



# PARTICLE MEASUREMENT PROGRAMME

PMP-IWG

## **PMP TF3 ILS LAB COMPLIANCE**

**INTERPRETING THE SYSTEM & SETUP CHECKLISTS**

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# Deviation(s) of Labs during ILS Execution

		B	C	D	F	G	H	J	K	L	M	N	P	Q	R	S	T	No. of Labs w/ Deviations
<b>PM REQ.</b>	Microbalance resolution > 1 ug (required <=1 ug)	1		1			1										1	4
	No reference filter (required >=2)	1		1														2
	No coating on Al impaction substrates	1																1
	No charge neutralizer used	1		1			1								1			4
	Weighing room air controls beyond spec				1						1							2
<b>PN REQ.</b>	No Diluter used	1		1		1	1	1	1							1		7
	System background not recorded per spec	1					1						1		1			4
<b>SYSTEM REQ.</b>	Airflow climatics beyond spec		1	1										1	1			4
	Brake rotation different from spec				1													1
	Sampling plane location beyond spec								1	1								2
	Data recording rate < 10 Hz														1			1
<b>RECOMM.</b>	PM/PN Flowsplit angle beyond recomm limit				1													1
	CPC inlet flow not measured	1				1					1				1		1	5
	PN preclassifier cutpoint away from recomm value	1		1		1						1		1	1	1		7
	Airflow measurement location beyond recomm limits	1	1	1		1					1			1			1	7
	Airflow direction different from recomm orientations	1										1						2
	Caliper positioned different from recomm locations		1	1	1					1	1	1		1				1

# Deviation(s) of Labs during ILS Execution

*Most common deviations*      *Number of Labs*

**Caliper position**      8

**Airflow measurement location**      7

**PN measurement w/o dilution**      7

*(Tabular entries represent lab codes listed in alphabetical order)*

<b>Non-Compliance</b>	<b>PM</b>	<b>PN</b>	<b>Sys</b>
<b>PM</b>	MT	BH	F
<b>PN</b>	BH	GJP	K
<b>System</b>	F	K	CLQ

<b>PM + PN + System</b>	DR
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