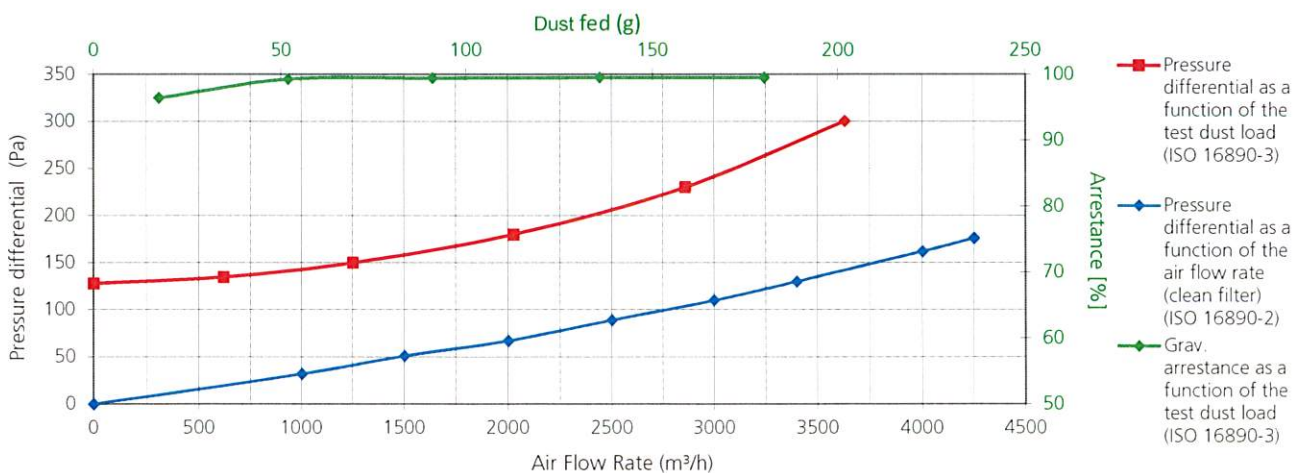
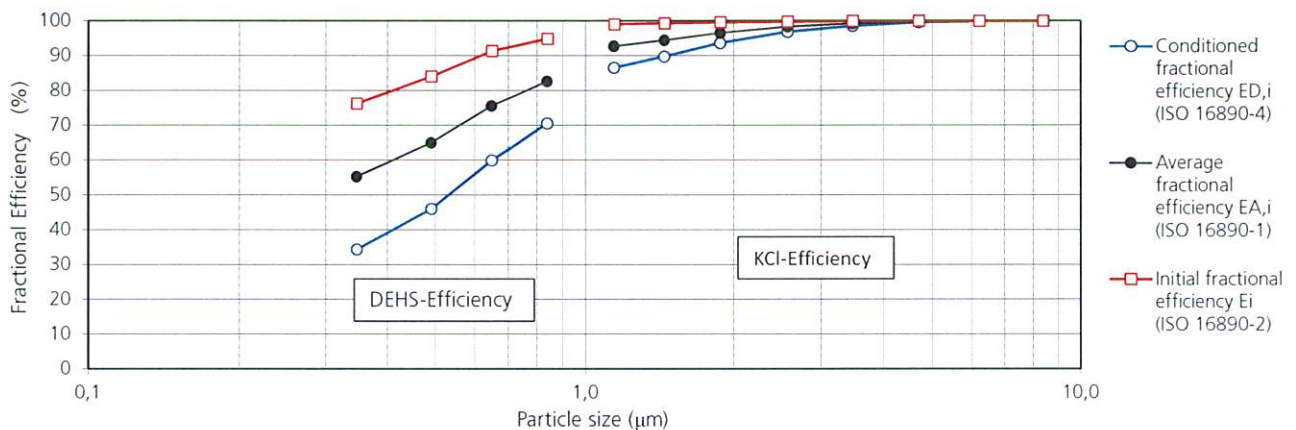
Model:	KIS-M25-592*592*600/8-F7-MAF	Manufacturer:	UAB "Technogaja"	Construction:	pocketfilter with eight pockets in metal frame
Type of media / media ID:	synthetic / F7 MAF	Net effective filtering area [m <sup>2</sup> ]:	5,5	Filter dimensions (width x height x depth) [mm]:	Customer Data: 592 x 592 x 600 mm Measured Dimension: 592 x 592 x 600 mm

**TEST DATA AND ATTACHED TEST REPORTS**

Test air flow rate [m <sup>3</sup> /s]:	0,833	Additional information					
Test air flow rate [m <sup>3</sup> /h]:	3000	Test report to ISO 16890-Part 2	Yes	-Part 3	No	-Part 4	Yes

**RESULTS**

Initial pressure differential [Pa]:	110	Initial grav. Arrestance [%]:	96,4	ePM <sub>1, min</sub> [%]	48,7 ± 2,4	ePM <sub>2,5, min</sub> [%]	62,4 ± 1,6	<b>ISO rating</b> <b>ISO ePM 2,5</b> <b>75 %</b>	
Final test pressure diff. [Pa]	300	Average grav. Arrestance [%]	98,9	ePM <sub>1</sub> [%]	66,6 ± 1,5	ePM <sub>2,5</sub> [%]	75,7 ± 1		ePM <sub>10</sub> [%]
Test dust capacity [g]:	199,5	Remarks:	Air flow for dust loading: 3400 m <sup>3</sup> /h						



NOTE: The results of this test relate only to the test device in the condition stated herein. The performance results cannot by themselves be quantitatively applied to predict filtration performance in all "real life" environments.

15.11.2018

Date



Signature